

## 70-413 Dumps

### Designing and Implementing a Server Infrastructure

<https://www.certleader.com/70-413-dumps.html>



**NEW QUESTION 1**

You implement and authorize the new DHCP servers. You import the server configurations and the scope configurations from PA1 and AM1. You need to ensure that clients can obtain DHCP address assignments after you shut down PA1 and AM1. The solution must meet the technical requirements. What should you do?

- A. Run the Get-DhcpServerv4Lease cmdlet and the Remove-DhcpServerv4Lease cmdle
- B. Run the Windows Server Migration Tools.
- C. Run the Get-DhcpServerv4Lease cmdlet and the Add-DhcpServerv4Lease cmdle
- D. Activate the scopes.
- E. Run the Get-DhcpServerv4FreeIPAddress cmdlet and the Invoke- DhcpServerv4FailoverReplication cmdle
- F. Run the Windows Server Migration Tools.
- G. Run the Get-DhcpServerv4FreeIPAddress cmdlet and the Invoke- DhcpServerv4FailoverReplication cmdlet Activate the scopes.

**Answer:** B

**Explanation:** The Get-DhcpServerv4Lease cmdlet gets one or more lease records from the Dynamic Host Configuration Protocol (DHCP) server service. The Add-DhcpServerv4Lease cmdlet adds a new IPv4 address lease on the Dynamic Host Configuration Protocol (DHCP) server service. This cmdlet is only supported for DHCP server service running on Windows Server® 2012.

**NEW QUESTION 2**

After the planned upgrade to Windows Server 2012, you restore a user account from the Active Directory Recycle Bin. You need to replicate the restored user account as quickly as possible. Which cmdlets should you run?

- A. Get-ADReplicationSite and Set-ADReplicationConnection
- B. Get-ADReplicationAttributeMetadata and Compare-Object
- C. Get-ADReplicationUpToDateVectorTable and Set-ADReplicationSite
- D. Get ADDomainController and Sync-ADObject

**Answer:** D

**Explanation:** \* Scenario:

All of the domain controllers are global catalog servers.

The FSMO roles were not moved since the domains were deployed.

\* Example: The following command replicates the user “James” to all the domain controllers:

```
Get-ADDomainController -filter * | ForEach {Sync-ADObject -object “CN=James, OU=BusinessUsers, DC=Test, DC=Local” -source NKAD1 -destination $_.hostname}
```

Note:

\* The Get-ADDomainController cmdlet gets the domain controllers specified by the parameters.

You can get domain controllers by setting the Identity, Filter or Discover parameters.

\* The Sync-ADObject cmdlet replicates a single object between any two domain controllers that have partitions in common. The two domain controllers do not need to be direct replication partners. It can also be used to populate passwords in a read-only domain controller (RODC) cache.

Reference: Get-ADDomainController, Sync-ADObject

**NEW QUESTION 3**

You are planning the decommissioning of research.contoso.com.

You need to ensure that an administrator named Admin5 in the research department can manage the user accounts that are migrated to contoso.com. The solution must minimize the number of permissions assigned to Admin5.

What should you do before you migrate the user accounts?

- A. Run the New-Object cmdlet, and then run the Add- ADPrincipalGroupMembershipecmdlet.
- B. Create a new organizational unit (OU), and then add Admin5 to the Account Operators group.
- C. Create a new organizational unit (OU), and then run the Delegation of Control Wizard.
- D. Run the New-Object cmdlet, and then run the Add- ADCentralAccessPolicyMembercmdlet.

**Answer:** C

**Explanation:** \* Scenario: Decommission the research.contoso.com domain. All of the users and the Group Policy objects (GPOs) in research.contoso.com will be migrated to contoso.com.

Reference: Delegation of Control Wizard <http://technet.microsoft.com/en-us/library/dd145344.aspx>

**NEW QUESTION 4**

You need to recommend which changes must be implemented to the network before you can deploy the new web application.

What should you include in the recommendation?

- A. Change the forest functional level to Windows Server 2008 R2.
- B. Upgrade the DNS servers to Windows Server 2012.
- C. Change the functional level of both the domains to Windows Server 2008 R2.
- D. Upgrade the domain controllers to Windows Server 2012.

**Answer:** D

**Explanation:** The web application is in the sales.contoso.com domain, which will have Windows Server 2012 Domain controllers. We should therefore upgrade the other domain controller to Windows Server 2012.

Scenario:

\* The new sales.contoso.com domain will contain a web application that will access data from a Microsoft SQL Server located in the contoso.com domain. The

web application must use integrated Windows authentication. Users' credentials must be passed from the web applications to the SQL Server.

\* Planned changes include: create a child domain named sales.contoso.com. Only the domain controllers in sales.contoso.com will host a zone for the sales.contoso.com domain. The domain controllers in sales.contoso.com will run Windows Server 2012.

#### NEW QUESTION 5

You need to recommend a management solution for the GPOs. The solution must meet the technical requirements. What should you include in the recommendation?

- A. Microsoft Baseline Security Analyzer (MBSA)
- B. Microsoft Desktop Optimization Pack (MDOP)
- C. Microsoft System Center 2012 Operations Manager
- D. Microsoft System Center 2012 Data Protection Manager (DPM)

**Answer: B**

**Explanation:** \* Scenario:

/ All changes to Group Policies must be logged.

/ Administrators in the Paris office need to deploy a series of desktop restrictions to the entire company by using Group Policy.

\* Microsoft Desktop Optimization Pack

Windows Vista Enterprise helps global organizations and enterprises with complex IT infrastructures lower IT costs, reduce risk, and stay connected. The Microsoft Desktop Optimization Pack for Software Assurance further extends this value by reducing application deployment costs, enabling delivery of applications as services, and allowing for better management and control of enterprise desktop environments. Together these technologies deliver a highly cost-effective and flexible Windows desktop management solution.

What is the Microsoft Desktop Optimization Pack?

The Microsoft Desktop Optimization Pack (MDOP) for Software Assurance is an add-on subscription license available to Software Assurance customers. It uses innovative technologies to help reduce the total cost of ownership (TCO) of the Windows desktop by accelerating operating system and application management and enhancing IT responsiveness and end-user uptime. It will enable you to better control the desktop, accelerate and simplify desktop deployments and management, and create a dynamic infrastructure by turning software into centrally managed services.

MDOP facilitates accelerated deployment and manageability of Windows through these innovative technologies— available only to Windows Software Assurance customers. Reference: Microsoft Desktop Optimization Pack

URL: <http://technet.microsoft.com/en-us/library/cc507880.aspx>

#### NEW QUESTION 6

You implement a new virtualized print server that runs Windows Server 2012. You need to migrate the print queues.

Which tool should you use?

- A. Windows Server Migration Tools
- B. Active Directory Migration Tool (ADMT)
- C. Print Management
- D. Computer Management

**Answer: C**

**Explanation:** \* Scenario: Migrate the existing print queues to virtualized instances of Windows Server 2012.

\* To manage the migration process, use one of the following:

? The Printer Migration Wizard, which you access through Print Management, a snap-in in

? Microsoft Management Console (MMC).

? The Printbrm.exe command-line tool.

You can perform the migration locally or remotely, and from either a client computer or server.

Important

As a best practice, run the Printer Migration Wizard or Printbrm.exe from a computer running Windows Server 2012

\* Reference: Migrate Print and Document Services to Windows Server 2012

#### NEW QUESTION 7

You are planning the implementation of two new servers that will be configured as RADIUS servers.

You need to recommend which configuration must be performed on the VPN servers. The solution must meet the technical requirements.

What should you do on each VPN server?

- A. Add a RADIUS client.
- B. Install the Health Registration Authority role service.
- C. Enable DirectAccess.
- D. Modify the authentication provider.

**Answer: D**

**Explanation:** \* Implement RADIUS authentication for VPN connections.

\* The new sales.contoso.com domain will contain a web application that will access data from a Microsoft SQL Server located in the contoso.com domain. The web application must use integrated Windows authentication. Users' credentials must be passed from the web applications to the SQL Server.

#### NEW QUESTION 8

You are evaluating the implementation of data deduplication on the planned Windows Server 2012 file servers.

The planned servers will have the identical disk configurations as the current servers. You need to identify which volumes can be enabled for data deduplication.

Which volumes should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. C

- B. D
- C. E
- D. The CSV
- E. DATA

**Answer:** CE

**Explanation:** \* Scenario:

A mounted virtual hard disk (VHD) named DATA that is formatted NTFS A simple volume named E that is formatted NTFS

\* Note: Data Deduplication feature doesn't do everything in this version. It is only available in certain Windows Server 2012 editions and has some limitations. Deduplication was built for NTFS data volumes and it does not support boot or system drives and cannot be used with Cluster Shared Volumes (CSV). We don't support deduplicating live VMs or running SQL databases. See how to determine which volumes are candidates for deduplication on Technet.

Incorrect:

Not A: Volume C is a boot volume. Data deduplication does not work on boot volumes. Not B: Volume B is FAT32 volume. Data deduplication requires NTFS.

Not D: Deduplication cannot be used with CSV.

#### NEW QUESTION 9

You are planning the migration of research.contoso.com.

You need to identify which tools must be used to perform the migration. Which tools should you identify?

- A. Active Directory Migration Tool version 3.2 (ADMT v3.2) and Group Policy Management Console (GPMC)
- B. Active Directory Federation Services (AD FS) and Microsoft Federation Gateway
- C. Active Directory Migration Tool version 3.2 (ADMT v3.2) and Active Directory Federation Services (AD FS)
- D. Active Directory Lightweight Directory Services (AD LDS) and Group Policy ManagementConsole (GPMC)

**Answer:** A

**Explanation:** \* Scenario:

All of the users and the Group Policy objects (GPOs) in research.contoso.com will be migrated to contoso.com.

two domain controllers for the research.contoso.com domain. The domain controllers run Windows Server 2008 R2.

#### NEW QUESTION 10

HOTSPOT

You need to recommend a storage configuration for the Hyper-V hosts.

What should you recommend? To answer, select the appropriate options in the answer area.

##### Answer Area

File system type:

Volume type:

##### Answer Area

File system type:

Volume type:

**Answer:**

**Explanation:** Scenario: The required time to create new fixed virtual hard disks (VHDs) on the SANs must be minimized

#### NEW QUESTION 10

You need to recommend a solution for the RODC.

Which attribute should you include in the recommendation?

- A. systemFlags
- B. searchFlags
- C. policy-Replication-Flags
- D. flags

**Answer:** B

**Explanation:** You can modify the searchFlags value for a read-only domain controller (RODC) to indicate confidential data on order to exclude specific data from replicating to RODCs in the forest. This meets the requirement as it is stated that RODCs must not contain personal user information.

Reference: Customize the RODC Filtered Attribute Set [https://technet.microsoft.com/en-us/library/cc754794\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc754794(v=ws.10).aspx)

**NEW QUESTION 11**

You need to recommend a Group Policy strategy to support the company's planned changes.  
What should you include in the recommendation?

- A. Link a Group Policy object (GPO) to the AllComputers OU in each domain.
- B. Link a Group Policy object (GPO) to litwareinc.com and configure filtering.
- C. Link a Group Policy object (GPO) to each domain.
- D. Link a Group Policy object (GPO) to the Boston site.

**Answer:** D

**Explanation:** We link a GPO, which implements folder redirection and deploys App1 for the Boston Users.

\* Scenario:

Implement Folder Redirection in the Boston office only.

Deploy an application named Appl to all of the users in the Boston office only.

**NEW QUESTION 16**

You need to ensure that NAP meets the technical requirements. Which role services should you install?

- A. Network Policy Server, Health Registration Authority and Host Credential Authorization Protocol
- B. Health Registration Authority, Host Credential Authorization Protocol and Online Responder
- C. Certification Authority, Network Policy Server and Health Registration Authority
- D. Online Responder, Certification Authority and Network Policy Server

**Answer:** C

**Explanation:** \* Scenario:

Implement Network Access Protection (NAP).

Ensure that NAP with IPsec enforcement can be configured.

\* Health Registration Authority

Applies To: Windows Server 2008 R2, Windows Server 2012

Health Registration Authority (HRA) is a component of a Network Access Protection (NAP) infrastructure that plays a central role in NAP Internet Protocol security (IPsec) enforcement.

HRA obtains health certificates on behalf of NAP clients when they are compliant with network health requirements. These health certificates authenticate NAP clients for IPsec-protected communications with other NAP clients on an intranet. If a NAP client does not have a health certificate, the IPsec peer authentication fails and the NAP client cannot

initiate communication with other IPsec-protected computers on the network.

HRA is installed on a computer that is also running Network Policy Server (NPS) and Internet

Information Services (IIS). If they are not already installed, these services will be added when you install HRA.

Reference: Health Registration Authority

**NEW QUESTION 18**

You need to recommend changes to the Active Directory site topology to support on the company's planned changes.  
What should you include in the recommendation?

- A. A new site
- B. A new site link bridge
- C. A new site link
- D. A new subnet

**Answer:** D

**Explanation:** From the Planned Changes section of the scenario we find that a migration to IPv6 addressing in the Los Angeles office will happen.

A new subnet would be needed to implement this change.

Incorrect:

Not A: A new branch office will open in Chicago, and this would require a new site. However, this change is classified as Security Requirements, not as Planned Changes.

Reference: Understanding Sites, Subnets, and Site Links <http://technet.microsoft.com/en-us/library/cc754697.aspx>

**NEW QUESTION 21**

You need to recommend a change to the Active Directory environment to support the company's planned changes.  
What should you include in the recommendation?

- A. Raise the functional level of the domain and the forest.
- B. Implement Administrator Role Separation.
- C. Upgrade the domain controllers that have the PDC emulator master role to Windows Server 2012.
- D. Upgrade the domain controller that has the domain naming master role to WindowsServer 2012.

**Answer:** A

**Explanation:** \* Scenario planned changes include: Implement the Active Directory Recycle Bin. The functional level of the domain and the forest is Windows Server 2008.

\* To support the Active Directory Recycle Bin, the functional level of your AD LDS configuration set to Windows Server 2008 R2 or higher.



Incorrect:

Not C: All domain controllers, not just the ones with the PDC emulator role, must be upgraded to Windows Server 2012.

Not D: All domain controllers, not just the ones domain naming master role, must be upgraded to Windows Server 2012.

Reference: Requirements for Active Directory Recycle Bin [https://technet.microsoft.com/en-us/library/dd379484\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/dd379484(v=ws.10).aspx)

#### NEW QUESTION 26

You need to implement the technical requirements for the boston.litwareinc.com domain. Which tools should you use?

- A. Gpfixup and Gpupdate
- B. Rendom and Gpfixup
- C. Gpupdate and Dcgpofix
- D. Adprep and Rendom

**Answer:** B

**Explanation:** \* Scenario, technical requirements include:

Minimize the amount of administrative effort whenever possible Rename boston.litwareinc.com domain to bos.litwareinc.com

\* Rendom.exe is a command-line tool that is used to rename Active Directory domains.

Gpfixup fixes domain name dependencies in Group Policy Objects and Group Policy links after a domain rename operation.

Reference: Rendom

[http://technet.microsoft.com/en-us/library/cc732097\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc732097(v=ws.10).aspx)

Reference: Gpfixup

<https://technet.microsoft.com/en-us/library/hh852336.aspx>

#### NEW QUESTION 30

You need to recommend a migration strategy for the DHCP servers. The strategy must meet the technical requirements.

Which Windows PowerShell cmdlet should you recommend running on the physical DHCP servers?

- A. Import-SmigServerSetting
- B. Export-SmigServerSetting
- C. Receive-SmigServerData
- D. Send-SmigServerData

**Answer:** B

**Explanation:** \* Scenario:

/ Main office: One physical DHCP server that runs Windows Server 2008 R2

/ each branch office: One physical DHCP server that runs Windows Server 2008 R2

/ The IPAM server in the main office gathers data from the DNS servers and the DHCP servers in all of the offices.

\* Example:

Command Prompt: C:\PS>

Export-SmigServerSetting -Feature "DHCP" -User All -Group -Path "c:\temp\store" - Verbose

This sample command exports the Dynamic Host Configuration Protocol (DHCP) Server and all other Windows features that are required by DHCP Server.

Reference: DHCP Server Migration: Migrating the DHCP Server Role <https://technet.microsoft.com/en-us/library/dd379483%28v=ws.10%29.aspx>

#### NEW QUESTION 33

You need to recommend a solution for the sales reports. What should you include in the recommendation?

- A. BranchCache in distributed cache mode
- B. Offline files
- C. BranchCache in hosted cache mode
- D. Distributed File System (DFS)

**Answer:** D

**Explanation:** DFS to increase the availability of data by storing the data on multiple servers. DFS could make the sales reports available, even if the WAN link is down.

\* Scenario: Server3 has a shared folder that contains sales reports. The sales reports are read frequently by the users in both offices. The reports are generated automatically once per week by an enterprise resource planning (ERP) system.

If a WAN link fails, users must be able to access ALL of the sales reports

Incorrect:

Not A, Not C: Branchcache (hosted or distributed) does not work when content server is not reachable (link down).

Not B: According to the scenario, the computers in the San Diego office are often replaced, so offline caching will not make the reports available all the time if WAN link goes down.

Reference: What Is DFS?

[https://technet.microsoft.com/en-us/library/cc779627\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc779627(v=ws.10).aspx)

#### NEW QUESTION 38

HOTSPOT

You need to recommend a solution for communicating to Windows Azure services.

What should you recommend? To answer, select the appropriate options in the answer area.

#### Answer Area

Protocol to use on Server4:

Object to create on Server4:

#### Answer Area

Protocol to use on Server4:

IKEv2  
PPoE  
PPTP  
SSTP

Object to create on Server4:

A site-to-site interface  
A route to a VPN connection  
A custom route to the BGP routing table  
An entry point to a multi-site deployment

Answer:

Explanation: Answer Area

Protocol to use on Server4:

IKEv2  
PPoE  
PPTP  
SSTP

Object to create on Server4:

A site-to-site interface  
A route to a VPN connection  
A custom route to the BGP routing table  
An entry point to a multi-site deployment

#### NEW QUESTION 43

HOTSPOT

On Server2, you create a Run As Account named Account1. Account1 is associated to an Active Directory account named VMMIPAM.

You need to implement an IPAM solution.

What should you do? To answer, select the appropriate configuration for each server in the answer area.

#### Answer Area

Server2:

Server3:

#### Answer Area

Server2:

Create a service.  
Create a user role.  
Add a network service.  
Create a logical network.  
Add an infrastructure server.

Server3:

Add VMMIPAM to IPAM Administrators.  
Add VMMIPAM to IPAM MSM Administrators.  
Add VMMIPAM to IPAM Users and WinRMRemoteWMIUsers\_\_.  
Add VMMIPAM to IPAM ASM Administrators and Remote Management Users.  
Add VMMIPAM to IPAM IP Audit Administrators and Network Configuration Operators.

Answer:

Explanation: Box 1: Add a network service

On the VMM server use the Add Network Service Wizard to setup a service, which runs with the newly created VMMIPAM account, and which connects to IPAM server on Server3. Box 2:

On the IPAM server add the new VMMIPAM account to the IPAM ASM Administrators and to the Remote Management Users groups. This ensures that the Network Service which is run with the VMMIPAM account has the required permissions to access the IPAM server.

Scenario:

Server2 is running System Center 2012 R2 Virtual Machine Manager (VMM) server. Server3 is running IPAM server.

#### NEW QUESTION 48

HOTSPOT

You are evaluating the virtual machine environment.

In the table below, identify which virtual machines currently support ODX and which virtual machines require a configuration change to support ODX. Make only one selection in each row.

Virtual machine	Currently supports ODX	Requires a configuration change to support ODX
VM1	<input type="radio"/>	<input type="radio"/>
VM2	<input type="radio"/>	<input type="radio"/>
VM3	<input type="radio"/>	<input type="radio"/>
VM4	<input type="radio"/>	<input type="radio"/>

**Answer:**

**Explanation:** \* VM1 uses IDE and does not support ODX. The other VMs are ok.

\* ID requirements include:

Must be connected by using one of the following protocols: iSCSI

Fibre Channel

Fibre Channel over Ethernet Serial Attached SCSI (SAS)

Note: Windows Offloaded Data Transfer (ODX) functionality in Windows maximizes an enterprise's investment in intelligent storage arrays by enabling the arrays to directly transfer data within or between compatible storage devices, bypassing the host computer.

### NEW QUESTION 53

You need to design a solution for the recovery-time objective.

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

- A. Schedule a task to create a snapshot of the NTDS database before the existing backup job runs.
- B. Enable the KDC support for claims, compound authentication, and Kerberos armoring administrative template policy.
- C. Set the functional level for each domain to Windows Server 2012.
- D. Set the functional level of the forest to Windows Server 2008 R2.
- E. Enable the Active Directory Recycle Bin.

**Answer:** AE

### NEW QUESTION 55

You need to perform the directory synchronization with Office 365. What should you do first?

- A. Set the domain functional level to Windows Server 2012.
- B. Upgrade the Office 365 licenses to Enterprise E4.
- C. Set the forest functional level to Windows Server 2012.
- D. Create a site-to-site VPN.
- E. Install the DirSync utility in the on-premises environment.

**Answer:** E

### NEW QUESTION 59

You need to plan the expansion of the Los Angeles office. What should you do?

- A. Install a read-only domain controller in Los Angeles.
- B. Install a domain controller in Los Angeles.
- C. Create and apply a filtered attribute set to the Los Angeles site.
- D. Create and apply a Group Policy object to the Los Angeles site.

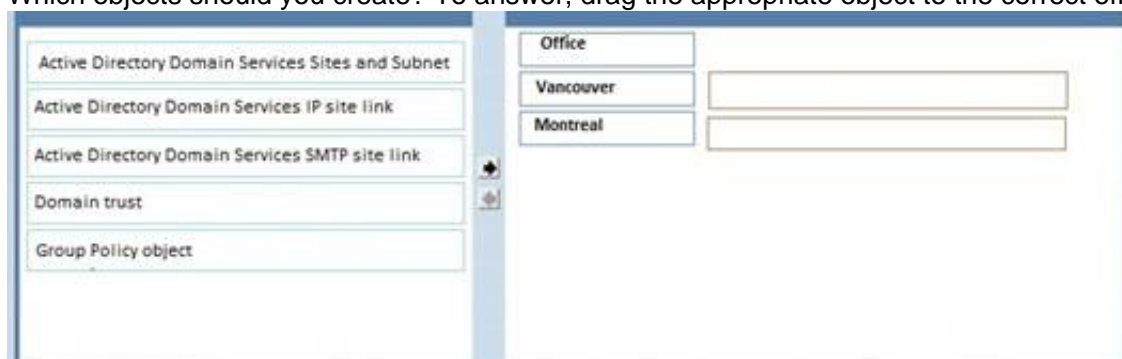
**Answer:** D

### NEW QUESTION 62

DRAG DROP

You need to resolve the Apline Ski House authentication issue.

Which objects should you create? To answer, drag the appropriate object to the correct office.



**Answer:**



**Explanation:** Vancouver - Domain trustMontreal - Active Directory Domain Services IP site link

Topic 6, Contoso Ltd, Case B

Background Overview

Contoso, Ltd., is a software development company. Contoso has a main office in London and two branch offices, one in Madrid and the other in Dublin. The company is in the process of adopting Microsoft Azure to host business critical resources and applications.

Contoso has an Active Directory Domain Services (AD DS) domain named contoso.com. All devices in the three offices are members of the domain. Each office has a dedicated organizational unit (OU) in the root of the domain named London, Madrid, and Dublin, respectively. Each office OU has three child OUs named Computers, Users, and Groups.

The local Administrator account is disabled on all client devices in the domain by using a Group Policy object (GPO) named SecurityConfiguration that is linked to the root of the domain. Contoso's security department also has a GPO named WSUSConfiguration. WSUSConfiguration defines the configuration of Windows Update Services on the Windows Server Update Services (WSUS) server named WSUS1.

You have a GPO named RemoteSales that uses a WMI filter. The GPO prevents users from launching applications that are not approved.

DNS Services

Contoso uses a DNS service that is installed on two domain controllers in the main office. The domain controllers are named DO and DC2. Both DO and DC2 run Windows Server 2008 R2. Both domain controllers host Active Directory integrated zones named contoso.com and lab.contoso.com. The zones are configured to allow only secure updates.

Research

Contoso creates a new research department to develop integration between Contoso's software and public cloud services.

Finance Department

Users in the finance department use a client-server application named App1. App1 uses custom Active Directory attributes to store encryption keys. App1 is a business critical application that must be migrated to Windows Azure.

A server named SERVER2 hosts Appl. SERVER2 runs Windows Server 2008 R2. The disk configuration for SERVER2 is shown in the following table:

Volume	Drive letter	Capacity	Contents	Free space
System	C:\	120 GB	system files	40%
App	D:\	20 GB	App1	10%
AppData	E:\	1024 GB	App1 data	30%

A server named SERVER1 hosts a database that is used by Appl. SERVER1 runs Windows Server 2008 R2 and SQL Server 2008 R2. The disk configuration for SERVER1 is shown in the following table:

Volume	Drive letter	Capacity	Contents	Free space
System	C:\	120 GB	system files	40%
Data	D:\	4096 GB	database files	5%

The Contoso management team plans to increase the use of Appl. To accommodate these plans, the size of the databale must be increased

Sales Department

Users in the sales department use laptop computers when they travel. Salespeople use a legacy application named ContosoSales on their laptop computers.

Salespeople can use a pool of shared desktop computers in each office.

The ContosoSales app is dependent on a specific registry key that is frequently overwritten by third-party applications. This causes the ContosoSales app to stop working.

Business Requirements

All DNS servers must be placed in a physically secure location.

Software development department

All software developers must migrate their servers and workstations to the DNS domain lab.contoso.com to ensure that frequent changes to DNS do not interfere with the production environment.

Finance department

All servers that host App1 must be migrated to Windows Azure. A new Azure virtual machine (VM) named CL0UD2 must be deployed to Windows Azure.

Sales department

Users in the sales department should not be able to run applications on their laptop computers that are not approved by the security department. Users in the sales department should have no such restrictions while they work on the desktop computers in the office.

Technical Requirements App1 requirements

You have the following requirements:

? The size of the database for App1 must be increased to 8 TB.

? The encryption keys for App1 should not be replicated to the offices where physical server security is not guaranteed.

? The amount of disk space that is used by Windows Azure must be minimized.

Infrastructure requirements

You have the following requirements:

? The lab.contoso.com DNS domain zone must not be replicated or transferred to DNS servers outside of the London office.

? A new DNS domain zone named research.contoso.com must be deployed for users in the research department.

? The research.contoso.com DNS domain zone must be protected by using DNS Security Extensions (DNSSEC).

? All computers in the London and Madrid offices must install Windows Updates from the server WSUS1.

? A new domain controller for the contoso.com domain must be deployed in the Madrid office.

? Replication traffic must be minimized when the new domain controllers are deployed.

? New WMI filters must not conflict with existing WMI filters.

#### NEW QUESTION 64

You need To configure the Group Policy for salespeople.

Solution: You create a Group Policy Object (GPO) with an AppLocker policy. You link the GPO to the Computers OU for each location.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

**NEW QUESTION 66**

You need to plan the migration of App1. What should you do?

- A. Install App1 on drive
- B. Move all of the data that supports App1 to drive D.
- C. Expand the size of drive C Install App1 and all of the data that supports the app on drive C
- D. Install App1 on drive
- E. Move all of the data that supports App1 to an additional data drive.
- F. Install App1 on drive
- G. Move all of the data that supports App1 to an additional data drive.

**Answer: C**

**NEW QUESTION 68**

DRAG DROP

You need to configure DNS for the Dublin office.

Which three 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.

Actions	Answer Area
On DC1, configure a replication scope for lab.contoso.com.	
On DC2, change the DNS Zone type for lab.contoso.com to <b>Stub Zone</b> .	
On DC3, unregister the DomainDnsZones application partition.	
On DC1, change the DNS Zone type for lab.contoso.com to <b>Secondary Zone</b> .	
Install a new domain controller named <b>DC3</b> .	
On DC1, create a new DNS application partition.	

**Answer:**

**Explanation:**

Actions	Answer Area
On DC1, configure a replication scope for lab.contoso.com.	On DC1, create a new DNS application partition.
On DC2, change the DNS Zone type for lab.contoso.com to <b>Stub Zone</b> .	On DC1, configure a replication scope for lab.contoso.com.
On DC3, unregister the DomainDnsZones application partition.	On DC2, change the DNS Zone type for lab.contoso.com to <b>Stub Zone</b> .
On DC1, change the DNS Zone type for lab.contoso.com to <b>Secondary Zone</b> .	
Install a new domain controller named <b>DC3</b> .	
On DC1, create a new DNS application partition.	

**NEW QUESTION 72**

You need To configure the Group Policy for salespeople.

Solution: You move all shared desktops to a separate organizational unit (OU). You create one Group Policy object (GPO) that has an AppLocker policy rule and enable loopback policy processing within the GPO. You link the GPO to the new OU.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 76

This question consists of two statements: One is named Assertion and the other is named Reason. Both of these statements may be true; both may be false; or one may be true, while the other may be false.

To answer this question, you must first evaluate whether each statement is true on its own. If both statements are true, then you must evaluate whether the Reason (the second statement) correctly explains the Assertion (the first statement). You will then select the answer from the list of answer choices that matches your evaluation of the two statements.

Assertion:

You must host the DNS zone research.contoso.com on MADSRV1.

Reason:

You must host Domain Name System Security Extensions (DNSSEC) zones on Active Directory Domain Services-integrated DNS servers.

Evaluate the Assertion and Reason statements and choose the correct answer option.

- A. Both the Assertion and Reason are true, and the Reason is the correct explanation for the Assertion,
- B. Both the Assertion and Reason are true, but the Reason is not the correct explanation for the Assertion.
- C. The Assertion is true, but the Reason is false.
- D. The Assertion is false, but the Reason is true.
- E. Both the Assertion and the Reason are false.

**Answer:** C

**Explanation:** Topic 7, Line-of-business applications

Business Requirements

Line-of-business applications

A line-of-business (LOB) application named App1 is deployed on LA-SVR01 and LA- SVR02.

Backups

All company data is temporarily backed up by using snapshots, and then archived to long- term media. When possible, metadata and non-critical information must be stored by using

AD DS.

Monitoring

System Center is used as the primary monitoring tool for server and application performance.

The company also plans to monitor core services, such as DNS, DHCP, and AD DS. Any additional monitoring capabilities must be performed by using System Center.

Active Directory

The company plans to use Active Directory to store personal information for employees. Users in the branch offices must not be able to view the confidential data that is stored for other users.

File shares

The NY-SVR05 server acts as the primary file server in the domain. File shares are replicated to LA-SRV03. Client computers use NY-SRV05 to access file in the file share, BranchCache distributed mode is enabled in each branch office. Each client computer has a 250-GB hard drive that is used by the Local Cache.

BranchCache must be able to use up to 10% of the 250-GB hard drive for the local cache.

Consolidation

The company plans to consolidate the amount of servers that are in both data centers. Company management needs to generate a report that describes how consolidation will affect power and cooling costs in the data center.

Technical Requirements Server deployments

The existing Microsoft Azure environment does not have the ability to expand

automatically. The Azure environment must support the ability to deploy additional virtual machines (VMs) automatically. The on-premises deployment environments must deploy only to trusted computers. When possible, System Center must be used to deploy and manage the on-premises and Azure environments. System Center must also be used to migrate existing virtual machines from VMM to Azure.

Monitoring

The DHCP service must be monitored and reported if the service stops or restarts. Additionally, DHCP scope and Network Access Protection (NAP) related events must be monitored.

Azure migration

The company plans to migrate existing services, including System Center management servers, to Azure. To reduce costs, the migration must use the minimum number of Azure VM instances to migrate the services.

App1

App1 uses a DNS application directory partition on LA-DC01 and NY-DC01. App1 uses IPv6 for network connectivity and must resolve single-label names for resources in the woodgrovebank.com DNS zone. GlobalNames zone has been created, but the zone has not been populated with resource records.

Active Directory Domain Services

The company plans to use the Employee-Number user property to store personal identification numbers.

File shares

Each branch office connects to the New York data center to retrieve file shares. BranchCache distributed mode is enabled in each branch office. The cache on each client computer must be a single file.

Consolidation reports

The company requires a report that describes the impact of consolidation. The report must provide the following information:

? An inventory of the existing physical server environment

? Visual charts that show the reduction of physical servers

#### NEW QUESTION 77

You need to limit the amount of disk space that is used on the client devices. Which Windows PowerShell cmdlet or cmdlets should you run?

- A. Add-BCDataCacheExtcnson
- B. Set-BCDataCacheEntryMaxAge
- C. Disable-BC and Enable-BCLocal
- D. Set-BCCache
- E. Clear-BCCache

**Answer:** D

**Explanation:** Scenario: File shares



Each branch office connects to the New York data center to retrieve file shares. BranchCache distributed mode is enabled in each branch office. The cache on each client computer must be a single file.

Reference: Set-BCCache

#### NEW QUESTION 79

HOTSPOT

You need to protect the personal data of employees.

What should you do? To answer, select the appropriate options in the answer area.

#### Answer Area

User Property	Attributes	Value
<div> <div></div> <div>roomNumber</div> <div>Employee-Type</div> <div>Employee-Number</div> <div>departmentNumber</div> </div>	<div> <div></div> <div>searchFlags</div> <div>systemFlags</div> <div>systemOnly</div> <div>attributeSyntax</div> </div>	<div> <div></div> <div>0</div> <div>32</div> <div>64</div> <div>128</div> </div>

**Answer:**

**Explanation:** Scenario: Active Directory

The company plans to use Active Directory to store personal information for employees. Users in the branch offices must not be able to view the confidential data that is stored for other users.

Active Directory Domain Services

The company plans to use the Employee-Number user property to store personal identification numbers.

#### NEW QUESTION 84

DRAG DROP

You need to design the DNS zone for App1.

What should you do? To answer, drag the appropriate resource record to the correct DNS se Each resource record may be used once, more than once, or not at all. You may need to drag split bar between panes or scroll to view content.

Resource Records	Answer Area						
IPv4 Host (A)	<table border="1"> <thead> <tr> <th>DNS Server</th> <th>Resource Records</th> </tr> </thead> <tbody> <tr> <td>LA-DC01</td> <td>Resource Record</td> </tr> <tr> <td>NY-DC01</td> <td>Resource Record</td> </tr> </tbody> </table>	DNS Server	Resource Records	LA-DC01	Resource Record	NY-DC01	Resource Record
DNS Server		Resource Records					
LA-DC01		Resource Record					
NY-DC01		Resource Record					
IPv6 Host (AAAA)							
Alias (CNAME)							
Service Location (SRV)							
Text (TXT)							

**Answer:**

**Explanation:** Box 1: Alias (CNAME)

Box 2: Service Location (SRV)

Scenario:

\* A line-of-business (LOB) application named App1 is deployed on LA-SVR01 and LA- SVR02.

\* App1 uses a DNS application directory partition on LA-DC01 and NY-DC01. App1 uses

IPv6 for network connectivity and must resolve single-label names for resources in the woodgrovebank.com DNS zone. GlobalNames zone has been created, but the zone has not been populated with resource records.

#### NEW QUESTION 89

You need to implement the Microsoft Azure migration plan. What should you do?

- A. On Microsoft Azure, install and configure System Center 2012 R2 Virtual Machine Manager.
- B. On an on-premises server, install and configure System Center 2012 R2 Service Manager.
- C. On an on-premises server, install and configure System Center 2012 R2 App Controller.
- D. On an on-premises server, install and configure Windows Deployment Services.
- E. On Microsoft Azure, install and configure System Center 2012 R2 Orchestrator.

**Answer:** C

**Explanation:** \* Scenario: Azure migration

The company plans to migrate existing services, including System Center management servers, to Azure. To reduce costs, the migration must use the minimum number of Azure VM instances to migrate the services.

Reference: Understanding App Controller 2012

## NEW QUESTION 90

You need to generate the required report Which tool should you use?

- A. Microsoft Deployment Toolkit (MDT)
- B. Microsoft Desktop Optimization Pack (MDOP)
- C. Microsoft Assessment and Planning Toolkit (MAP)
- D. Application Compatibility Toolkit (ACT)

**Answer: C**

**Explanation:** Scenario: Consolidation reports

The company requires a report that describes the impact of consolidation. The report must provide the following information:

- An inventory of the existing physical server environment
- Visual charts that show the reduction of physical servers

Reference: Microsoft Assessment and Planning (MAP) Toolkit for Hyper-V

Topic 8, Parnell Aerospace

Overview

Overview

Parnell Aerospace designs materials and components that are used for commercial airlines.

Parnell has a main office in Dallas and branch offices in Seattle, Atlanta, and New York. Parnell has an Active Directory Domain Services (AD DS) domain named parnellaero.com for the Dallas and Manta offices. The forest and

Domain functional levels are set to Windows Server 2008.

Domain Controllers

The domain controllers are displayed in the following table:

Name	Role	Location	IP Address
PAR-DC01	Domain controller	Dallas	192.168.100.100
PAR-DC02	Domain controller	Dallas	192.168.100.101
PAR-DC03	Domain controller	Atlanta	172.16.1.1
PAR-DC04	Domain controller	Atlanta	172.16.1.2

The Seattle and New York offices have their own child domain named sales.parnellaero.com. The domain controllers are displayed in the following table.

Name	Role	Location	IP Address
SALE-DC01	Domain controller	Seattle	10.100.1.1
SALE-DC02	Domain controller	Seattle	10.100.1.2
SALE-DC03	Domain controller	New York	10.200.1.1
SALE-DC04	Domain controller	New York	10.200.1.2

Parnell also has a number of satellite offices, without domain controllers, that act as both sales and design locations.

Employees have the ability to walk into any office to connect to their respective domain and access the software they need.

All servers in each office run Windows Server 2012 R2 and are 64-bit platforms. Client devices in each office run Windows 7 and Windows 8.1.

Expansion

Parnell Aerospace is expanding to Great Britain. Parnell creates the domain uk.parnellaero.com for the new offices to use.

Parnell creates a new sales office in London,

Parnell also purchases a company in Glasgow named Flight Build that can expand Parnell's research and design division. Flight Build has low security and limited bandwidth. Flight Build has the domain name flightbuild.com. Flight Build has a single domain controller named FB-DC. Flight Build users use an application that must run on the domain controller.

Flight Build's server environment contains a server that runs Windows Server 2012 R2 and has Microsoft SQL Server 2012 installed. Ports 12345, 6789, and 10111 have been assigned for System Center Virtual Machine Manager (SCVMM) connections.

The domain controllers for the two new offices are displayed in the following table:

Name	Role	Location	IP Address
LON-DC01	Domain controller	London	10.30.1.1
LON-DC02	Domain controller	London	10.30.1.2
GLA-DC	Domain controller	Glasgow	10.40.1.1

Business Requirements Accessing Data Globally

Employees in any office, including satellite and branch offices, must be able to work securely on internal applications, independent of device, and still access all of the information they need.

At times, a large percentage of users congregate in the same geography to work: on a specific task and environments need to scale quickly to meet the demands.

Application performance

In order to allow multiple simultaneous users to access the design application. The design application is published by using SCVMM.

Data Conformity

All data needs to be synchronized between all offices to ensure that all users have the latest information available.

Disaster Preparedness

In case of natural disaster, Parnell Aerospace must be able to continue work without disruption. Servers in any location must be restored rapidly.

Expansion

The domain flightbuild.com must be renamed to integrate it into the domain uk.parnellaero.com.

Users in the newly acquired Glasgow office report issues with long logon times. Parnell Aerospace must prepare a new domain controller for the logon traffic.

Parnell plans to deploy an additional SCVMM server in the Flight Build environment.

Sales reports

Parnell Aerospace's sales organization uses a large number of sales reports that are in the Excel format. The reports are very large and accessed often throughout the day. Users report that it takes a long time to open the files, even when they are using the local network.

Technical Requirements Mixed environment

The existing environment contains Windows servers and legacy UNIX servers. All UNIX servers run 32-bit operating systems. A server named UNIX1 is a file server.

Sales reports



Sales reports must be saved on an automated storage tier named Sales Reports. All file servers are equipped with both solid-state drives and standard hard-disk drives.

Sales Application

A sales application in the parneraero.com domain must be accessible to users outside of the network during sales calls.

The application is configured by using automatic triggering of VPN connections.

Design Application

A design application must allow automatic logon by using VPN when users in the parnellaero.com domain are working from a location outside of the office. Users report the authentication fails.

UK Division Sales

Sales people in the new UK domain must be able to access a web-based sales application named UKSales that is used in that geography by using any device including hand-held units, smart phones, and laptop computers.

Active Directory

The Active Directory Recycle Bin must be enabled throughout the forest.

#### NEW QUESTION 93

This question consists of two statements: One is named Assertion and the other is named Reason. Both of these statements may be true; both may be false; or one may be true, while the other may be false.

To answer this question, you must first evaluate whether each statement is true on its own. If both statements are true, then you must evaluate whether the Reason (the second statement) correctly explains the Assertion (the first statement). You will then select the answer from the list of answer choices that matches your evaluation of the two statements.

Assertion:

You can run the RENDOM command on the GIA-DC domain controller to rename the domain.

Reason:

The RENDOM command is installed as part of the Active Directory Domain Services role when you promote a server to the domain controller role. The command allows you to rename the domain.

Evaluate the Assertion and Reason statements and choose the correct answer option.

? Both the Assertion and Reason are true. and the Reason is the correct explanation for the Assertion.

? Both the Assertion and Reason are true but the Reason is not the correct explanation for the Assertion.

? The Assertion is true, but the Reason is false.

? The Assertion is false, but the Reason is true.

A. Both the Assertion and the Reason are false.

**Answer:** A

#### NEW QUESTION 98

You need to resolve the access issue at the newly acquired office. What should you do.

A. Install a domain Controller and configure Universal Group Membership Caching.

B. Install a domain Controller and add the Global Catalog role.

C. Install a read-only domain controller.

D. Install a domain controller and enable BranchCache.

**Answer:** C

#### NEW QUESTION 102

You need to give Great Britain division access to the UKSales application. What should you set up?

A. a border Gateway protocol

B. a multi-tenant client-to-site VPN gateway

C. a web application proxy

D. a multi tenant Remote Access VPN gateway

**Answer:** C

**Explanation:** In the section sales department UK states: The sales staff of the new domain for the United Kingdom must comply with any device, including smartphones and laptop, can access a web-based sales application named UKSales for their region. The web-based sales application UKSales is not identical to the sales application is hosted in greenwing.com domain. In the sales application domain greenwing.com is a client-server application. In order to optimize the security of access to the web-based application UKSales, a Webanwendungsproxy (reverse proxy) should be installed and configured.

#### NEW QUESTION 107

DRAG DROP

You need to configure the replication of user credentials for the Great Britain division. Which three 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.

Select and Place:

**Actions**

**Answer Area**

Add the existing user accounts to the replication list and set the access level to deny.

Launch the Active Directory Trusts and Domains applet by using Domain Admin credentials.

Launch the Active Directory Users and Computers applet by using Domain Admin credentials.

On GLA-DC, configure the LON-DC01 account.

On LON-DC01, Configure the GLA-DC Account.

**Answer:**

**Explanation:** It should be:

- ? Launch the active directory users and computers applet by using domain admin credentials
- ? Add the existing users to the replication list and set access level to deny.
- ? On GLA-DC, configure the LON-DC1 account.

Topic 9, Mix Questions

**NEW QUESTION 111**

Your network contains a server named Server1 that runs Windows Server 2012. Server1 has the Network Policy Server server role installed. You configure Server1 as part of a Network Access Protection (NAP) solution that uses the 802.lx enforcement method. You add a new switch to the network and you configure the switch to use 802.lx authentication. You need to ensure that only compliant client computers can access network resources through the new switch. What should you do on Server1?

- A. Add the IP address of each new switch to a remediation server group.
- B. Add the IP address of each new switch to the list of RADIUS clients.
- C. Add the IP address of each new switch to a connection request policy as an Access Client IPv4 Address.
- D. Add the IP address of each new switch to a remote RADIUS server group.

**Answer: B**

**Explanation:** 802.1X and RADIUS-compliant APs (Access Points), when they are deployed in a RADIUS infrastructure with a RADIUS server such as an NPS server, are called RADIUS clients.

**NEW QUESTION 115**

Your network contains five servers that run Windows Server 2012 R2. You install the Hyper-V server role on the servers. You create an external virtual network switch on each server. You plan to deploy five virtual machines to each Hyper-V server. Each virtual machine will have a virtual network adapter that is connected to the external virtual network switch and that has a VLAN identifier of 1. Each virtual machine will run Windows Server 2012 R2. All of the virtual machines will run the identical web application. You plan to install the Network Load Balancing (NLB) feature on each virtual machine and join each virtual machine to an NLB cluster. The cluster will be configured to use unicast only. You need to ensure that the NLB feature can distribute connections across all of the virtual machines. Solution: From the properties of each virtual machine, you enable MAC address spoofing for the existing virtual network adapter. Does this meet the goal?

- A. Yes
- B. No

**Answer: A**

**NEW QUESTION 116**

A company has a single-forest and single Active Directory Domain Services (AD DS) domain named Fabrikam.com that runs Windows 2012 Server. The AD DS forest functional level and the domain functional level are both set to Windows 2008 R2. You use IP Address Management (IPAM) as the IP management solution. You have two DHCP Servers named DHCP1 and DHCP2, and one IPAM server named IPAM1. The company plans to acquire a company named Contoso, Ltd., which has a single-forest and single-domain AD DS named contoso.com. The forest functional level and domain functional level of Contoso.com is set to Windows 2008. All servers at Contoso run Windows Server 2008. The IP management solution at Contoso is based on a single DHCP server named SERVER3.

Server name	Operating System	Total Disk Space
DHCP1	Windows 2012	30 GB
DCHP2	Windows 2012	30 GB
IPAM1	Windows 2012	30 GB
SERVER3	Windows 2008	30 GB

The total number of users in both companies will be 5000. You have the following requirements:

? The solution must be able to allocate up to three IP addresses per user.

? All IP address leases must be renewed every two days.

You need to ensure that the corresponding servers will have enough capacity to store six years of IP utilization data and eight months of event catalog data.

What should you recommend?

A. Add at least 20 GB of storage to the IPAM server.

B. Migrate Contoso.com to Fabrikam.com.

C. Establish a forest trust between Contoso.com and Fabrikam.com.

D. Upgrade SERVER3 to Windows Server 2012.

**Answer: D**

**Explanation:** You can use IPAM to manage DHCP servers running on Windows Server 2008 R2 and above. Here Server3 is running Windows 2008 however, so it needs to be upgraded.

Reference: IPAM managed DHCP server requirements <http://windowsitpro.com/windows-server-2003-end-support/ipam-managed-dhcp-server-requirements>

## NEW QUESTION 120

### HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain contains a Network Load Balancing (NLB) cluster named Cluster1 that contains four nodes. Cluster1 hosts a web application named App1. The session state information of App1 is stored in a Microsoft SQL Server 2012 database. The network contains four subnets.

You discover that all of the users from a subnet named Subnet1 always connect to the same NLB node.

You need to ensure that all of the users from each of the subnets connect equally across all of the nodes in Cluster1.

What should you modify from the port settings?

To answer, select the appropriate setting in the answer area.

The screenshot shows the 'Add/Edit Port Rule' dialog box. The 'Cluster IP address' field contains '192.168.1.111'. The 'Port range' section shows 'From: 80' and 'To: 80'. Under 'Protocols', the 'TCP' radio button is selected. In the 'Filtering mode' section, the 'Multiple host' radio button is selected, and the 'Affinity' section has the 'Network' radio button selected. The 'Timeout (in minutes)' is set to '0'. The 'Single host' and 'Disable this port range' radio buttons are unselected.

**Answer:**

**Explanation:**

**Add/Edit Port Rule**

Cluster IP address  
192.168.1.111 or ☐ All

Port range  
From: 80 To: 80

Protocols  
☒ TCP ☐ UDP ☐ Both

Filtering mode  
☒ Multiple host Affinity: ☐ None ☐ Single ☒ Network  
☐ Timeout (in minutes): 0

☐ Single host

☐ Disable this port range

**NEW QUESTION 121**

You deploy an Active Directory domain named contoso.com to the network. The domain is configured as an Active Directory-integrated zone. All domain controllers run Windows Server 2012 and are DNS servers.

You plan to deploy a child domain named operations.contoso.com.

You need to recommend changes to the DNS infrastructure to ensure that users in the operations department can access the servers in the contoso.com domain. What should you include in the recommendation?

- A. A zone delegation for \_msdcs.contoso.com
- B. Changes to the replication scope of contoso.com
- C. Changes to the replication scope of \_msdcs.contoso.com
- D. Changes to the replication scope of operations.contoso.com

**Answer: B**

**Explanation:** The contoso.com resources must be available from the subdomain operations.contoso.com. The contoso.com replication scope must include operations.contoso.com.

Incorrect:

Not A: Zone delegation relates to which users can handle the administration of a subdomain, but the question is related to access of servers not of administration of a DNS zone.

Note: Zone delegation is transferring authority for a subdomain to a new zone. Typically, you use zone delegation when a business unit in an organization is large enough to warrant its own subdomain and has the personnel to manage its own DNS server for the subdomain.

Not C: Every Windows domain zone has an \_mcdcs subdomain, which holds all the SRV records for Microsoft-hosted services, such as the global catalog, LDAP, and Kerberos.

**NEW QUESTION 126**

Your company, which is named Contoso, Ltd., has a main office and two branch offices. The main office is located in North America. The branch offices are located in Asia and Europe.

You plan to design an Active Directory forest and domain infrastructure.

You need to recommend an Active Directory design to meet the following requirements:

- \* The contact information of all the users in the Europe office must not be visible to the users in the other offices.
- \* The administrators in each office must be able to control the user settings and the computer settings of the users in their respective office.

The solution must use the least amount of administrative effort. What should you include in the recommendation?

- A. One forest that contains three domains
- B. Three forests that each contain one domain
- C. Two forests that each contain one domain
- D. One forest that contains one domain

**Answer: D**

**Explanation:** The most basic of all Active Directory structures is the single domain model; this type of domain structure comes with one major advantage over the other models: simplicity. A single security boundary defines the borders of the domain, and all objects are located within that boundary. The establishment of trust relationships between other domains is not necessary, and implementation of technologies such as Group Policies is made easier by the simple structure.

**NEW QUESTION 129**

Your network contains an Active Directory domain named adatum.com.

An administrator plans to delegate control of custom tasks on several organizational units (OUs).

You need to ensure that the custom tasks appear in the list of tasks that can be delegated from the Delegation of Control Wizard.

What should you do?



- A. Configures custom MMC console.
- B. Add a new class to the Active Directory schema.
- C. Configure a new authorization store by using Authorization Manager.
- D. Modify the Delegwiz.inf file.

**Answer:** D

#### NEW QUESTION 134

DRAG DROP

Your network contains three servers named Server1, Server2, and Server3 that run Windows Server 2012. Server3 is connected to a disk storage array. You need to ensure that Server1 can store files on the storage array. The solution must ensure that Server1 can access the storage as a local disk.

What should you configure on each server?

To answer, drag the appropriate configuration to the correct location in the answer area. Each configuration may be used once, more than once, or not at all.

Additionally, you may need to drag the split bar between panes or scroll to view content.

Configurations	Answer Area
the iSCSI Initiator Service	Server1 Configuration
the iSCSI Target Server role service	Server3 Configuration
the iSNS Server service feature	
the Server for NFS role service	

**Answer:**

**Explanation:** Box 1: iSCSI Initiator Service

Services that depend on iSCSI devices

Devices that are connected to a computer through Microsoft iSCSI Initiator are presented to the Windows operating system later in the boot process than direct-attached storage. There are applications and services that make assumptions about the timing of the availability of the devices. The Microsoft iSCSI Initiator service and the Service Control Manager in the Windows operating system help these applications and services synchronize with information about the devices and volumes that are hosted on iSCSI targets.

Box 2: iSCSI Target Server role service

With iSCSI Target Server, any computer running Windows Server 2012 can become a storage device.

Step 1: Install iSCSI Target Server and failover clustering Step 2: Configure the iSCSI initiator

Step 3: Create the high availability iSCSI Target Server role service Step 4: Configure iSCSI storage provider identity credentials

#### NEW QUESTION 136

Your network contains an Active Directory forest named contoso.com. The forest contains one domain.

Your company plans to open a new division named Division1. A group named Division1Admins will administer users and groups for Division1.

You identify the following requirements for Division1:

- ? All Division1 users must have a complex password that is 14 characters.
- ? Division1Admins must be able to manage the user accounts for Division1.
- ? Division1Admins must be able to create groups, and then delete the groups that they create.
- ? Division1Admins must be able to reset user passwords and force a password change at the next logon for all Division1 users.

You need to recommend changes to the forest to support the Division1 requirements.

What should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. In the forest create a new organizational unit (OU) named Division1 and delegate permissions for the OU to the Division1Admins group
- B. Move all of the Division1 user accounts to the new OU
- C. Create a fine-grained password policy for the Division1 users.
- D. Create a new child domain named division1.contoso.co
- E. Move all of the Division1 user accounts to the new domain
- F. Add the Division1Admin members to the Domain Admins group
- G. Configure the password policy in a Group Policy object (GPO).
- H. Create a new forest
- I. Migrate all of the Division1 user objects to the new forest and add the Division1Admins members to the Enterprise Admins group
- J. Configure the password policy in a Group Policy object (GPO).
- K. In the forest create a new organizational unit (OU) named Division1 and add Division1Admins to the Managed By attribute of the new OU
- L. Move the Division1 user objects to the new OU
- M. Create a fine-grained password policy for the Division1 users.

**Answer:** A

#### NEW QUESTION 139

DRAG DROP

Your company plans to deploy a remote access solution to meet the following requirements:

? Ensure that client computers that are connected to the Internet can be managed remotely without requiring that the user log on.

? Ensure that client computers that run Windows Vista or earlier can connect remotely.

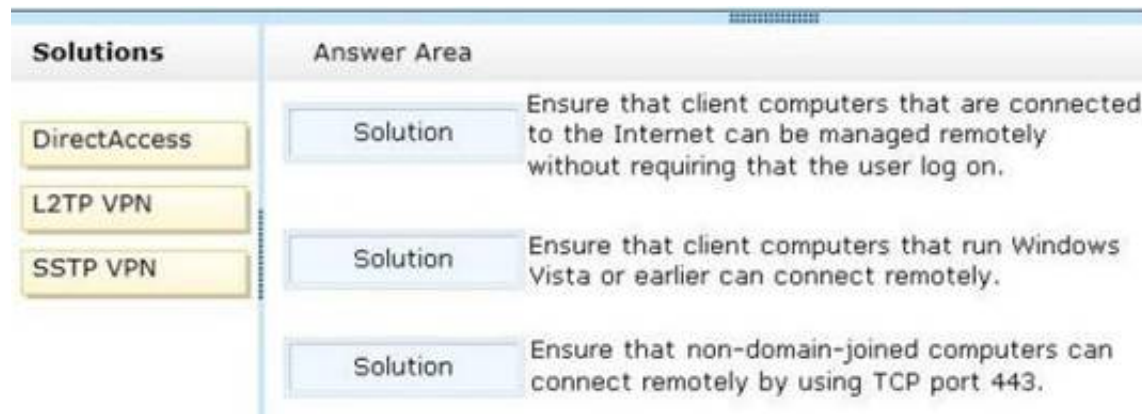
? Ensure that non-domain-joined computers can connect remotely by using TCP port 443.

You need to identify which remote access solutions meet the requirements. Which solutions should you identify?

To answer, drag the appropriate solution to the correct requirement in the answer area. Each solution may be used once, more than once, or not at all.

Additionally, you may need to drag the split bar between panes or scroll to view content.





**Answer:**

**Explanation:** Box 1: Direct Access Box 2: L2TP VPN Box 3: SSTP VPN

Note:

\*Direct is supported in Windows 7 and newer so second answer is not correct it should be L2TP VPN.

\* DirectAccess, introduced in the Windows 7 and Windows Server 2008 R2 operating systems, allows remote users to securely access enterprise shares, web sites, and applications without connecting to a virtual private network (VPN).

\* Both L2TP and IPsec must be supported by both the VPN client and the VPN server. Client support for L2TP is built in to the Windows Vista® and Windows XP remote access clients, and VPN server support for L2TP is built in to members of the Windows Server® 2008 and Windows Server 2003 family.

\* Secure Socket Tunneling Protocol (SSTP) is a form of VPN tunnel that provides a mechanism to transport PPP or L2TP traffic through an SSL 3.0 channel. SSL provides transport-level security with key-negotiation, encryption and traffic integrity checking. The use of SSL over TCP port 443 allows SSTP to pass through virtually all firewalls and proxy servers.

#### NEW QUESTION 141

Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 infrastructure.

You deploy a service named Service1 by using a service template. Service1 contains two virtual machines. The virtual machines are configured as shown in the following table.

Virtual machine name	Roles and software
VM1	Web server Windows Server 2012 R2 Operations Manager agent Configuration Manager agent
VM2	Windows Server 2012 R2 Operations Manager agent Microsoft SQL Server 2012 Configuration Manager agent

You need to recommend a monitoring solution to ensure that an administrator can review the availability information of Service1.

Solution: From Virtual Machine Manager (VMM), you modify the properties of the service template.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 142

Your network contains five servers that run Windows Server 2012 R2.

You install the Hyper-V server role on the servers. You create an external virtual network switch on each server.

You plan to deploy five virtual machines to each Hyper-V server. Each virtual machine will have a virtual network adapter that is connected to the external virtual network switch and that has a VLAN identifier of 1.

Each virtual machine will run Windows Server 2012 R2. All of the virtual machines will run the identical web application.

You plan to install the Network Load Balancing (NLB) feature on each virtual machine and join each virtual machine to an NLB cluster. The cluster will be configured to use unicast only.

You need to ensure that the NLB feature can distribute connections across all of the virtual machines.

Solution: On each Hyper-V server, you create a new private virtual network switch. From the properties of each virtual machine, you add a second virtual network adapter and connect the new virtual network adapters to the new private virtual network switches.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 147

Your network contains a Hyper-V cluster named Cluster1.

You install Microsoft System Center 2012 Virtual Machine Manager (VMM). You create a user account for another administrator named User1.

You plan to provide User1 with the ability to manage only the virtual machines that User1 creates.

You need to identify what must be created before you delegate the required permissions. What should you identify?

- A. A service template

- B. A Delegated Administrator
- C. A cloud
- D. A host group

**Answer:** D

#### NEW QUESTION 150

Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure.

You need to issue a certificate to users to meet the following requirements:

? Ensure that the users can encrypt files by using Encrypting File System (EFS).

? Ensure that all of the users reenroll for their certificate every six months.

Solution: From the properties of the User certificate template, you assign the Allow - Enroll permission to the Authenticated Users group.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 154

You have a server named Server1 that runs Windows Server 2012. You have a 3-TB database that will be moved to Server1.

Server1 has the following physical disks:

? Three 2-TB SATA disks that are attached to a single IDE controller

? One 1-TB SATA disk that is attached to a single IDE controller

You need to recommend a solution to ensure that the database can be moved to Server1. The solution must ensure that the database is available if a single disk fails.

What should you include in the recommendation?

- A. Add each disk to a separate storage poo
- B. Create a mirrored virtual disk.
- C. Add two disks to a storage poo
- D. Add the other disk to another storage poo
- E. Create a mirrored virtual disk.
- F. Add all of the disks to a single storage pool, and then create two simple virtual disks.
- G. Add all of the disks to a single storage pool, and then create a parity virtual disk.

**Answer:** D

**Explanation:** A parity virtual disk is similar to a hardware Redundant Array of Inexpensive Disks (RAID5). Data, along with parity information, is striped across multiple physical disks. Parity enables Storage Spaces to continue to service read and write requests even when a drive has failed. A minimum of three physical disks is required for a parity virtual disk. Note that a parity disk cannot be used in a failover cluster.

Reference: <https://winsvr.wordpress.com/2013/01/22/storage-space-virtual-disk/>

#### NEW QUESTION 155

Your network contains an Active Directory domain named contoso.com. The domain contains three Active Directory sites. The Active Directory sites are configured as shown in the following table.

Site name	Location
Site1	New York
Site2	Vancouver
Site3	Beijing

The sites connect to each other by using the site links shown in the following table.

Site link name	Connected sites
Link1	Site1 and Site2
Link2	Site2 and Site3
Link3	Site1 and Site3

Site link name Connected sites

You need to design the Active Directory site topology to meet the following requirements:

? Ensure that all replication traffic between Site2 and Site3 replicates through Site1 if a domain controller in Site1 is available.

? Ensure that the domain controllers between Site2 and Site3 can replicate if all of the domain controllers in Site1 are unavailable. What should you do?

- A. Delete Link1.
- B. Delete Link2.
- C. Delete Link3.
- D. Disable site link bridging.
- E. Create one site link bridge.
- F. Modify the cost of Link2.
- G. Create one SMTP site link between Site2 and Site3.
- H. Create one SMTP site link between Site1 and Site3. Create one SMTP site link between Site1 and Site2.

**Answer:** F

**Explanation:** The cost setting on a site link object determines the likelihood that replication occurs over a particular route between two site. Replication routes

with the lowest cumulative cost are preferred.

Incorrect:

Not B: If we delete Link2 we would not be able to use this redundant link if another link goes down.

Reference: Configure the Site Link Cost to Establish a Priority for Replication Routing [https://technet.microsoft.com/en-us/library/cc794882\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc794882(v=ws.10).aspx)

#### NEW QUESTION 158

Your network contains 500 client computers that run Windows 7 and a custom application named App1. App1 uses data stored in a shared folder.

You have a failover cluster named Cluster1 that contains two servers named Server1 and Server2.

Server1 and Server2 run Windows Server 2012 and are connected to an iSCSI Storage Area Network (SAN).

You plan to move the shared folder to Cluster1.

You need to recommend which cluster resource must be created to ensure that the shared folder can be accessed from Cluster1.

What should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. The Generic Application cluster role
- B. The DFS Namespace Server cluster role
- C. The clustered File Server role of the File Server for general use type
- D. The clustered File Server role of the File Server for scale-out application data type

**Answer: C**

#### NEW QUESTION 162

Your company is a hosting provider that provides cloud-based services to multiple customers.

Each customer has its own Active Directory forest located in your company's datacenter. You plan to provide VPN access to each customer. The VPN solution will use RADIUS for

authentication services and accounting services.

You need to recommend a solution to forward authentication and accounting messages from the perimeter network to the Active Directory forest of each customer. What should you recommend?

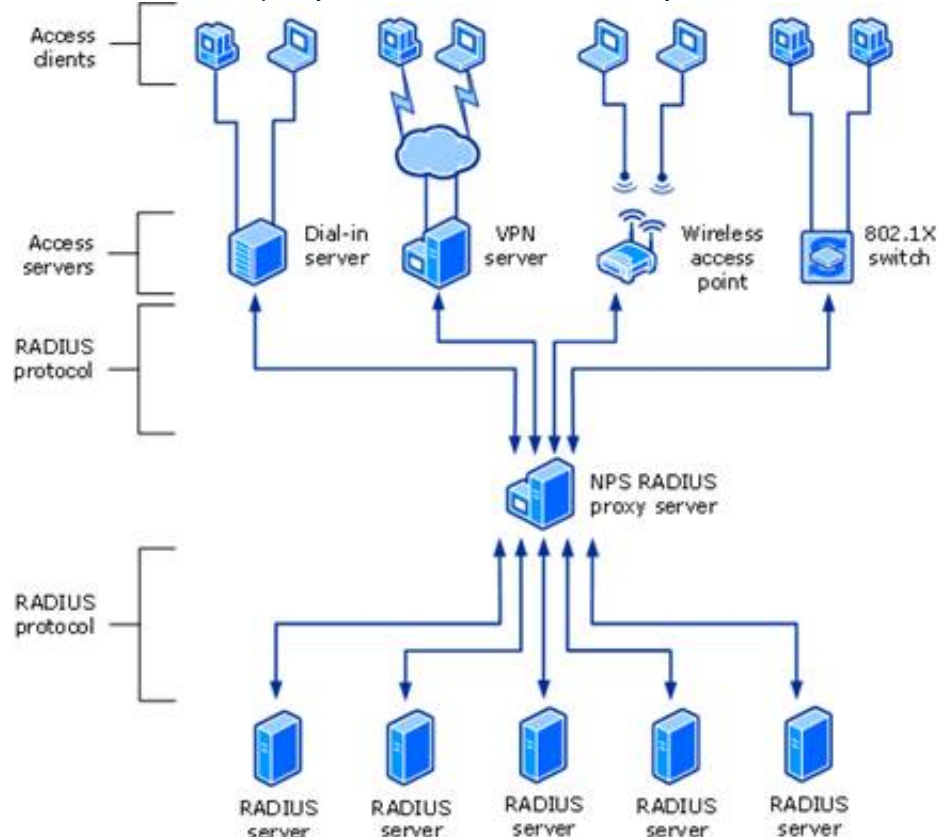
More than one answer choice may achieve the goal. Select the BEST answer.

- A. One RADIUS proxy for each customer and Active Directory Federation Services (AD FS)
- B. A RADIUS server for each customer and one RADIUS proxy
- C. One RADIUS proxy and one Active Directory Lightweight Directory Services (AD LDS) instance for each customer
- D. A RADIUS server for each customer and a RADIUS proxy for each customer

**Answer: B**

**Explanation:** One RADIUS proxy and several RADIUS servers.

You want to provide RADIUS authentication and authorization for outsourced service providers and minimize intranet firewall configuration. An intranet firewall is between your perimeter network (the network between your intranet and the Internet) and intranet. By placing an NPS server on your perimeter network, the firewall between your perimeter network and intranet must allow traffic to flow between the NPS server and multiple domain controllers. By replacing the NPS server with an NPS proxy, the firewall must allow only RADIUS traffic to flow between the NPS proxy and one or multiple NPS servers within your intranet.



Reference: RADIUS Proxy <https://msdn.microsoft.com/en-us/library/cc731320.aspx>

#### NEW QUESTION 166

HOTSPOT

You have a domain controller that hosts an Active Directory-integrated zone. On the domain controller, you run the following cmdlet:

```
PS C:\> Get-DnsServerScavenging
```

```
NoRefreshInterval:2.00:00:00 RefreshInterval:3.00:00:00 ScavengingInterval:4.00:00:00 ScavengingState:True LastScavengeTime:1/30/2014 9:10:36 AM
```

Use the drop-down menus to select the answer choice that completes each statement.



Answer Area

If a client dynamically registers a record in DNS, the client can update the time stamp of the record [answer choice]

If a client dynamically registers a record in DNS and then the client's IP address changes, the client can update the record [answer choice]

Answer Area

If a client dynamically registers a record in DNS, the client can update the time stamp of the record [answer choice]

If a client dynamically registers a record in DNS and then the client's IP address changes, the client can update the record [answer choice]

Answer:

**Explanation:** First answer

\* -NoRefreshInterval<TimeSpan>

Specifies a length of time as a TimeSpan object. NoRefreshInterval sets a period of time in which no refreshes are accepted for dynamically updated records.

Zones on the server inherit this value automatically.

This value is the interval between the last update of a timestamp for a record and the earliest time when the timestamp can be refreshed. The minimum value is 0.

The maximum value is 8760 hours (seven days).

\* Here it is set to 2 days: NoRefreshInterval:2.00:00:00

Second answer

-ScavengingState<Boolean> (In this question it is set to true)

Enables or disables automatic scavenging of stale records. ScavengingState determines whether the DNS scavenging feature is enabled by default on newly created zones. The acceptable values for this parameter are:

-- \$False. Disables scavenging. This is the default setting.

-- \$True. Enables scavenging

**NEW QUESTION 169**

Your network contains an Active Directory domain named contoso.com. All domain controllers run Windows Server 2012 R2. The forest functional level is Windows Server 2012.

Your company plans to deploy an application that will provide a search interface to users in the company.

The application will query the global catalog for the Employee-Number attribute. You need to recommend a solution to ensure that the application can retrieve the Employee-Number value from the global catalog.

What should you include in the recommendation?

- A. the Set-AdObject cmdlet
- B. The Set-User cmdlet
- C. the Set-ADUser cmdlet
- D. the cluster command

Answer: C

**NEW QUESTION 173**

Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2012 R2. The network contains a System Center 2012 R2 Data Protection Manager (DPM) deployment.

The domain contains six servers. The servers are configured as shown in the following table.

Server name	Role	Node in cluster
Server1	Domain controller	Not applicable
Server2	Domain controller	Not applicable
Server3	Microsoft SQL Server	Cluster1
Server4	Microsoft SQL Server	Cluster1
Server5	Not applicable	Cluster2
Server6	Not applicable	Cluster2

You install System Center 2012 R2 Virtual Machine Manager (VMM) on the nodes in Cluster2.

You configure VMM to use a database in Cluster1. Server5 is the first node in the cluster. You need to back up the VMM encryption key.

What should you back up?

- A. A full system backup of Server1
- B. A full system backup of Server3
- C. A backup of the Windows\DigitalLocker folder on Server5
- D. A backup of the Windows\DigitalLocker folder on Server1

**Answer:** A

#### NEW QUESTION 178

You manage a server infrastructure for a software development company. There are 30 physical servers distributed across 4 subnets, and one Microsoft Hyper-V cluster that can run up to 100 virtual machines (VMs). You configure the servers to receive the IP address from a DHCP server named SERVER1 that runs Microsoft Windows Server 2012 R2. You assign a 30-day duration to all DHCP leases. Developers create VMs in the environment to test new software. They may create VMs several times each week. Developers report that some new VMs cannot acquire IP address. You observe that the DHCP scope is full and delete non-existent devices manually. All physical servers must keep their current DHCP lease configuration. You need to ensure that the DHCP lease duration for VMs is 8 hours. What should you configure?

- A. 4 server-level Allow filters
- B. 1 server-level DHCP policy
- C. 1 scope-level DHCP policy
- D. 4 scope-level exclusion ranges

**Answer:** B

**Explanation:** We should use a server level DHCP policy as they apply to all DHCP clients.

Note: Policies can apply at the server level or the scope level. Server level policies are processed for all DHCP client requests received by the server. Scope level policies are processed only for DHCP client requests that apply to a specific scope.

Reference: Introduction to DHCP Policies <https://technet.microsoft.com/en-us/library/dn425039.aspx>

#### NEW QUESTION 183

DRAG DROP

You manage a server named DA01 that has the DirectAccess feature configured. You deploy a new server named DA02. Both servers run Microsoft Windows Server 2012 R2.

You need to configure a Direct Access load-balanced cluster named WAP01 that contains servers DA01 and DA02.

How should you complete the relevant Windows PowerShell commands? To answer, drag the appropriate Windows PowerShell segment to the correct locations. Each Windows PowerShell segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

PowerShell Segments	Answer Area
NLB	Add-WindowsFeature [ ] -ComputerName DA01
DirectAccess-VPN, NLB	Add-WindowsFeature [ ] -ComputerName DA02
WAP01	Set-RemoteAccessLoadBalancer -ComputerName [ ]
DA01	-InternetVirtualIPAddress "192.168.3.50/255.255.255.0"
DA02	-InternetDedicatedIPAddress "192.168.3.102/255.255.255.0"
Failover-Clustering	Add-RemoteAccessLoadBalancerNode -ComputerName [ ]
DirectAccess-VPN, Failover-Clustering	-RemoteAccessServer [ ]

**Answer:**

**Explanation:** Box 1: Add-WindowsFeature -Name DirectAccess-VPN, NLB

We set up DA01 for Directaccess-VPN and for Network load balancing. Box 2: NLB

DA02 will be a node in the cluster so it needs NLB Box 3: WAP01

Set up the cluster named WAP01. Box 4: DA02

Box 5: DA01

DA02 is a node in the cluster, while DA01 is the DirectAccess server. We add the DA02 server to the load balanced cluster as node. The Add-RemoteAccessLoadBalancerNode cmdlet adds a server to the load balanced cluster. The server is added to the cluster to which the server on which the cmdlet is run, or to the server specified in the ComputerName parameter.

The -RemoteAccessServerParameter specifies a remote access server which should be added to the cluster. In this case DA01.

#### NEW QUESTION 186

Your network contains an Active Directory forest named contoso.com. The forest functional level is Windows Server 2012.

The forest contains an Active Directory domain. The domain contains a global security group named GPO\_Admins that is responsible for managing Group Policies in the forest.

A second forest named fabrikam.com contains three domains. The forest functional level is Windows Server 2003.

You need to design a trust infrastructure to ensure that the GPO\_Admins group can create, edit, and link Group Policies in every domain of the fabrikam.com forest.

What should you include in the design?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. A two-way forest trust
- B. A one-way forest trust
- C. Three external trusts
- D. Three shortcut trusts

**Answer:** B

**Explanation:** A one-way trust is a unidirectional authentication path created between two domains. In a one-way trust between Domain A and Domain B, users in Domain A can access resources in Domain B. However, users in Domain B cannot access resources in Domain A. In this question Domain A would be contoso.com, which has the GPO\_Admins group, and Domain B would be the fabrikam.com domain, to which the GPO\_Admins should have access.

Reference: How Domain and Forest Trusts Work [https://technet.microsoft.com/en-us/library/cc773178\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc773178(v=ws.10).aspx)



### NEW QUESTION 188

Your company has a main office. The main office is located in a building that has 10 floors.

A datacenter on the ground floor contains a Windows Server 2012 failover cluster. The failover cluster contains a DHCP server resource named DHCP1. All client computers receive their IP addresses from DHCP1. All client computers are part of the 131.107.0.0/16 IPv4 subnet.

You plan to implement changes to the network subnets to include a separate subnet for each floor of the office building. The subnets will connect by using routers.

You need to recommend changes to the DHCP infrastructure to ensure that all of the client computers can receive their IP configuration by using DHCP.

What should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Install a remote access server on each floor
- B. Configure a DHCP relay agent on each new DHCP server
- C. Create a scope for each subnet on DHCP1.
- D. Install a DHCP server on each floor
- E. Create a scope for the local subnet on each new DHCP server
- F. Enable DHCP Failover on each new DHCP server.
- G. Configure each router to forward requests for IP addresses to DHCP1. Create a scope for each subnet on DHCP1.
- H. Configure each router to forward requests for IP addresses to DHCP1. Create a scope for the 10.0.0.0/16 subnet on DHCP1.

**Answer: C**

**Explanation:** In TCP/IP networking, routers are used to interconnect hardware and software used on different physical network segments called subnets and forward IP packets between each of the subnets. To support and use DHCP service across multiple subnets, routers connecting each subnet should comply with DHCP/ BOOTP relay agent capabilities described in RFC 1542.

Reference: Support multiple subnets with one DHCP server by configuring DHCP relay agents

<http://technet.microsoft.com/en-us/library/cc771390.aspx>

### NEW QUESTION 191

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains an IP Address Management (IPAM) server.

You plan to delegate the administration of IPAM as shown in the following table.

Department name	Requirement
Dept1	View IP address tracking information
Dept2	View IP address spaces
Dept3	Create an IP address block

You need to recommend which IPAM security group must be used for each department. The solution must minimize the number of permissions assigned to each group.

What should you recommend?

To answer, drag the appropriate group to the correct department in the answer area. Each group may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Groups	Answer Area	
IPAM ASM Administrators	Dept1	Group
IPAM IP Audit Administrators	Dept2	Group
IPAM MSM Administrators	Dept3	Group
IPAM Users		

**Answer:**

**Explanation:** Box 1:

IPAM IP Audit Administrators

Box 2:

IPAM Users

Box 3:

IPAM ASM Administrators

\* IPAM IP Audit Administrators: Members of this group have IPAM Users privileges and can perform IPAM common management tasks and can view IP address tracking information.

\* IPAM Users: Members of this group can view all information in server discovery, IP address space, and server management. They can view IPAM and DHCP server operational events, but cannot view IP address tracking information.

\* IPAM ASM Administrators: IPAM address space management (ASM) administrators have IPAM Users privileges and can perform IPAM common management tasks and IP address space tasks.

### NEW QUESTION 196

Your network contains an Active Directory forest that has two domains named contoso.com and europe.contoso.com. The forest contains five servers. The servers are configured as shown in the following table.

Server name	Location	Configuration	Operating system
DC1	Contoso.com	<ul style="list-style-type: none"> <li>Domain controller</li> <li>DHCP server</li> <li>DNS server</li> </ul>	Windows Server 2008 R2
DC2	Contoso.com	<ul style="list-style-type: none"> <li>Domain controller</li> <li>DHCP server</li> <li>DNS server</li> </ul>	Windows Server 2008 R2
DCE1	Europe.contoso.com	<ul style="list-style-type: none"> <li>Domain controller</li> <li>DHCP server</li> <li>DNS server</li> </ul>	Windows Server 2003 R2
DCE2	Europe.contoso.com	<ul style="list-style-type: none"> <li>Domain controller</li> <li>DHCP server</li> <li>DNS server</li> </ul>	Windows Server 2003 R2
Server1	Contoso.com	File server	Windows Server 2012

You plan to manage the DHCP settings and the DNS settings centrally by using IP Address Management (IPAM).

You need to ensure that you can use IPAM to manage the DHCP and DNS settings in both domains. The solution must use the minimum amount of administrative effort.

What should you do?

- A. Upgrade DCE1 and DCE2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
- B. Run the Set-IpamConfiguration cmdlet for each domain.
- C. Upgrade DCE1 and DCE2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
- D. Run the Invoke-IpamGpoProvisioning cmdlet for each domain.
- E. Upgrade DC1 and DC2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
- F. Run the Invoke-IpamGpoProvisioning cmdlet for each domain.
- G. Upgrade DC1 and DC2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
- H. Run the Set-IpamConfiguration cmdlet for each domain.

**Answer: B**

**Explanation:** \* You can use IPAM to manage DHCP servers running on Windows Server 2008 R2 and above. Here DCE1 and DCE2 are running Windows 2003, so they need to be upgraded to Windows Server 2008 R2 or above.

\* Invoke-IpamGpoProvisioning

Creates and links group policies in the specified domain for provisioning required access settings on the servers managed by the computer running the IP Address Management (IPAM) server.

Incorrect:

Not C: DC1 and DC2 do not need to be upgraded as IPAM can manage DHCP servers running on Windows Server 2008 R2 and above.

Not A, Not D: Set-IpamConfiguration

Sets the configuration for the computer running the IP Address Management (IPAM) server, including the TCP port number over which the computer running the IPAM Remote Server Administration Tools (RSAT) client connects with the computer running the IPAM server.

Reference: IPAM managed DHCP server requirements <http://windowsitpro.com/windows-server-2003-end-support/ipam-managed-dhcp-server-requirements>

Upgrade the Windows 2003 Servers.

#### NEW QUESTION 198

You are the administrator for a large company. You plan to implement servers in the environment that do not use local hard drives.

You need to recommend a supported storage solution. Which technology should you recommend?

- A. Clustered NAS
- B. Cloud storage
- C. USB flash drive
- D. iSCSISAN
- E. Cloud Storage

**Answer: D**

#### NEW QUESTION 199

DRAG DROP

Your network contains an Active Directory forest. The forest contains two domains named contoso.com and fabrikam.com.

You plan to decommission the fabrikam.com domain. You need to perform the following migration tasks:

? Copy user accounts from the fabrikam.com domain to the contoso.com domain.

? Move the client computers from fabrikam.com to contoso.com.

The solution must ensure that all of the user profiles are associated to the migrated user accounts.

Which tool should you use to perform each task?

To answer, drag the appropriate tool to the correct migration task in the answer area. Each tool may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content.

Tools	Answer Area
Active Directory Migration Tool (ADMT)	Tool Copy user accounts from the fabrikam.com domain to the contoso.com domain.
Microsoft Deployment Toolkit (MDT)	Tool Move the client computers from fabrikam.com to contoso.com.
User State Migration Tool (USMT)	
Windows Server Migration Tools	

**Answer:**

**Explanation:** Box 1: Active Directory Migration Tool (ADMT) Box 2: Active Directory Migration Tool (ADMT)

Note:

\* You can use ADMT to migrate objects in Active Directory forests. This tool includes wizards that automate migration tasks, such as migrating users, groups, service accounts, computers, and trusts and performing security translation.

\* You might perform an interforest restructure for business changes, such as mergers or acquisitions or divestitures, in which your organizations have to combine or divide resources. As part of the restructuring process, when you migrate objects between forests both the source and target domain environments exist simultaneously.

\* Migration objects Domain objects that are moved from the source domain to the target domain during the migration process. Migration objects can be user accounts, service accounts, groups, or computers.

#### NEW QUESTION 202

Your network contains an Active Directory domain named contoso.com. The domain contains four computers that are configured as shown in the following table.

Server name	Hypervisor
Server1	Hyper-V on Windows Server 2012
Server2	Hyper-V on Windows Server 2008 R2
Server3	VMware ESXi 5.0
Client1	Hyper-V on Windows 8

You plan to use domain controller cloning.

You need to identify on which computers you can clone domain controllers that run Windows Server 2012.

Which computers should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Server1
- B. Server2
- C. Server3
- D. Client1

**Answer:** AD

**Explanation:** DC cloning can be done from either Hyper-V on Server 2012 and Hyper-V on Windows 8.

Reference: <http://www.anotherwindowsblog.com/2013/04/creating-vm-clones-in-microsoft-hyper-v.html>

#### NEW QUESTION 205

Your company has a main office and a branch office. The main office contains 2,500 users. The branch office contains 1200 users. Each office contains two IP subnets.

The company plans to deploy an Active Directory forest.

You need to recommend an Active Directory infrastructure to meet the following requirements:

? Ensure that the users are authenticated by using a domain controller in their respective office.

? Minimize the amount of Active Directory replication traffic between the offices.

Which Active Directory infrastructure should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Three domains and three site
- B. Two domains and three sites
- C. One domain and three sites
- D. One domain and six sites

**Answer:** A

**Explanation:** Reference: Active Directory Replication Traffic <https://msdn.microsoft.com/en-us/library/bb742457.aspx>

#### NEW QUESTION 209

Your company has a main office and a branch office. The main office contains 2,000 users. The branch office contains 800 users. Each office contains three IP subnets.

The company plans to deploy an Active Directory forest.

You need to recommend an Active Directory infrastructure to meet the following requirements:

? Ensure that the users are authenticated by using a domain controller in their respective office.

? Minimize the amount of Active Directory replication traffic between the offices.

Which Active Directory infrastructure should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Two domains and one site
- B. Two domains and two sites
- C. One domain and two sites
- D. One domain and six sites

**Answer:** B

**Explanation:** To minimize the amount of replication traffic, create 2 sites.

To ensure that users are authentication by using a local domain controller, use two domains.

Reference: Active Directory Replication Traffic <https://msdn.microsoft.com/en-us/library/bb742457.aspx>



**NEW QUESTION 212**

A company has offices in multiple geographic locations. The sites have high-latency, low- bandwidth connections. You need to implement a multisite Windows Deployment Services (WDS) topology for deploying standard client device images to all sites.

Solution: At each site, you install a WDS Server. You apply the same configuration settings to each WDS Server. You configure Distributed File Server Replication (DFSR) to synchronize install images.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:** DFS Replication is compatible with Remote Installation Services (RIS) and WDS.

Reference: DFS Replication: Frequently Asked Questions (FAQ) [https://technet.microsoft.com/en-us/library/cc773238\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc773238(v=ws.10).aspx)

**NEW QUESTION 217**

Your network contains an Active Directory forest named contoso.com.

You plan to deploy 200 Hyper-V hosts by using Microsoft System Center 2012 Virtual Machine Manager (VMM) Service Pack 1 (SP1).

You add a PXE server to the fabric.

You need to identify which objects must be added to the VMM library for the planned deployment.

What should you identify? (Each correct answer presents part of the solution. Choose all that apply.)

- A. A host profile
- B. A capability profile
- C. A hardware profile
- D. A generalized image
- E. A service template

**Answer:** AD

**Explanation:** After installing a PXE server, we build a deployment image from which we will deploy new Hyper-V hosts. That image must be a generalized virtual hard disk (VHD) file. After the image has been created we create a host profile.

Reference: System Center Virtual Machine Manager: Virtual machine management simplified

<https://technet.microsoft.com/en-us/magazine/jj884468.aspx>

**NEW QUESTION 222**

A company has offices in multiple geographic locations. The sites have high-latency, low- bandwidth connections. You need to implement a multisite Windows Deployment Services (WDS) topology for deploying standard client device images to all sites.

Solution: At each site, you create a multicast deployment. You pre-stage the client images that you plan to deploy and point them to the local WDS server.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:** One of the advantages of prestaging clients is the ability for multiple Windows Deployment Services servers to service the same network segment. You can do this by restricting the server to answer only a particular set of clients.

Reference: Prestaging Client Computers [https://technet.microsoft.com/en-us/library/cc770832\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc770832(v=ws.10).aspx)

**NEW QUESTION 227**

Your company has a main office and three branch offices. The main office is located in North America. The branch offices are located in South America, Europe and Asia.

You plan to design an Active Directory forest and domain infrastructure.

You need to recommend an Active Directory design to meet the following requirements:

\* The administrator in the Asia office must be able to deploy a custom application named App1. App1 requires modify to the Active Directory Schema.

\* The contact information of all the users in the Europe office must not be visible to the users in the other offices.

\* The administrators in each office must be able to control the user settings and the computer settings of the users in their respective office.

The solution must use the least amount of administrative effort. What should you include in the recommendation?

- A. One forest that contains four domains
- B. Four forests that each contain one domain
- C. Two forests that each contain one domain
- D. One forest that contains one domain

**Answer:** A

**NEW QUESTION 230**

Your network contains two servers named Server1 and Server2 that run Windows Server 2012. Server1 and Server2 have the Hyper-V server role installed and are part of a host group named Group1 in Microsoft System Center 2012 Virtual Machine Manager (VMM).

Server1 and Server2 have identical hardware, software, and settings.

You configure VMM to migrate virtual machines if the CPU utilization on a host exceeds 65 percent. The current load on the servers is shown following table.

Server	Virtual machine	CPU utilization
Server1	VM1	20 percent
Server1	VM2	20 percent
Server1	VM3	15 percent
Server2	VM4	15 percent
Server2	VM5	15 percent
Server2	VM6	15 percent
Server2	VM7	15 percent

You start a new virtual machine on Server2 named VM8. VM8 has a CPU utilization of 20 percent.

You discover that none of the virtual machines hosted on Server2 are migrated to Server1. You need to ensure that the virtual machines hosted on Server2 are migrated to Server1. What should you modify from the Dynamic Optimization configuration?

- A. The Host Reserve threshold
- B. The Power Optimization threshold
- C. The Aggressiveness level
- D. The Dynamic Optimization threshold

**Answer:** C

#### NEW QUESTION 235

Your network contains an Active Directory domain named contoso.com. The domain contains several domain controllers. The domain controllers run either Windows Server 2012 or Windows Server 2008 R2.

The domain functional level is Windows Server 2008 R2. The forest functional level is Windows Server 2008.

The corporate compliance policy states that all items deleted from Active Directory must be recoverable from a Recycle Bin.

You need to recommend changes to the current environment to meet the compliance policy.

Which changes should you recommend? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Raise the forest functional level to Windows Server 2008 R2.
- B. Run the Enable-ADOptionalFeature cmdlet.
- C. Run the New-ADObject cmdlet.
- D. Run the Set-Server cmdlet
- E. Raise the domain functional level to Windows Server 2012.

**Answer:** AB

**Explanation:** You can enable Active Directory Recycle Bin only if the forest functional level of your environment is set to Windows Server 2008 R2.

B: Enabling Active Directory Recycle Bin

After the forest functional level of your environment is set to Windows Server 2008 R2, you can enable Active Directory Recycle Bin by using the following methods:

/ Enable-ADOptionalFeature Active Directory module cmdlet (This is the recommended method.)

/ Ldp.exe

Note: By default, Active Directory Recycle Bin in Windows Server 2008 R2 is disabled. Reference: Enable Active Directory Recycle Bin

#### NEW QUESTION 239

Your network contains an Active Directory domain named contoso.com. The domain contains servers that run either Windows Server 2008 R2 or Windows Server 2012.

All client computers on the internal network are joined to the domain. Some users establish VPN connections to the network by using Windows computers that do not belong to the domain.

All client computers receive IP addresses by using DHCP.

You need to recommend a Network Access Protection (NAP) enforcement method to meet the following requirements:

- ? Verify whether the client computers have up-to-date antivirus software.
- ? Provides a warning to users who have virus definitions that are out-of-date.
- ? Ensure that client computers that have out-of-date virus definitions can connect to the network.

Which NAP enforcement method should you recommend?

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

**Answer:** A

**Explanation:** NAP enforcement for DHCP

DHCP enforcement is deployed with a DHCP Network Access Protection (NAP) enforcement server component, a DHCP enforcement client component, and Network Policy Server (NPS).

Using DHCP enforcement, DHCP servers and NPS can enforce health policy when a computer attempts to lease or renew an IP version 4 (IPv4) address.

However, if client computers are configured with a static IP address or are otherwise configured to circumvent the use of DHCP, this enforcement method is not effective.

Note: The NAP health policy server can use a health requirement server to validate the health state of the NAP client or to determine the current version of software or updates that need to be installed on the NAP client.

Reference: NAP Enforcement for DHCP [http://technet.microsoft.com/en-us/library/cc733020\(v=ws.10\).aspx](http://technet.microsoft.com/en-us/library/cc733020(v=ws.10).aspx)

#### NEW QUESTION 241

DRAG DROP



Your network contains an Active Directory forest named contoso.com.  
Your company merges with another company that has an Active Directory forest named litwareinc.com.  
Each forest has one domain.  
You establish a two-way forest trust between the forests.  
The network contains three servers. The servers are configured as shown in the following table.

Server name	Configuration
dc1.contoso.com	<ul style="list-style-type: none"> <li>Windows Server 2012</li> <li>Domain controller</li> <li>DNS server that has an Active-Directory integrated zone for contoso.com</li> </ul>
dc1.litwareinc.com	<ul style="list-style-type: none"> <li>Windows Server 2012</li> <li>Domain controller</li> <li>DNS server that has an Active-Directory integrated zone for litwareinc.com</li> </ul>
server1.contoso.com	<ul style="list-style-type: none"> <li>Windows Server 2012</li> <li>Member server</li> </ul>

You confirm that the client computers in each forest can resolve the names of the client computers in both forests.  
On dc1.litwareinc.com, you create a zone named GlobalNames.  
You need to recommend changes in both forests to ensure that the users in both forests can resolve single-label names by using the GlobalNames zone in litwareinc.com.  
Which changes should you recommend?  
To answer, drag the appropriate configuration to the correct server in the answer area. Each configuration may be used once, more than once, or not at all.  
Additionally, you may need to drag the split bar between panes or scroll to view content.

Configurations	Answer Area								
Add a conditional forwarder.	<table border="1"> <thead> <tr> <th>Server name</th> <th>Configuration</th> </tr> </thead> <tbody> <tr> <td>dc1.contoso.com</td> <td>Configuration</td> </tr> <tr> <td></td> <td>Configuration</td> </tr> <tr> <td>dc1.litwareinc.com</td> <td>Configuration</td> </tr> </tbody> </table>	Server name	Configuration	dc1.contoso.com	Configuration		Configuration	dc1.litwareinc.com	Configuration
Server name		Configuration							
dc1.contoso.com		Configuration							
		Configuration							
dc1.litwareinc.com	Configuration								
Enable GlobalNames support.									
Create an alias (CNAME) record for Server1.									
Create a GlobalNames service location (SRV) record.									

**Answer:**

**Explanation:** Deploying a GlobalNames zone

The specific steps for deploying a GlobalNames zone can vary somewhat, depending on the AD DS topology of your network.

Step 1: Create the GlobalNames zone

Step 2(Box 1, box 3) : Enable GlobalNames zone support

The GlobalNames zone is not available to provide name resolution until GlobalNames zone support is explicitly enabled by using the following command on every authoritative DNS server in the forest:

dnscmd <ServerName> /config /enableglobalnamesupport 1 Step 3:Replicate the GlobalNames zone

Step 4: Populate the GlobalNames zone

Step 5 (box 2) : Publish the location of the GlobalNames zone in other forests

If you want DNS clients in other forests to use the GlobalNames zone for resolving names, add service location (SRV) resource records to the forest-wide DNS application partition, using the service name \_globalnames.\_msdcs and specifying the FQDN of the DNS server that hosts the GlobalNames zone.

#### NEW QUESTION 243

Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 infrastructure.  
You deploy a service named Service1 by using a service template. Service1 contains two virtual machines. The virtual machines are configured as shown in the following table.

Virtual machine name	Roles and software
VM1	Web server Windows Server 2012 R2 Operations Manager agent Configuration Manager agent
VM2	Windows Server 2012 R2 Operations Manager agent Microsoft SQL Server 2012 Configuration Manager agent

You need to recommend a monitoring solution to ensure that an administrator can review the availability information of Service1.  
Solution: From Operations Manager, you create a Distributed Application and a Monitor Override.  
Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 248

Two modes of operation are available when deploying WDS.  
Which of the following are not included in those modes? (Choose two.)

- A. Deployment
- B. Image Response
- C. Transport
- D. Capture

**Answer:** AC

#### NEW QUESTION 251

You plan to simplify the organizational unit (OU) structure for a company. You must consolidate all member servers in the domain to a single OU named MemberServers.

You need to apply Group Policy settings for servers that meet the following criteria:

? Server operating systems: Windows Server 2012

? Server hardware platform: 64-bit

? Server memory: less than 16 GB of RAM

Solution: You create a WMI filter action that includes the following query:

```
select * from Win32_OperatingSystem where Version like  
"6.2%" and ProductType="1" and OSArchitecture = "64-bit" where  
Win32_PhysicalMemory > 16000000000
```

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:** The line Win32\_PhysicalMemory > 16000000000 means that the server memory must be larger than 16 GB. The WMI-filter should include the line Win32\_PhysicalMemory < 16000000000.

Note: The other criteria were OK:

Win32\_operatingsystem version number 6.2 indicates that it is either Windows 8 or Windows Server 2012.

Win32\_operatingsystem ProductType 3 indicates that it is an Server Operating system, but not a domain controller.

OSArchitecture ="64-bit" is also OK: the server hardware platform should be 64-bit.

Reference: Updated List of OS Version Queries for WMI Filters <http://www.nogeekleftbehind.com/2013/09/10/updated-list-of-os-version-queries-for-wmi-filters/>

#### NEW QUESTION 256

Your network contains two data centers named DataCenter1 and DataCenter2. The two data centers are connected by using a low-latency high-speed WAN link. Each data center contains multiple Hyper-V hosts that run Windows Server 2012. All servers connect to a Storage Area Network (SAN) in their local data center.

You plan to implement 20 virtual machines that will be hosted on the Hyper-V hosts.

You need to recommend a hosting solution for the virtual machines.

The solution must meet the following requirements:

? Virtual machines must be available automatically on the network if a single Hyper- V host fails.

? Virtual machines must be available automatically on the network if a single data center fails.

What should you recommend?

- A. One failover cluster in DataCenter1 and Hyper-V replicas to DataCenter2
- B. One failover cluster in DataCenter2 and one DFS Replication group in DataCenter1
- C. One failover cluster that spans both data centers and SAN replication between the data centers
- D. One failover cluster and one Distributed File System (DFS) Replication group in each data center

**Answer:** C

#### NEW QUESTION 257

Your company has a main office and a branch office.

You plan to implement a failover cluster named Cluster1 to host an application named App1. The data of App1 will replicate to all of the nodes in Cluster1.

Cluster1 will contain two servers. The servers will be configured as shown in the following table.

Server name	Office
Server1	Main
Server2	Main

The cluster nodes will not use shared storage.

The branch office contains two file servers named Server3 and Server4.

You need to ensure that App1 fails over automatically to another server if a single node in Cluster1 fails.

What should you do?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. Add Server3 as a node in Cluster1.
- B. Add Server1, Server2, and Server3 to a Network Load Balancing (NLB) cluster.
- C. Add Server3 and Server4 to a new failover cluster named Cluster2. Install App1 on Cluster2.
- D. Add Server3 as a file share witness for Cluster1.

**Answer:** D

#### NEW QUESTION 260

## HOTSPOT

You run the ldifde command and receive the following output:

```
C:\Users\Admin1> ldifde -f Export.ldif -d "CN=Schema,CN=Configuration,DC=contoso,DC=com"
Connecting to "Server01.contoso.com"
Logging in as current user using SSPI
Exporting directory to file Export.ldif
Searching for entries...
Writing out entries.....
1739 entries exported
```

The command completes successfully.

Use the drop-down menus to select the answer choice that completes each statement.

### Answer Area

The Active Directory [answer choice] was exported from the contoso.com domain.

At a minimum, the user who performed the operation is a member of [answer choice]

### Answer Area

The Active Directory [answer choice] was exported from the contoso.com domain.

At a minimum, the user who performed the operation is a member of [answer choice]

### Answer:

**Explanation:** Box 1: Schema

Box 2: Domain Users

Box 1: Schema

The -d parameter the sets the distinguished name of the search base for data export. Here the distinguished name is Schema.configuration.contoso.com

Box 2: Domain user

No special permissions are required to export the schema from the source forest, and any domain user can perform this task.

## NEW QUESTION 263

Your network contains an Active Directory domain. All servers run Windows Server 2012 R2.

The domain contains the servers shown in the following table.

Server name	Data type
Server1	A database server that has several instances of Microsoft SQL Server 2012
Server2	A file server that stores user home folders and shared documents
Server3	A Microsoft System Center 2012 R2 Virtual Machine Manager (VMM) library server that hosts virtual hard disks (VHDs)
Server4	A Microsoft Exchange Server 2013 server that has the Mailbox server role and the Client Access server role

You need to recommend which servers will benefit most from implementing data deduplication.

Which servers should you recommend?

- A. Server1 and Server2
- B. Server1 and Server3
- C. Server1 and Server4
- D. Server2 and Server3
- E. Server2 and Server4
- F. Server3 and Server4

### Answer: D

**Explanation:** \* Server 2: Data deduplication involves finding and removing duplication within data without compromising its fidelity or integrity. The goal is to store more data in less space by segmenting files into small variable-sized chunks (32–128 KB), identifying duplicate chunks, and maintaining a single copy of each chunk. Redundant copies of the chunk are replaced by a reference to the single copy. The chunks are compressed and then organized into special container files in the System Volume Information folder

\* Server 3: In Windows Server 2012 R2, Data Deduplication can be installed on a scale-out file server and used to optimize live VHDs for VDI workloads.

Reference: What's New in Data Deduplication in Windows Server

## NEW QUESTION 268



Your network contains an Active Directory domain named contoso.com. The domain contains multiple sites.

You plan to deploy DirectAccess.

The network security policy states that when client computers connect to the corporate network from the Internet, all of the traffic destined for the Internet must be routed through the corporate network.

You need to recommend a solution for the planned DirectAccess deployment that meets the security policy requirement.

Solution: You set the ISATAP State to state disabled. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:** With NAT64 and DNS64, the DirectAccess server now has the ability to take those client IPv6 packets and spin them down into IPv4 packets, so you can simply leave your internal network all IPv4. So back in the beginning it was standard practice to enable ISATAP globally. Today, because of the known issues, it is recommended not to use ISATAP at all, unless you have a specific reason for needing it.

Note: ISATAP defines a method for generating a link-local IPv6 address from an IPv4 address, and a mechanism to perform Neighbor Discovery on top of IPv4. Reference: IS ISATAP REQUIRED FOR DIRECTACCESS?

#### NEW QUESTION 269

Your company plans to hire 100 sales representatives who will work remotely.

Each sales representative will be given a laptop that will run Windows 7. A corporate image of Windows 7 will be applied to each laptop.

While the laptops are connected to the corporate network, they will be joined to the domain. The sales representatives will not be local administrators.

Once the laptops are configured, each laptop will be shipped by courier to a sales representative.

The sales representative will use a VPN connection to connect to the corporate network. You need to recommend a solution to deploy the VPN settings for the sales

representatives. The solution must meet the following requirements:

? Ensure that the VPN settings are the same for every sales representative.

? Ensure that when a user connects to the VPN, an application named App1 starts.

What is the best approach to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- A. VPN auto triggering
- B. The Add-VpnConnection cmdlet
- C. The Connection Manager Administration Kit (CMAK)
- D. Group Policy preferences

**Answer:** C

**Explanation:** We can use CMAK to create a connection that starts the Application App1 when the connection is established. The latter is achieved through the configuring CMAK "Post-Connect" custom action.

Note : Connection Manager is a client network connection tool that allows a user to connect to a remote network, such as an Internet service provider (ISP), or a corporate network protected by a virtual private network (VPN) server.

The Connection Manager Administration Kit (CMAK) is a tool that you can use to customize the remote connection experience for users on your network by creating predefined connections to remote servers and networks. To create and customize a connection for your users, you use the CMAK wizard.

Incorrect:

Not B: The Add-VpnConnection cmdlet would be able to establish a connection, but it could not start the App1 application.

Reference: Connection Manager Administration Kit <https://technet.microsoft.com/en-us/library/cc752995.aspx>

#### NEW QUESTION 274

Your company has a main office and a branch office.

The network contains an Active Directory domain named contoso.com. The domain contains three domain controllers. The domain controllers are configured as shown in the following table.

Domain controller name	Location	Type
DC1	Main office	Writable domain controller
DC2	Main office	Writable domain controller
RODC1	Branch office	Read-only domain controller (RODC)

The domain contains two global groups. The groups are configured as shown in the following table.

Group name	Description
Helpdesk	Supports users throughout the company.
Branch1Users	Contains users that work in the branch office only.

You need to ensure that the RODC is configured to meet the following requirements:

? Cache passwords for all of the members of Branch1Users.

? Prevent the caching of passwords for the members of Helpdesk.

What should you do?

- A. Modify the membership of the Denied RODC Password Replication group.
- B. Install the BranchCache feature on RODC1.
- C. Modify the delegation settings of RODC1.
- D. Create a Password Settings object (PSO) for the Helpdesk group.

**Answer:** A

**Explanation:** Password Replication Policy Allowed and Denied lists

Two new built-in groups are introduced in Windows Server 2008 Active Directory domains to support RODC operations. These are the Allowed RODC Password Replication Group and Denied RODC Password Replication Group.



These groups help implement a default Allowed List and Denied List for the RODC Password Replication Policy. By default, the two groups are respectively added to the msDS-RevealOnDemandGroup and msDS-NeverRevealGroup Active Directory attributes.

Reference: Password Replication Policy [https://technet.microsoft.com/en-us/library/cc730883\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc730883(v=ws.10).aspx)

**NEW QUESTION 278**

Your network contains an Active Directory domain named contoso.com. The domain contains a Microsoft System Center 2012 infrastructure. The domain contains two sites named Site1 and Site2. The sites connect to each other by using a 1-Mbps WAN link.

The sites contain four servers. The servers are configured as shown in the following table.

Server name	Site	Configuration
Server1	Site1	<ul style="list-style-type: none"><li>Windows Server 2012</li><li>Virtual Machine Manager (VMM)</li><li>Windows Deployment Services (WDS)</li></ul>
Server2	Site1	<ul style="list-style-type: none"><li>Windows Server 2008 R2</li><li>Virtual Machine Manager (VMM) library</li></ul>
Server3	Site1	<ul style="list-style-type: none"><li>Windows Server 2012</li><li>Hyper-V</li></ul>
Server4	Site2	<ul style="list-style-type: none"><li>Windows Server 2012</li></ul>

In Site2, you plan to deploy 50 Hyper-V hosts.

You need to recommend a solution to deploy the Hyper-V hosts by using VMM. The solution must minimize the amount of traffic between Site1 and Site2 during deployment.

What should you recommend?

- A. On Server4, install VM
- B. From the Virtual Machine Manager console, add Server1 as a PXE server and add Server4 as a library server.
- C. On Server4, install VM
- D. From the Virtual Machine Manager console, add Server1 as a PXE server and a library server.
- E. On Server4, install WD
- F. From the Virtual Machine Manager console, add Server4 as a PXE server and a library server.
- G. On Server4, install WD
- H. From the Virtual Machine Manager console, add Server4 as a PXE server and add Server1 as a library server.

**Answer: C**

**NEW QUESTION 280**

Your network contains an Active Directory domain named contoso.com. The network has an Active Directory Certificate Services (AD CS) infrastructure.

You need to issue a certificate to users to meet the following requirements:

? Ensure that the users can encrypt files by using Encrypting File System (EFS).

? Ensure that all of the users reenroll for their certificate every six months.

Solution: From the properties of the Basic EFS template, you assign the Allow - Enroll permission to the Authenticated Users group.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**NEW QUESTION 282**

Your network contains an Active Directory forest. The forest contains two Active Directory domains named contoso.com and child.contoso.com. The forest functional level is Windows Server 2003. The functional level of both domains is Windows Server 2008.

The forest contains three domain controllers. The domain controllers are configured as shown in the following table.

Domain controller name	Domain	Operations master role
DC1	Contoso.com	Schema master Domain naming master
DC2	Contoso.com	PDC emulator Infrastructure master RID master
DC3	Child.contoso.com	PDC emulator Infrastructure master RID master

DC1 and DC2 have the DNS Server server role installed and are authoritative for both contoso.com and child.contoso.com.

The child.contoso.com domain contains a server named server1.child.contoso.com that runs Windows Server 2012.

You plan to deploy server1.child.contoso.com as a read-only domain controller (RODC). You run the adprep.exe /rodcprep command on DC3 and receive the following error message:

```
"Adprep could not contact a replica for partition DC=DomainDnsZones,DC=Contoso,DC=com
Adprep failed the operation on partition DC=DomainDnsZones,DC=Contoso,DC=com Skipping to next partition.

Adprep could not contact a replica for partition DC=ForestDnsZones,DC=Contoso,DC=com
Adprep encountered an LDAP error. Error code: 0x0. Server extended error code: 0x0, Server error message: (null).

Adprep failed the operation on partition DC=ForestDnsZones,DC=Contoso,DC=com Skipping to next partition.

Adprep completed with errors. Not all partitions are updated."
```

You need to identify what prevents you from successfully running Adprep /rodcprep on DC3.

What should you identify?

- A. The domain functional level of child.contoso.com is set to the wrong level.  
B. DC3 cannot connect to the infrastructure master on DC2.  
C. DC3 cannot connect to the domain naming master on DC1.  
D. The forest functional level is set to the wrong level.

**Answer:** B

**Explanation:** Adprep could not contact a replica...

This problem occurs when the Adprep /rodcprep command tries to contact the infrastructure master for each application partition in the forest.

Reference: Error message when you run the "Adprep /rodcprep" command in Windows Server 2008: "Adprep could not contact a replica for partition DC=DomainDnsZones,DC=Contoso,DC=com"

<https://support.microsoft.com/en-us/kb/949257>

#### NEW QUESTION 285

Your network contains an Active Directory domain named contoso.com. The domain contains three VLANs. The VLANs are configured as shown in the following table.

VLAN ID	Contents	Routing enabled to
1	Client computers	VLAN 2
2	<ul style="list-style-type: none"><li>Application servers</li><li>Domain controllers</li><li>Network Policy Service (NPS) servers</li></ul>	VLAN 1 and the Internet
3	Windows Server Update Services (WSUS) server	Nowhere

All client computers run either Windows 7 or Windows 8.

The corporate security policy states that all of the client computers must have the latest security updates installed.

You need to implement a solution to ensure that only the client computers that have all of the required security updates installed can connect to VLAN 1. The solution must ensure that all other client computers connect to VLAN 3.

Solution: You implement the DHCP Network Access Protection (NAP) enforcement method.

Does this meet the goal?

- A. Yes  
B. No

**Answer:** A

**Explanation:** Implementing DHCP NAP to Enforce WSUS Updates

#### NEW QUESTION 286

Your network contains an internal network and a perimeter network. The internal network contains an Active Directory forest named contoso.com. The forest contains a Microsoft Exchange Server 2010 organization. All of the domain controllers in contoso.com run Windows Server 2012.

The perimeter network contains an Active Directory forest named litware.com.

You deploy Microsoft Forefront Unified Access Gateway (UAG) to litware.com. All of the domain controllers in litware.com run Windows Server 2012.

Some users connect from outside the network to use Outlook Web App.

You need to ensure that external users can authenticate by using client certificates. What should you do?

More than one answer choice may achieve the goal. Select the BEST answer.

- A. To the perimeter network, add an Exchange server that has the Client Access server role installed.  
B. Deploy UAG to contoso.com.  
C. Enable Kerberos delegation in litware.com.  
D. Enable Kerberos constrained delegation in litware.com.

**Answer:** D

**Explanation:** Forefront TMG provides support for Kerberos constrained delegation (often abbreviated as KCD) to enable published Web servers to authenticate users by Kerberos after Forefront TMG verifies their identity by using a non-Kerberos authentication method. When used in this way, Kerberos constrained delegation eliminates the need for requiring users to provide credentials twice.

Reference: About Kerberos constrained delegation <https://technet.microsoft.com/en-us/library/cc995228.aspx>

#### NEW QUESTION 291

You have a Windows Server 2012 R2 failover cluster that contains four nodes. The cluster has Dynamic Optimization enabled. You deploy three highly available virtual machines to the cluster by using System Center 2012 R2 Virtual Machine Manager (VMM).

You need to prevent Dynamic Optimization from placing any of the three virtual machines in the same node.

What should you do?

- A. From the Virtual Machine Manager console, modify the Compatibility settings in the Hardware Configuration properties of the virtual machines.  
B. Set the Priority property of the virtual machine cluster role.  
C. From the Virtual Machine Manager console, modify the Servicing Windows settings of the virtual machines.  
D. From the Virtual Machine Manager console, modify the Availability settings in the Hardware Configuration properties of the virtual machines.

**Answer:** D

#### NEW QUESTION 294

.....

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