

Microsoft

Exam Questions 70-413

Designing and Implementing a Server Infrastructure



NEW QUESTION 1

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 2

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- ADPrincipalGroupMembershipcmdlet.
- 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 3

You need to recommend a solution for DHCP logging. The solution must meet the technical requirement.

What should you include in the recommendation?

- A. Event subscriptions
- B. IP Address Management (IPAM)
- C. DHCP audit logging
- D. DHCP filtering

Answer: B

Explanation: * Scenario: A central log of the IP address leases and the users associated to those leases must be created.

* Feature description

IPAM in Windows Server 2012 is a new built-in framework for discovering, monitoring, auditing, and managing the IP address space used on a corporate network. IPAM provides for administration and monitoring of servers running Dynamic Host Configuration Protocol (DHCP) and Domain Name Service (DNS). IPAM includes components for:

- Automatic IP address infrastructure discovery: IPAM discovers domain controllers, DHCP servers, and DNS servers in the domains you choose. You can enable or disable management of these servers by IPAM.
- Custom IP address space display, reporting, and management: The display of IP addresses is highly customizable and detailed tracking and utilization data is available. IPv4 and IPv6 address space is organized into IP address blocks, IP address ranges, and individual IP addresses. IP addresses are assigned built-in or user-defined fields that can be used to further organize IP address space into hierarchical, logical groups.
- Audit of server configuration changes and tracking of IP address usage: Operational events are displayed for the IPAM server and managed DHCP servers. IPAM also enables IP address tracking using DHCP lease events and user logon events collected from Network Policy Server (NPS), domain controllers, and DHCP servers. Tracking is available by IP address, client ID, host name, or user name.
- Monitoring and management of DHCP and DNS services: IPAM enables automated service availability monitoring for Microsoft DHCP and DNS servers across the forest. DNS zone health is displayed, and detailed DHCP server and scope management is available using the IPAM console.

Reference: IP Address Management (IPAM) Overview

NEW QUESTION 4

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 5

You need to recommend a fault-tolerant solution for the VPN. The solution must meet the technical requirements.

What should you include in the recommendation?

- A. Network adapter teaming
- B. Network Load Balancing (NLB)
- C. Failover Clustering
- D. DirectAccess

Answer: B

Explanation: * Scenario: Core networking services in each office must be redundant if a server fails.

* The Network Load Balancing (NLB) feature distributes traffic across several servers by using the TCP/IP networking protocol. By combining two or more computers that are running applications into a single virtual cluster, NLB provides reliability and performance for web servers and other mission-critical servers.

Reference: Network Load Balancing Overview <http://technet.microsoft.com/en-us/library/hh831698.aspx>

NEW QUESTION 6

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 7

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 8

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:
FAT32
NTFS
REFS

Volume type:
Basic volume
Dynamic volume
Storage spaces volume

Answer:

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

NEW QUESTION 9

You need to recommend a solution for the remote access servers. What should you include in the recommendation?

- A. Network address translation (NAT)
- B. Logging levels
- C. Packet filtering
- D. Packet tracing

Answer: C

Explanation: Scenario: The remote access servers must be able to restrict outgoing traffic based on IP addresses.

Packet filtering can be used to restrict outgoing traffic with the help of an output filter. Note: Packet filtering consists of creating a series of definitions called filters, which define

for the router what types of traffic are allowed or disallowed on each interface. Filters can be set for incoming and outgoing traffic.

* Input filters define what inbound traffic on that interface the router is allowed to route or process.

* Output filters define what traffic the router is allowed to send from that interface. Incorrect:

Not A: NAT is not able to restrict outgoing traffic. NAT supports static filters can be added

to the private interface to protect against threats from internal clients.

Reference: Filters and Remote Access Configurations [https://technet.microsoft.com/en-us/library/Cc754895\(v=WS.10\)](https://technet.microsoft.com/en-us/library/Cc754895(v=WS.10))

NEW QUESTION 10

HOTSPOT

You need to recommend a configuration for the DHCP infrastructure.

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

Answer Area

Server on which to deploy the DHCP Server server role:

DHCP failover mode:

DHCP failover setting to configure:

Answer Area

Server on which to deploy the DHCP Server server role:
DC02
DC04
RAS01
RAS02

DHCP failover mode:
Hot standby
Load-balanced

DHCP failover setting to configure:
Load percentage
Reserve percentage
State switchover interval

Answer:

Explanation: Box 1: DC02

DC02 is in New York site, which does not have a DHCP server, and it is a domain controller (which is required).

Not RAS01 as it is not a domain controller.

Not DC4 or RAS02 as they are located in Chicago, and the Chicago site already has a DHCP server.

Box 2: Host standby.

In Host standby mode only one of the servers actively leases IP addresses.

Not Load-Balanced as in this mode both DHCP servers answer client request, but according to scenario only one DHCP Server in each site must lease IP addresses at a given time.

Box 3: State switchover interval

For automatic state switchover to happen from communication interrupt to partner down state, you need to enable state switchover interval. If you don't do that then you would need to manually transition primary server to partner down mode.

* Scenario:

- All of the DHCP Server server roles must be installed on a domain controller.

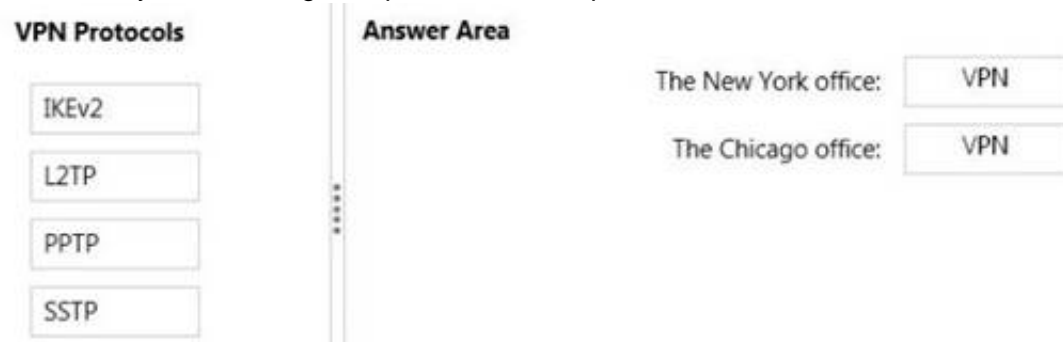
- Only one DHCP server in each site must lease IP addresses at any given time.

NEW QUESTION 10

DRAG DROP

You need to recommend the VPN protocols for Proseware.

What should you recommend? To answer, drag the appropriate VPN protocols to the correct offices. Each protocol 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,



Answer:

Explanation: Explanation Box 1: IKEv2

An IKEv2 VPN provides resilience to the VPN client when the client moves from one wireless hotspot to another or when it switches from a wireless to a wired connection. This meets the requirement that users in the New York office must be able to reconnect to the remote access VPN servers automatically.

Box 2: SSTP

SSTP is the only of the listed tunneling protocols that uses SSL, and users in the Chicago office must use SSL to connect to the remote access VPN servers.

NEW QUESTION 14

You need to recommend a trust model.

What should you include in the recommendation?

- A. A one-way, forest trust that has selective authentication.
- B. A one-way, external trust
- C. A two-way, external trust
- D. A one-way, forest trust that has domain-wide authentication.

Answer: A

Explanation: As users in the Montreal office is in a separate site, and they need access to only to some of the resources, the File01 file server in New York and the File02 file server in Chicago, we should use a one-way forest trust with selective authentication.

* When you enable the selective authentication feature of a forest trust relationship, users accessing cross-forest resources from one forest cannot authenticate to a domain controller or resource server (e.g., file server, print server) in the other forest unless they are explicitly allowed to do so. Selective authentication lessens the attack surface by restricting the quantity of authentication requests that can pass through an interforest trust.

* From case study:

/ The Montreal site will have its own forest named montreal.proseware.com.

/ Users in the Montreal office must only be allowed to access shares that are located on File01 and File02. The Montreal users must be prevented from accessing any other servers in the proseware.com forest regardless of the permissions on the resources.

Reference: <http://windowsitpro.com/security/selective-authentication>

NEW QUESTION 17

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 19

You need to recommend a solution that meets the security requirements. Which schema attribute properties should you recommend modifying?

- A. isIndexed
- B. searchFlags
- C. isCriticalSystemObject
- D. schemaFlagsEx

Answer: B

Explanation: * Scenario: Confidential attributes must not be replicated to the Chicago office.

* Applies To: Windows Server 2008, Windows Server 2012

This topic includes procedures for adding an attribute to the filtered attribute set (FAS) for a readonly domain controller (RODC) and marking the attribute as confidential data. You can perform these procedures to exclude specific data from replicating to RODCs in the forest. Because the data is not replicated to any RODCs, you can be assured that the data will not be revealed to an attacker who manages to successfully compromise an RODC. In most cases, adding an attribute to the RODC FAS is completed by the developer of the application that added the attribute to the schema.

- Determine and then modify the current searchFlags value of an attribute
- Verify that an attribute is added to the RODC FAS

- Determine and then modify the current searchFlags value of an attribute

To add an attribute to an RODC FAS, you must first determine the current searchFlags value of the attribute that you want to add, and then set the following values for searchflags:

- To add the attribute to the RODC FAS, set the 10th bit to 0x200.
- To mark the attribute as confidential, set the 7th bit to 0x080.

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

NEW QUESTION 21

You need to recommend changes to the Active Directory environment to support the virtualization requirements.
What should you include in the recommendation?

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

Answer: D

Explanation: * From case study: Ensure that the additional domain controllers for the branch offices can be deployed by using domain controller cloning.

* To support DC cloning the PDC emulator role holder must be online and available to the cloned DC and must be running Windows Server 2012.

Reference: Virtual Domain Controller Cloning in Windows Server 2012 <https://blogs.technet.microsoft.com/askpfeplat/2012/10/01/virtual-domain-controller-cloning-in-windows-server-2012/>

NEW QUESTION 23

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 24

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 28

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 29

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:

Object to create on Server4:

Answer:

Explanation: Answer Area

Protocol to use on Server4:

Object to create on Server4:

NEW QUESTION 32

You need to recommend a solution for GPO1.

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

- A. In west.northwindtraders.com, create a copy of GPO1 and link the new GPO to Site2. Apply a WMI filter to the new GPO.
- B. In west.northwindtraders.com, create a copy of GPO1 and link the new GPO to west.northwindtraders.co
- C. Configure security filtering on the new GPO.

- D. Link GPO1 to west.northwindtraders.com and configure security filtering on GPO1.
E. Link GPO1 to Site2 and apply a WMI filter to GPO1.

Answer: D

Explanation: * Scenario:

The northwindtraders.com domain contains a Group Policy object (GPO) named GPO1. GP01 is applied to all of the users in the Montreal office.

Apply GPO1 to all of the San Diego users.

GPO1 must not be applied to computers that run Windows 8.1.

* WM Filter for Operating Systems. Example: Windows 8.1 64 bit

SELECT version FROM Win32_OperatingSystem WHERE Version LIKE "6.3%" and ProductType = "1" AND OSArchitecture = "64-bit"

NEW QUESTION 36

You need to configure the connection between the new remote branch office and the existing branch offices.

What should you create?

- A. SMTP site link
B. Forest trust
C. Certification authority
D. IP subnet

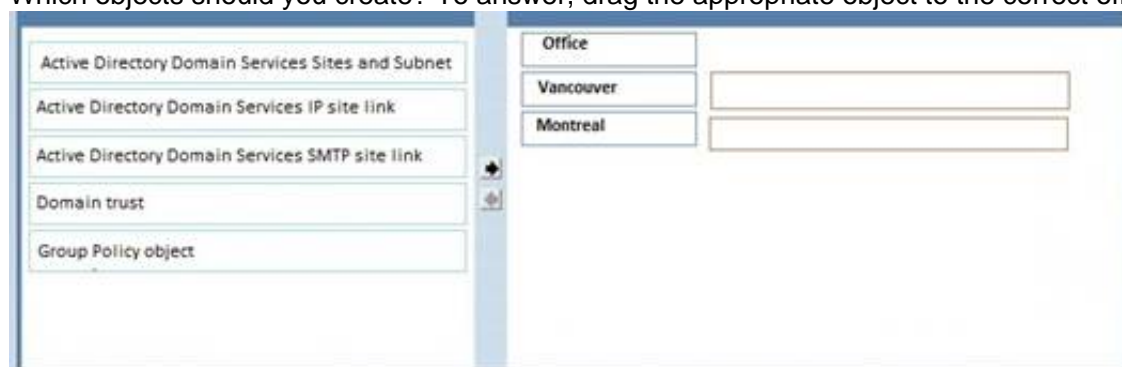
Answer: A

NEW QUESTION 41

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 trust
Montreal - 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 46

You need to deploy the new domain controller for the Madrid office.

What should you do?

- A. Run the Windows PowerShell cmdlet Install-ADDSDomainController in the Madrid office and specify the CriticalReplicationOnly Parameter.
- B. Prepare DC1 for virtual domain controller cloning and then copy the clone to the Madrid office.
- C. Run the Windows Powershell cmdlet Install-ADDSDomain in the Madrid office and specify the NoGlobalCatalog parameter.
- D. Prepare Active Directory Domain Services installation media on DC1, and use the media to deploy a read-only domain controller in the Madrid office.

Answer: A

NEW QUESTION 50

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 52

HOTSPOT

You need to configure Windows Updates.

How should you complete the relevant Windows PowerShell commands? To answer, select the Windows PowerShell segments in the answer area.

Answer Area

New-GPLink ^

-Name WSUSConfiguration ^

-Target

DC3
DC=contoso, DC=com
OU=Dublin, DC=contoso, DC=com

-Enforced

Yes
No

Set-GPInheritance ^

-Target

DC3
DC=contoso, DC=com
OU=Dublin, DC=contoso, DC=com

-IsBlocked

Yes
No

Answer:

Explanation: Answer Area

New-GPLink ^

-Name WSUSConfiguration ^

-Target

DC3
DC=contoso, DC=com
OU=Dublin, DC=contoso, DC=com

-Enforced

Yes
No

Set-GPInheritance ^

-Target

DC3
DC=contoso, DC=com
OU=Dublin, DC=contoso, DC=com

-IsBlocked

Yes
No

NEW QUESTION 55

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 58

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

On DC1, configure a replication scope for lab.contoso.com.

On DC2, change the DNS Zone type for lab.contoso.com to **Stub Zone**.

On DC3, unregister the DomainDnsZones application partition.

On DC1, change the DNS Zone type for lab.contoso.com to **Secondary Zone**.

Install a new domain controller named **DC3**.

On DC1, create a new DNS application partition.

Answer Area

Answer:

Explanation:

Actions

On DC1, configure a replication scope for lab.contoso.com.

On DC2, change the DNS Zone type for lab.contoso.com to **Stub Zone**.

On DC3, unregister the DomainDnsZones application partition.

On DC1, change the DNS Zone type for lab.contoso.com to **Secondary Zone**.

Install a new domain controller named **DC3**.

On DC1, create a new DNS application partition.

Answer Area

On DC1, create a new DNS application partition.

On DC1, configure a replication scope for lab.contoso.com.

On DC2, change the DNS Zone type for lab.contoso.com to **Stub Zone**.

NEW QUESTION 62

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 64

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

IPv4 Host (A)
IPv6 Host (AAAA)
Alias (CNAME)
Service Location (SRV)
Text (TXT)

Answer Area

DNS Server	Resource Records
LA-DC01	<div>Resource Record</div>
NY-DC01	<div>Resource Record</div>

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 68

You have an IP Address Management (IPAM) server that runs Windows Server 2012 SP1. You need to integrate the IPAM server with System Center Virtual Machine Manager (SCVMM).

Solution: You create a dedicated user account named IPAM_svc, and add it to the Local Administrators local group on the SO/MM server.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation: Reference: How to integrate IPAM with SCVMM 2012 R2

NEW QUESTION 69

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 Fileserver.

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 71

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 72

HOTSPOT

You need to configure access to legacy systems.

How should you complete the relevant command? To answer, select the appropriate options in the answer area.

Hot Area:

Answer Area



The screenshot shows a command prompt window with the text "mount [-o" followed by a dropdown menu containing "anon", "nolock", "Fileaccess=703", and "Fileaccess=777". To the right of the dropdown is the text "]\UNIX1\Share1 (" followed by another dropdown menu containing "FileServe1 *", "FileServe1 C", "UNIX11 *", and "UNIX1 C".

Answer:

Explanation: Answer should be : mount [-o nolock] \\\unix1\share1 {unix1|*}

NEW QUESTION 73

You need to ensure that users can access sales reports. Which windows PowerShell cmdlet should you run?

- A. set_FilestorageTier
- B. Get-FileStorageTier
- C. Set-storageTier
- D. Get_StorageProvider
- E. Clear-FileStorageTier

Answer: A

NEW QUESTION 75

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

You currently have an intranet web site that is hosted by two Web servers named Web1 and Web2. Web1 and Web2 run Windows Server 2012.

Users use the name intranet.contoso.com to request the web site and use DNS round robin.

You plan to implement the Network Load Balancing (NLB) feature on Web1 and Web2. You need to recommend changes to the DNS records for the planned implementation. What should you recommend?

- A. Create a service locator (SRV) record
- B. Map the SRV record to Intranet.
- C. Delete both host (A) records named Intranet
- D. Create a pointer (PTR) record for each Web server.
- E. Remove both host (A) records named Intranet
- F. Create a new host (A) record named Intranet.
- G. Delete both host (A) records named Intranet

- H. Create two new alias (CNAME) records named Intranet
I. Map each CNAME record to a Web server name.

Answer: C

NEW QUESTION 80

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 85

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 90

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.

Solutions	Answer Area
DirectAccess	Solution Ensure that client computers that are connected to the Internet can be managed remotely without requiring that the user log on.
L2TP VPN	Solution Ensure that client computers that run Windows Vista or earlier can connect remotely.
SSTP VPN	Solution Ensure that non-domain-joined computers can connect remotely by using TCP port 443.

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 93

HOTSPOT

You plan to implement a virtualization solution to host 10 virtual machines. All of the virtual machines will be hosted on servers that run Windows Server 2012.

You need to identify which servers must be deployed for the planned virtualization solution. The solution must meet the following requirements:

- Minimize the number of servers.
- Ensure that live migration can be used between the hosts.

Which servers should you identify?

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

Answer Area																			
Option 1 <table border="1"> <thead> <tr> <th>Server name</th> <th>Windows components</th> </tr> </thead> <tbody> <tr> <td>Server1</td> <td>Hyper-V server role</td> </tr> <tr> <td>Server2</td> <td>Hyper-V server role</td> </tr> </tbody> </table>	Server name	Windows components	Server1	Hyper-V server role	Server2	Hyper-V server role	Option 2 <table border="1"> <thead> <tr> <th>Server name</th> <th>Windows Components</th> </tr> </thead> <tbody> <tr> <td>Server1</td> <td>Hyper-V server role, Failover Clustering feature</td> </tr> <tr> <td>Server2</td> <td>Hyper-V server role, Failover Clustering feature</td> </tr> <tr> <td>Server3</td> <td>Hyper-V server role</td> </tr> </tbody> </table>	Server name	Windows Components	Server1	Hyper-V server role, Failover Clustering feature	Server2	Hyper-V server role, Failover Clustering feature	Server3	Hyper-V server role				
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Answer:

Explanation: Just two server with Hyper-V installed is enough to perform a Live Migration. (Minimize the number of servers)

NEW QUESTION 94

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 98

DRAG DROP

Your network contains an Active Directory forest named corp.contoso.com. All servers run Windows Server 2012.

The network has a perimeter network that contains servers that are accessed from the Internet by using the contoso.com namespace.

The network contains four DNS servers. The servers are configured as shown in the following table.

Server name	Location	Function	DNS zone	Zone type
DC1	Internal network	Domain controller, DNS server	Corp.contoso.com	Active Directory- integrated
DC2	Internal network	Domain controller, DNS server	Corp.contoso.com	Active Directory- integrated
Server1	Perimeter network	DNS server	Contoso.com	Primary
Server2	Perimeter network	DNS server	Contoso.com	Secondary

All of the client computers on the perimeter network use Server1 and Server2 for name resolution.

You plan to add DNS servers to the corp.contoso.com domain.

You need to ensure that the client computers automatically use the additional name servers. The solution must ensure that only computers on the perimeter network can resolve names in the corp.contoso.com domain.

Which DNS configuration should you implement on Server1 and Server2?

To answer, drag the appropriate DNS configuration to the correct location in the answer area. Each DNS 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

- a conditional forwarder
- a zone delegation
- a stub zone
- a subdomain

Answer Area

Server1	Configuration
Server2	Configuration

Answer:

Explanation: * stub zone

A Stub Zones allows an organization to resolve names to a private namespace or speed up name resolution to a public namespace without the use of Conditional Forwarders or Secondary Zones.

DNS Stub Zones in each domain will be configured to forward request for the other organization name space to a DNS server that is authoritative. All other names needing resolved will use the default name resolution method.

NEW QUESTION 102

Your Active Directory currently contains five virtualized domain controllers that run Windows Server 2012 R2.

The system state of each domain controller is backed up daily. The backups are shipped to a remote location weekly.

Your company recently implemented a disaster recovery site that contains several servers. The servers run Windows Server 2012 R2 and have the Hyper-V server role installed. The

disaster recovery site has a high-speed WAN link to the main office.

You need to create an Active Directory recovery plan that meets the following requirements:

? Restores the Active Directory if a catastrophe prevents all access to the main office.

? Minimizes data loss.

What should you include in the plan?

- A. Hyper-V replicas
- B. Live migration
- C. Virtual machine checkpoints
- D. System state restores

Answer: A

NEW QUESTION 104

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. thecluster command

Answer: C

NEW QUESTION 108

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 109

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 113

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 floo
- B. Configure a DHCP relay agent on each new DHCP serve
- C. Create a scope for each subnet on DHCP1.
- D. Install a DHCP server on each floo
- E. Create a scope for the local subnet on each new DHCP serve
- 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 117

DRAG DROP

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2008. Server1 is

configured as an enterprise certification authority (CA).

You back up all of the data on Server1, and then export the private and public keys of the CA.

You plan to replace Server1 with a new member server that was purchased recently. You need to identify which actions must be performed on the new server to restore the certificate services of Server1.

Which three actions should you identify?

To answer, move the three appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Install the Active Directory Certificate Services server role.	
Run the AD CS Configuration wizard and import the private key.	
Run the AD CS Configuration wizard and import the public key.	
Restore the certificate services registry settings and the certificate services database.	

Answer:

Explanation: Box 1: We will need the Active Directory Certificate Services role to import the key, and later restore the certificate services database.

Box 2: Import the private key with the help of the AD CS Configuration Wizard.

The private key will be needed in the next step when you restore the certificate services registry settings and the certificate services database.

Box 3: Restore the certificate services registry settings and the certificate services database-

NEW QUESTION 118

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"> Domain controller DHCP server DNS server 	Windows Server 2008 R2
DC2	Contoso.com	<ul style="list-style-type: none"> Domain controller DHCP server DNS server 	Windows Server 2008 R2
DCE1	Europe.contoso.com	<ul style="list-style-type: none"> Domain controller DHCP server DNS server 	Windows Server 2003 R2
DCE2	Europe.contoso.com	<ul style="list-style-type: none"> Domain controller DHCP server DNS server 	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 121

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 125

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 130

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 132

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 134

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

Solution: You install four WDS servers and configure them as load-balanced cluster Does this meet you goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 139

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 140

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 144

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

You plan to migrate users between two Active Directory Domain Services domains in different forests.

You run the following command from an administrative command prompt:

```
Netdom trust
<TrustingDomainName> /domain:<TrustedDomainName> /quarantine:No
/usero:<domainadministrator> /passwordo:<domainadminpwd>
```

Assertion:

Users will have uninterrupted access to the resources in the source domain during the migration.

Reason:

The Netdom command configures a two-way trust between the source and target domains to ensure that users can access both environments for the entire length of the migration phase.

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: The assertion is true as the /quarantine:No option is used any SID for authorization data that netdom trust returns during authentication is accepted. The reason is false as the /twoway parameter is not used. The /twoway parameter is to establish a two-way trust relationship rather than a one-way trust relationship.

Note: The Netdom trust command establishes, verifies, or resets a trust relationship between domains.

Reference: Netdom trust

<https://technet.microsoft.com/en-us/library/cc835085.aspx>

NEW QUESTION 148

HOTSPOT

You run the ldfde 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 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 150

Your network contains an Active Directory domain named contoso.com. The functional level of the domain and the forest is Windows Server 2008 R2.

All domain controllers run Windows Server 2008 R2.

You plan to deploy a new line-of-business application named App1 that uses claims-based authentication.

You need to recommend changes to the network to ensure that Active Directory can provide claims for App1.

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

- A. From the properties of the computer accounts of the domain controllers, enable Kerberos constrained delegation.
- B. From the Default Domain Controllers Policy, enable the Support for Dynamic Access Control and Kerberos armoring setting.
- C. Deploy Active Directory Lightweight Directory Services (AD LDS).
- D. Raise the domain functional level to Windows Server 2012.
- E. Add domain controllers that run Windows Server 2012.

Answer: BE

Explanation: E: You must perform several steps to enable claims in Server 2012 AD. First, you must upgrade the forest schema to Server 2012. You can do so manually through Adprep, but Microsoft strongly recommends that you add the AD DS role to a new Server 2012 server or upgrade an existing DC to Server 2012.

B: Once AD can support claims, you must enable them through Group Policy:

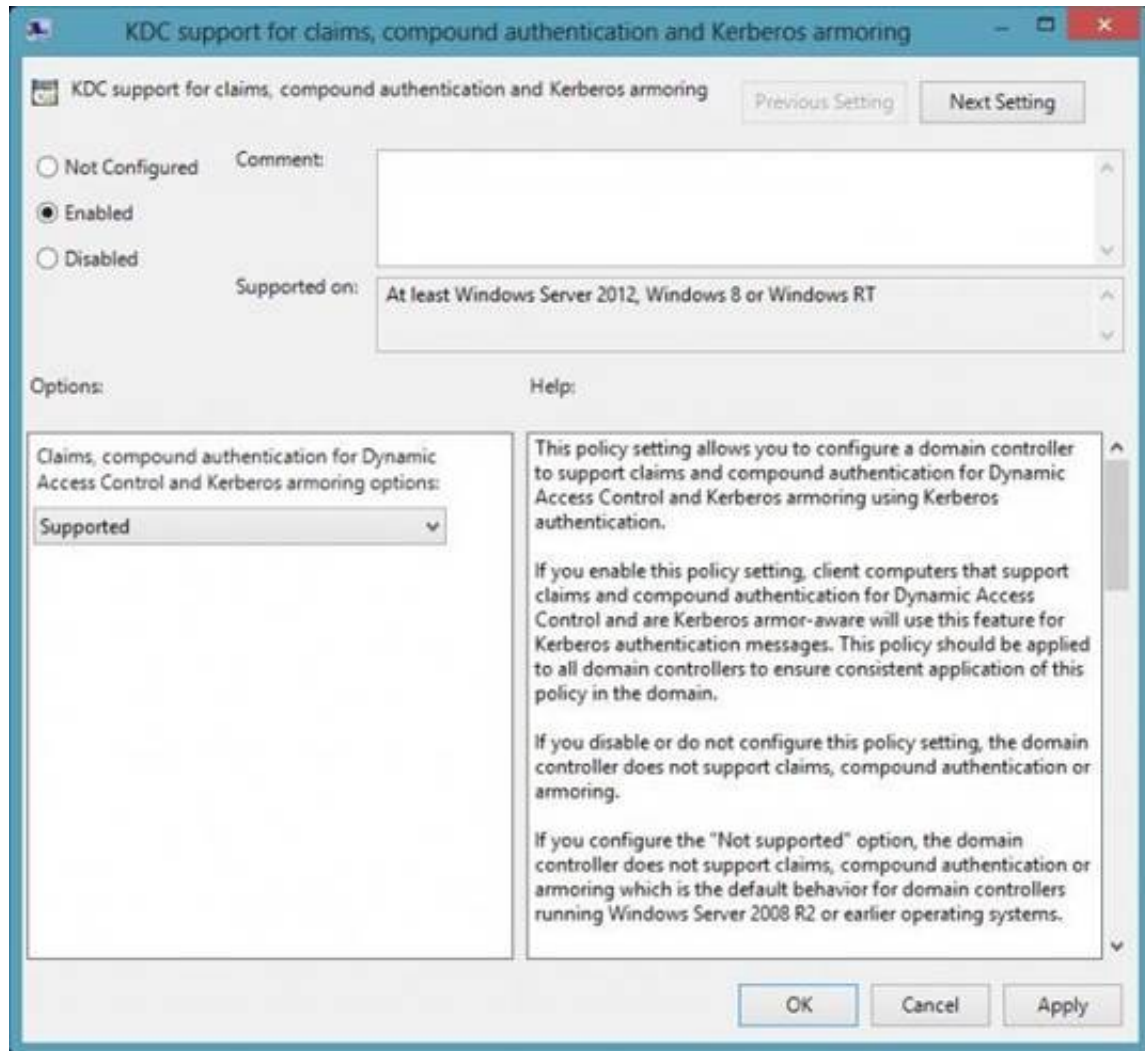
? From the Start screen on a system with AD admin rights, open Group Policy Management and select the Domain Controllers Organizational Unit (OU) in the domain in which you wish to enable claims.

? Right-click the Default Domain Controllers Policy and select Edit.

? In the Editor window, drill down to Computer Configuration, Policies, Administrative Templates, System, and KDC (Key Distribution Center).

? Open KDC support for claims, compound authentication, and Kerberos armoring.

? Select the Enabled radio button. Supported will appear under Claims, compound authentication for Dynamic Access Control and Kerberos armoring options



Reference: Enable Claims Support in Windows Server 2012 Active Directory <http://windowsitpro.com/windows-server-2012/enable-claims-support-windows-server-2012-active-directory>

NEW QUESTION 152

HOTSPOT

Your network contains an Active Directory forest name fabrikam.com. The forest contains two domains named fabrikam.com and contoso.com. All servers run Windows Server 2012

R2.

The forest contains a DHCP server named Server1 and a DNS server named Server2. You need to recommend a solution to ensure that any computers that are neither members

of contoso.com nor fabrikam.com receive a DNS suffix of guest.fabrikam.com.

What two commands should you run? To answer, select the appropriate options in the answer area.

Answer Area



Answer:

Explanation: Box 1: Add-DhcpServerv4Policy

Box 2: Fqdn NE,*.Fabrikam.com,*.contoso.com Example:

This example creates a server level policy for all foreign clients that are not members of the local domain contoso.com. The policy matches clients that have an FQDN that does not contain the value contoso.com.

Windows PowerShell

```
PS C:\> Add-DhcpServerv4Policy -Name ForeignDevices -Condition OR -Fqdn NE,*.contoso.com
```

Box 3: Set-DhcpServerv4DnsSetting

Box 4: -ComputerName Server2.fabrikam.com Box 5: -PolicyName ForeignDevices

Example: This example sets DNS update configuration settings for the sever policy ForeignDevices to enable DNS registration of clients under the DNS suffix questdomain.com. The command specifies the computer, named dhcpserver.contoso.com, that runs the DHCP server service.

```
Windows PowerShellPS C:\> Set-DhcpServerv4DnsSetting -ComputerName dhcpserver.contoso.com -DnsSuffix questdomain.com -PolicyName ForeignDevices
```

Note: Add-DHCPServerv4Policy

The Add-DhcpServerv4Policy cmdlet adds a new policy either at the server level or at the scope level. The policy name must be unique at the level, either server or specific scope, where the policy is added and should have at least one condition as specified by the CircuitId, ClientId, Fqdn, MACAddress, RelayAgent, RemoteId, SubscriberId, UserClass, or VendorClass parameter.

NEW QUESTION 156

You have a virtual machine (VM) named VM-APP1 that hosts critical application named APP1. The VM has the following VHDX virtual disks:

Name	Size	Format	Purpose
Disk1	100 GB	NTFS	System Disk
Disk2	2 TB	NTFS	Application Data

Both VHDX virtual disks are located on LUN1 of a Storage Area Network.

Every time you perform Storage Live Migration for VM-APP1, it takes a few hours.

You need to ensure that the storage supports Offloaded Data Transfer (ODX), and that ODX is enabled.

Which two Windows PowerShell commands should you run? Each correct answer presents part of the solution.

- A. Set-ItemProperty HKLM:\system\currentcontrolset\control\filesystem -Name "FilterSupportedFeaturesMode" -Value 0
- B. Set-StorageSubSystem -InputObject (Get-StorageSubSystem) -ThrottleLimit 0
- C. Get-ItemProperty HKLM:\system\currentcontrolset\services\<FilterName> -Name "SupportedFeatures"
- D. Set-ItemProperty HKLM:\system\currentcontrolset\control\filesystem -Name "FilterSupportedFeaturesMode" -Value 1

Answer: AC

Explanation: C: To use ODX, validate all the file system filter drivers on all servers that are hosting the storage support ODX.

To validate the opt-in status of file system filter drivers, use the type the following command for each filter driver:

Get-ItemProperty hklm:\system\currentcontrolset\services\<FilterName> -Name "SupportedFeatures"

A: To enable ODX support, type the following command:

Set-ItemProperty hklm:\system\currentcontrolset\control\filesystem -Name "FilterSupportedFeaturesMode" -Value 0

Reference: Deploy Windows Offloaded Data Transfers <https://technet.microsoft.com/en-us/library/jj200627.aspx>

NEW QUESTION 159

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

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 Link2.
- B. Disable site link bridging.
- C. Delete Link3.
- D. Create one site link bridge.
- E. Modify the cost of Link2.

Answer: E

NEW QUESTION 162

Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2008 R2. All domain controllers are installed on physical servers. The network contains several Hyper-V hosts.

The network contains a Microsoft System Center 2012 infrastructure.

You plan to use domain controller cloning to deploy several domain controllers that will run Windows Server 2012.

You need to recommend which changes must be made to the network infrastructure before you can use domain controller cloning.

What should you recommend?

- A. Upgrade a global catalog server to Windows Server 2012. Deploy Virtual Machine Manager (VMM).
- B. Upgrade a global catalog server to Windows Server 2012. Install the Windows Deployment Services server role on a server that runs Windows Server 2012.
- C. Upgrade the domain controller that has the PDC emulator operations master role to Windows Server 2012. Deploy a Hyper-V host that runs Windows Server 2012.
- D. Upgrade the domain controller that has the infrastructure master operations master role to Windows Server 2012. Install the Windows Deployment Services server role on a server that runs Windows Server 2012.

Answer: C

Explanation: We need to deploy Hyper-V host on Windows Server 2012, and there must also be a PDC emulator running Windows Server 2012.

Note: The requirements for domain controller cloning are:

* The hypervisor must support VM-GenerationID. Hyper-V running on Windows Server 2012 supports this feature. Other virtualization vendors will have the ability to implement this as well, so check with your vendor to see if it's supported.

* The source virtual DC must be running Windows Server 2012.

* The PDC emulator role holder must be online and available to the cloned DC and must be running Windows Server 2012.

Reference: Virtual Domain Controller Cloning in Windows Server 2012

<https://blogs.technet.microsoft.com/askpfeplat/2012/10/01/virtual-domain-controller-cloning-in-windows-server-2012/>

NEW QUESTION 164

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 169

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 172

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

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 174

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 177

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"> Application servers Domain controllers Network Policy Service (NPS) servers 	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 181

Your network contains an Active Directory domain named contoso.com. All client computers run either Windows 7 or Windows 8.

Some users work from customer locations, hotels, and remote sites. The remote sites often have firewalls that limit connectivity to the Internet.

You need to recommend a VPN solution for the users. Which protocol should you include in the recommendation?

- A. PPTP
- B. SSTP
- C. IKEv2
- D. L2TP/IPSec

Answer: B

Explanation: 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 except for authenticated web proxies.

Reference: https://en.wikipedia.org/wiki/Secure_Socket_Tunneling_Protocol

NEW QUESTION 183

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 184

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 189

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

You plan to deploy 200 new physical servers during the next 12 months by using Windows Deployment Services (WDS). You identify four server builds for the 200 servers as shown

in the following table.

Build name	Configuration
File Servers	<ul style="list-style-type: none">Full Installation of Windows Server 2012Distributed File System role service
	<ul style="list-style-type: none">Server Core Installation of Windows Server 2012Web Servers (IIS) server role
Domain Controllers	<ul style="list-style-type: none">Full Installation of Windows Server 2012DNS Server server role
Networking Servers	<ul style="list-style-type: none">Server Core Installation of Windows Server 2012DHCP Server server roleWINS Server server role

You need to recommend the minimum number of images that must be created for the planned deployment.

How many images should you recommend?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

Explanation: Only one image is required. You can convert Core mode Windows Server 2012 to a Full (GUI) Windows Server 2012 with powershell through: `Install-WindowsFeature Server-Gui-Mgmt-Infra,Server-Gui-Shell -Restart`

NEW QUESTION 191

You have a server named DNS1 that runs Windows Server 2012. DNS1 has the DNS server role installed.

You need to recommend changes to the DNS I to prevent several names from being registered in DNS.
What should you configure on DNS1?

- A. DNS devolution
- B. DNS cache locking
- C. DNS Security Extensions (DNSSEC)
- D. The global query block list.

Answer: D

NEW QUESTION 192

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 add a second virtual network adapter. You connect the new virtual network adapters to the external virtual network switch and configure the new virtual network adapters to use a VLAN identifier of 2.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 194

You have an IP Address Management (IPAM) server that runs Windows Server 2012 SP1. You need to integrate the IPAM server with System Center Virtual Machine Manager (SCVMM).

Solution: You create a dedicated user account named IPAM_svc, and add it to the IPAM ASM Administrators local group on the IPAM server.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 198

Your network contains an Active Directory forest named contoso.com. You plan to add a new domain named child.contoso.com to the forest.

On the DNS servers in child.contoso.com, you plan to create conditional forwarders that point to the DNS servers in contoso.com.

You need to ensure that the DNS servers in contoso.com can resolve names for the servers in child.contoso.com.

What should you create on the DNS servers in contoso.com?

- A. A zone delegation
- B. A conditional forwarder
- C. A root hint
- D. A trust point

Answer: A

Explanation: Understanding Zone Delegation

Domain Name System (DNS) provides the option of dividing up the namespace into one or more zones, which can then be stored, distributed, and replicated to other DNS servers. When you are deciding whether to divide your DNS namespace to make additional zones, consider the following reasons to use additional zones:

* You want to delegate management of part of your DNS namespace to another location or department in your organization.

* You want to divide one large zone into smaller zones to distribute traffic loads among multiple servers, improve DNS name resolution performance, or create a more-fault- tolerant DNS environment.

* You want to extend the namespace by adding numerous subdomains at once, for example, to accommodate the opening of a new branch or site.

Reference: Understanding Zone Delegation <https://technet.microsoft.com/en-us/library/cc771640.aspx>

NEW QUESTION 202

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 enable force tunneling. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: DirectAccess allows connectivity to organizational network resources without the need for traditional virtual private network (VPN) connections.

DirectAccess allows remote users to securely access internal network file shares, Web sites, and applications without connecting to a virtual private network (VPN). An internal network is also known as a private network or intranet. DirectAccess establishes bi- directional connectivity with an internal network every time a

DirectAccess-enabled computer connects to the Internet, even before the user logs on. Users never have to think about connecting to the internal network and IT administrators can manage remote computers outside the office, even when the computers are not connected to the VPN.
Reference: DirectAccess Overview <https://technet.microsoft.com/en-us/library/dd759144.aspx>

NEW QUESTION 207

Your network contains an Active Directory domain. The domain contains 10 file servers. The file servers connect to a Fibre Channel SAN. You plan to implement 20 Hyper-V hosts in a failover cluster.

The Hyper-V hosts will not have host bus adapters (HBAs).

You need to recommend a solution for the planned implementation that meets the following requirements:

? The virtual machines must support live migration.

? The virtual hard disks (VHDs) must be stored on the file servers.

Which two technologies achieve the goal? Each correct answer presents a complete solution.

- A. Cluster Shared Volume (CSV)
- B. An NFS share
- C. Storage pools
- D. SMB 3.0 shares

Answer: CD

NEW QUESTION 212

You have an IP address Management (IPAM) server that runs Windows Server 2012 SP1. You need to integrate the IPAM server with System center Virtual Machine Manager (SCVMM)

Solution: You add the IPAM server in SCVMM and specify the IPAM_svc user account as the RunAs account.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 214

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

You deploy several servers that have the Remote Desktop Session Host role service installed.

You have two organizational units (OUs). The OUs are configured as shown in the following table.

OU name	Group Policy link	Contents
OU1	GPO1	Sales department user accounts
OU2	GPO2	Computer accounts of the Remote Desktop Session Host (RD Session Host) server

GPO1 contains the Folder Redirection settings for all of the users.

You need to recommend a solution to prevent the sales users' folders from being redirected when the users log on to a Remote Desktop session.

What should you include in the recommendation?

- A. From GPO2, set the loopback processing mode.
- B. From GPO1, set the loopback processing mode.
- C. Configure security filtering for GPO1.
- D. Apply a WMI filter to GPO2.

Answer: A

Explanation: Group Policy applies to the user or computer in a manner that depends on where both the user and the computer objects are located in Active Directory. However, in some cases, users may need policy applied to them based on the location of the computer object alone. You can use the Group Policy loopback feature to apply Group Policy Objects (GPOs) that depend only on which computer the user logs on to.

Reference: Loopback processing of Group Policy <https://support.microsoft.com/en-us/kb/231287>

NEW QUESTION 216

Your network contains 50 servers that run Windows Server 2003 and 50 servers that run Windows Server 2008.

You plan to implement Windows Server 2012.

You need to create a report that includes the following information:

? The servers that run applications and services that can be moved to Windows Server 2012

? The servers that have hardware that can run Windows Server 2012

? The servers that are suitable to be converted to virtual machines hosted on Hyper- V hosts that run Windows Server 2012

What should you do?

- A. From an existing server, run the Microsoft Application Compatibility Toolkit (ACT).
- B. Install Windows Server 2012 on a new server, and then run the Windows Server Migration Tools.
- C. Install Windows Server 2012 on a new server, and then run Microsoft Deployment Toolkit (MDT) 2012.
- D. From an existing server, run the Microsoft Assessment and Planning (MAP) Toolkit.

Answer: D

Explanation: The Microsoft Assessment and Planning Toolkit (MAP) is an agentless, automated, multiproduct planning and assessment tool for quicker and easier desktop, server and cloud migrations. MAP provides detailed readiness assessment reports and executive proposals with extensive hardware and software information, and actionable recommendations to help organizations accelerate their IT infrastructure planning process, and gather more detail on assets that reside within their current environment. MAP also provides server utilization data for Hyper-V server virtualization planning; identifying server placements, and performing

virtualization candidate assessments, including ROI analysis for server consolidation with Hyper-V.

The latest version of the MAP Toolkit adds new scenarios to help you plan your IT future while supporting your current business needs. Included scenarios help you to:

Plan your deployment of Windows 8 and Windows Server 2012 with hardware and infrastructure readiness assessments

Assess your environment for Office 2013

Plan your migration to Windows Azure Virtual Machines Track Lync Enterprise/Plus usage

Size your desktop virtualization needs for both Virtual Desktop Infrastructure (VDI) and session based virtualization using Remote Desktop Services

Ready your information platform for the cloud with SQL Server 2012 Virtualize your existing Linux servers onto Hyper-V

Identify opportunities to lower your virtualization costs with Hyper-V using the VMware migration assessment

MAP is just one of the tools provided by the Microsoft Solution Accelerators team. The Microsoft Assessment and Planning Toolkit, Microsoft Deployment Toolkit, and Security Compliance Manager provide tested guidance and automated tools to help organizations plan, securely deploy, and manage new Microsoft technologies—easier, faster, and at less cost. All are freely available, and fully-supported by Microsoft.

Reference: Microsoft Assessment and Planning Toolkit <https://msdn.microsoft.com/en-us/library/bb977556.aspx>

NEW QUESTION 220

You are designing an Active Directory forest for a company named Contoso, Ltd. Contoso identifies the following administration requirements for the design:

? User account administration and Group Policy administration will be performed by network technicians. The technicians will be added to a group named OUAdmins.

? IT staff who are responsible for backing up servers will have user accounts that are members of the Backup Operators group in the domain.

? All user accounts will be located in an organizational unit (OU) named AllEmployees.

You run the Delegation of Control Wizard and assign the OUAdmins group full control to all of the objects in the AllEmployeesOU.

After delegating the required permissions, you discover that the user accounts of some of the IT staff have inconsistent permissions on the objects in AllEmployees.

You need to recommend a solution to ensure that the members of OUAdmins can manage all of the objects in AllEmployees.

What should you include in the recommendation?

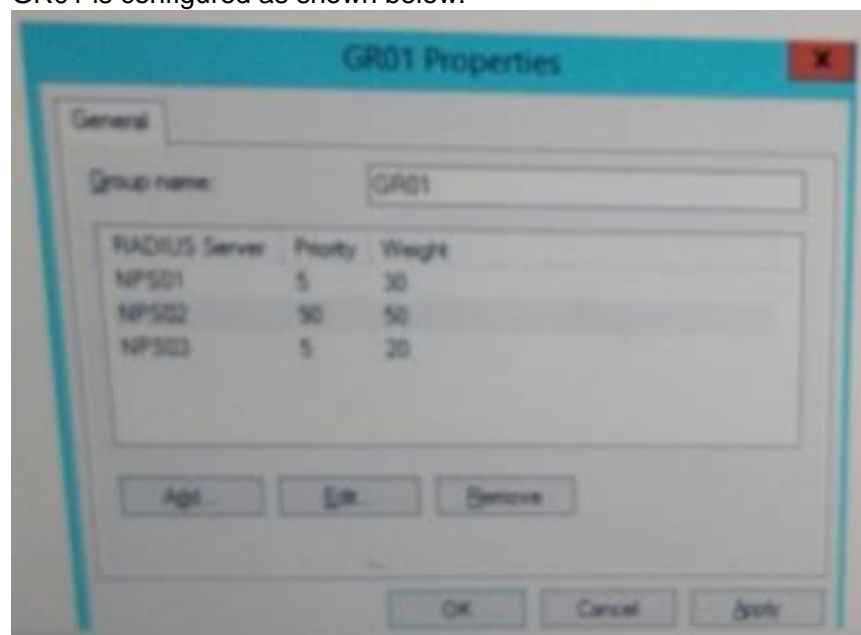
- A. Remove the IT staff user accounts from Backup Operators and place them in a new group
- B. Grant the new group the Backup files and directories user right and the Restore files and directories user right
- C. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
- D. Create separate administrator user accounts for the technician
- E. Enforce permission inheritance on all of the objects in the AllEmployeesO
- F. Delegate permissions to the new user accounts.
- G. Enforce permission inheritance on all of the objects in the AllEmployeesO
- H. Run the Delegation of Control Wizard.
- I. Move the user accounts of the technicians to a separate O
- J. Enforce permission inheritance on all of the objects in the AllEmployeesO
- K. Run the Delegation of Control Wizard on the AllEmployeesOU.

Answer: A

NEW QUESTION 223

DRAG DROP

You manage a Network Policy Server (NPS) infrastructure that contains four servers named NPSPRX01, NPS01, NPS02, and NPS03. All servers run Microsoft Windows Server 2012 R2. NPSPRX01 is configured as an NPS proxy. NPS01, NPS02, and NPS03 are members of a remote RADIUS server group named GR01. GR01 is configured as shown below:



You need to ensure that authentication requests are identified even when a server is unavailable.

If a given server is unavailable, which percentage of authentication requests will another server manage? To answer, drag the appropriate value to the correct scenario. Each value 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.

scenario. Each value may be used once, more than once, or not at all. You may need to use

Actions	Answer Area										
10%	<table><tr><th>Scenario</th><th>Percentage</th></tr><tr><td>Percentage of authentication request that NPS01 services if NPS03 is unavailable</td><td><input type="text" value="Percent"/></td></tr><tr><td>Percentage of authentication request that NPS02 services if NPS03 is unavailable</td><td><input type="text" value="Percent"/></td></tr><tr><td>Percentage of authentication request that NPS03 services if NPS03 is unavailable</td><td><input type="text" value="Percent"/></td></tr><tr><td>Percentage of authentication request that NPS04 services if NPS03 is unavailable</td><td><input type="text" value="Percent"/></td></tr></table>	Scenario	Percentage	Percentage of authentication request that NPS01 services if NPS03 is unavailable	<input type="text" value="Percent"/>	Percentage of authentication request that NPS02 services if NPS03 is unavailable	<input type="text" value="Percent"/>	Percentage of authentication request that NPS03 services if NPS03 is unavailable	<input type="text" value="Percent"/>	Percentage of authentication request that NPS04 services if NPS03 is unavailable	<input type="text" value="Percent"/>
Scenario	Percentage										
Percentage of authentication request that NPS01 services if NPS03 is unavailable	<input type="text" value="Percent"/>										
Percentage of authentication request that NPS02 services if NPS03 is unavailable	<input type="text" value="Percent"/>										
Percentage of authentication request that NPS03 services if NPS03 is unavailable	<input type="text" value="Percent"/>										
Percentage of authentication request that NPS04 services if NPS03 is unavailable	<input type="text" value="Percent"/>										
0%											
50%											
90%											
5%											
95%											

Answer:

Explanation: Box 1: 95%

Box 2: 5%

Box 3: 0%

Box 4: 0%

Note:

* From the exhibit we have: NPS01: weight 30, priority: 5

NPS02: weight 50, priority: 90

NPS03: weight 20, priority: 5

Box 3: If NPS03 is unavailable it cannot handle any requests.Box 4: NPS04 is not mentioned in this question.

* Priority. Priority specifies the order of importance of the RADIUS server to the NPS proxy server. Priority level must be assigned a value that is an integer, such as 1, 2, or 3. The lower the number, the higher priority the NPS proxy gives to the RADIUS server. For example, if the RADIUS server is assigned the highest priority of 1, the NPS proxy sends connection requests to the RADIUS server first; if servers with priority 1 are not available, NPS then sends connection requests to RADIUS servers with priority 2, and so on. You can assign the same priority to multiple RADIUS servers, and then use the Weight setting to load balance between them.

* Weight. NPS uses this Weight setting to determine how many connection requests to send to each group member when the group members have the same priority level. Weight setting must be assigned a value between 1 and 100, and the value represents a percentage of 100 percent. For example, if the remote RADIUS server group contains two members that both have a priority level of 1 and a weight rating of 50, the NPS proxy forwards 50 percent of the connection requests to each RADIUS server.

NEW QUESTION 226

A company has a single-forest and single Active Directory Domain Services domain named contoso.com. The company has offices in multiple geographic locations and manages all computing devices from a network operations center located at a main office.

You deploy physical servers and user devices by using a Windows Deployment Services (WDS) server named WDS1, and a server that runs System Center 2012 Virtual Machine Manager SP1 named VMM1.

Every three months you update the standard deployment images and push the update images to all client devices in the organization. You use multicast deployments for the servers and client devices at the remote offices. To automate the deployment process, you create an Auto-Cast multicast transmission and pre-stage client devices.

You need to ensure that client devices continue the deployment process after the first reboot and do not restart the installation.

What should you do?

☐ A. Run the following Windows PowerShell command:

Set-WdsClient -DeviceName -PxePromptPolicy OptIn

☐ B. Run the following Windows PowerShell command:

New-WdsClient -DeviceID -PxePromptPolicy OptIn

☐ C. Run the following command at an administrative command prompt:

wdsutil /set-server /server:WDS1 /AllowN12ForNewClients:No

☐ D. Run the following command at an administrative command prompt:

wdsutil /set-server /wdsunattend /policy:enabled

A. Option A

B. Option B

C. Option C

D. Option D

Answer: B

Explanation: The Set-WdsClient cmdlet modifies a pre-staged client device.

The parameter -PxePromptPolicy<PxePromptPolicy> specifies the prompt policy for this computer to boot in PXE. The acceptable values for this parameter are:

-- Adopt

-- NoPrompt

-- OptIn

-- OptOut

Wdsclient PxePromptPolicy Incorrect:

Not B: The New-WdsClient cmdlet creates a pre-staged client, but here the pre-staged clients have already been created.

Not C: The computer must be configured to continue the boot process without user interaction (for example, by pressing F12).

The AllowN12ForNewClients option is regarding if the user must press F12. If we set this option to No, they user would be required to press the F12 key.

NEW QUESTION 229

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 enable split tunneling. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation: DirectAccess by default enables split tunneling. All traffic destined to the corpnet is sent over the DA IPsec tunnels, and all traffic destined for the Internet is sent directly to the Internet over the local interface. This prevents DA clients from bringing the corporate Internet connection to its knees. is DA split tunneling really a problem? The answer is no. Why? Because the risks that exist with VPNs, where the machine can act as a router between the Internet and the corporate network is not valid with DirectAccess. IPsec rules on the UAG server require that traffic be from an authenticated source, and all traffic between the DA client and server is protected with IPsec. Thus, in the scenario where the DA client might be configured as a router, the source of the traffic isn't going to be the DA client, and authentication will fail – hence preventing the type of routing that VPN admins are concerned about. Reference: Why Split Tunneling is Not a Security Issue with DirectAccess

NEW QUESTION 231

Your network contains 50 servers that run Windows Server 2003 and 50 servers that run Windows Server 2008. You plan to implement Windows Server 2012 R2. You need to create a report that includes the following information:
 ? The servers that run applications and services that can be moved to Windows Server 2012 R2
 ? The servers that have hardware that can run Windows Server 2012 R2
 ? The servers that are suitable to be converted to virtual machines hosted on Hyper- V hosts that run Windows Server 2012 R2
 Solution: You install Windows Server 2012 R2 on a new server, and then you run Microsoft Deployment Toolkit (MDT) 2012. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation: Microsoft Deployment Toolkit (MDT) 2013 allows you to automate the deployment of computers in your organization, but it does not include reporting.

NEW QUESTION 232

HOTSPOT
 Your company has four offices. The offices are located in Montreal, Seattle, New York, and Miami. Users access all of the web-based resources by using web proxy servers. The IP addresses of the web proxies at each office are configured as shown in the following table.

Office	Web proxy IP
Montreal	10.10.1.2
	10.10.1.3
	10.10.1.4
Seattle	10.10.2.2
	10.10.2.3
	10.10.2.4
New York	10.10.3.2
	10.10.3.3
	10.10.3.4
Miami	10.10.4.2
	10.10.4.3
	10.10.4.4

The connections to the web proxies are balanced by using round-robin DNS. The company plans to deploy a new application. The new application has a farm of front- end web servers that connect to a back-end application server. When a session to a web server is established, the web server stores data until the session closes. Once the session closes, the data is sent to the application server. You need to ensure that the incoming sessions to the web server farm are distributed among the web servers. The solution must ensure that if a web server fails, the users are NOT directed to the failed server. How should you configure the port rule? To answer, select the appropriate options in the answer area.

Answer Area

Filtering mode:

Affinity:

Answer Area

Filtering mode:

Disable this port range

Multiple host

Single host

Affinity:

Network

None

Single

Answer:

Explanation: **Answer Area**

Filtering mode:

Affinity:

NEW QUESTION 233

Your network contains multiple servers that run Windows Server 2012. All client computers run Windows 8. You need to recommend a centralized solution to download the latest antivirus definitions for Windows Defender. What should you include in the recommendation?

- A. Microsoft System Center 2012 Endpoint Protection
- B. Network Access Protection (NAP)
- C. Microsoft System Center Essentials
- D. Windows Server Update Services (WSUS)

Answer: D

Explanation: To use WSUS to deploy Windows Defender definition updates to client computers, follow these steps:

1. Open the WSUS Administrator console, and then click Options at the top of the console.
2. Click Synchronization Options.
3. Under Products and Classifications, click Change under Products.
4. Verify that the Windows Defender check box is selected, and then click OK.
5. Under Products and Classifications, click Change under Update Classifications.
6. Verify that the Definition Updates check box is selected, and then click OK.
7. Optional Update the automatic approval rule. To do this, follow these steps:
 - a. At the top of the console, click Options.
 - b. Click Automatic Approval Options.
 - c. Make sure that the Automatically approve updates for installation by using the following rule check box is selected.
 - d. Under Approve for Installation, click Add/Remove Classification.
 - e. Verify that the Definition Updates check box is selected, and then click OK.
8. At the top of the console, click Options.
9. Click Synchronization Options.
10. On the taskbar on the left, click Synchronize now.
11. At the top of the console, click Updates.
12. Approve any Windows Defender updates that WSUS should deploy.

Reference: How to use Windows Server Update Services (WSUS) to deploy definition updates to computers that are running Windows Defender
<https://support.microsoft.com/en-us/kb/919772>

NEW QUESTION 237

DRAG DROP

You have a file server named File1 that runs Windows Server 2012. File1 has five physical disks. You plan to create a highly available network share named Share1. You need to create Share1 on File1. The solution must ensure that Share1 is available if a single disk fails. Which four actions should you perform?

Answer:

Explanation: Create a parity virtual disk. Create a simple volume. Create and attach a VHD. Create a storage pool.

NEW QUESTION 239

Your company has two main offices and 10 branch offices. Each office is configured as a separate Active Directory site. The main offices sites are named Site1 and Site2. Each office connects to Site1 and Site2 by using a WAN link. Each site contains a domain controller that runs

Windows Server 2008.

You are redesigning the Active Directory infrastructure.

You plan to implement domain controllers that run Windows Server 2012 and decommission all of the domain controllers that run Windows Server 2008.

You need to recommend a placement plan for the Windows Server 2012 domain controllers to meet the following requirements:

? Ensure that users can log on to the domain if a domain controller or a WAN link fails.

? Minimize the number of domain controllers implemented.

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

A. Read-only domain controllers (RODCs) in the branch office sites

B. A writable domain controller in Site1

C. A writable domain controller in Site2

D. Writable domain controllers in the branch office sites

Answer: BC

Explanation: Writeable domain controllers in Site1 and Site2 are enough as we should minimize the number of domain controllers.

Incorrect:

Not A, not D Writeable domain controllers are not needed to authenticate users at the branch offices, as each branch office connects to both Site1 and Site2.

NEW QUESTION 242

Your network contains an Active Directory forest named contoso.com. The forest contains five domains. You need to ensure that the CountryCode attribute is replicated to the global catalog.

What should you do?

A. Modify the schema partition.

B. Create and modify an application partition.

C. Modify the configuration partition.

D. Modify the domain partitions.

Answer: A

Explanation: After an attributeSchema object is created, marking an additional attribute to replicate to the Global Catalog causes a full replication (also known as a "full sync") of all objects to the Global Catalog.

Reference: How to Modify Attributes That Replicate to the Global Catalog <https://support.microsoft.com/en-us/kb/248717>

NEW QUESTION 243

Your network contains a Hyper-V host named Host1 that runs Windows Server 2012. Host1 contains a virtual machine named DC1. DC1 is a domain controller that runs Windows Server 2012.

You plan to clone DC1.

You need to recommend which steps are required to prepare DC1 to be cloned.

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

A. Run dcpromo.exe /adv.

B. Create a file named Dccloneconfig.xml.

C. Add DC1 to the Cloneable Domain Controllers group.

D. Run sysprep.exe /oobe.

E. Run New-VirtualDiskClone.

Answer: BC

Explanation: B: DcCloneConfig.xml is an XML configuration file that contains all of the settings the cloned DC will take when it boots. This includes network settings, DNS, WINS, AD site name, new DC name and more. This file can be generated in a few different ways.

C: There's a new group in town. It's called Cloneable Domain Controllers and you can find it in the Users container. Membership in this group dictates whether a DC can or cannot be

cloned. This group has some permissions set on the domain head that should not be removed. Removing these permissions will cause cloning to fail. Also, as a best practice, DCs shouldn't be added to the group until you plan to clone and DCs should be removed from the group once cloning is complete. Cloned DCs will also end up in the Cloneable Domain Controllers group. Make sure to remove those as well.

Reference: <http://blogs.technet.com/b/askpfeplat/archive/2012/10/01/virtual-domain-controller-cloning-in-windows-server-2012.aspx>

NEW QUESTION 245

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