

70-413 Dumps

Designing and Implementing a Server Infrastructure

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NEW QUESTION 1

What method should you use to deploy servers?

- A. WDS
- B. AIK
- C. ADK
- D. EDT

Answer: A

Explanation: WDS is a server role that enables you to remotely deploy Windows operating systems. You can use it to set up new computers by using a network-based installation. This means that you do not have to install each operating system directly from a CD, USB drive, or DVD.

Reference: What's New in Windows Deployment Services in Windows Server <https://technet.microsoft.com/en-us/library/dn281955.aspx>

NEW QUESTION 2

You implement and authorize the new DHCP servers. You import the server configurations and the scope configurations from PA1 and AM1.

You need to ensure that clients can obtain DHCP address assignments after you shut down PA1 and AM1. The solution must meet the technical requirements. What should you do?

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

Answer: B

Explanation: The Get-DhcpServerv4Lease cmdlet gets one or more lease records from the Dynamic Host Configuration Protocol (DHCP) server service.

The Add-DhcpServerv4Lease cmdlet adds a new IPv4 address lease on the Dynamic Host Configuration Protocol (DHCP) server service. This cmdlet is only supported for DHCP server service running on Windows Server® 2012.

NEW QUESTION 3

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

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

What should you do before you migrate the user accounts?

- A. Run the New-Object cmdlet, and then run the Add- 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 4

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

What should you include in the recommendation?

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

Answer: D

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

Scenario:

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

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

NEW QUESTION 5

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

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

Answer: B

Explanation: * Scenario:

/ All changes to Group Policies must be logged.

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

* Microsoft Desktop Optimization Pack

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

What is the Microsoft Desktop Optimization Pack?

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

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

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

NEW QUESTION 6

You implement a new virtualized print server that runs Windows Server 2012. You need to migrate the print queues. Which tool should you use?

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

Answer: C

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

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

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

? Microsoft Management Console (MMC).

? The Printbrm.exe command-line tool.

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

Important

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

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

NEW QUESTION 7

You are planning the 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 Management Console (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:

Volume type:

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

You need to recommend a deployment method for Proseware. What is the best approach to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

- A. A WDS Deployment server and Multicast transmissions
- B. A WDS Deployment server and Unicast transmissions
- C. A WDS Transport server and Multicast transmissions
- D. A WDS Transport server and Unicast transmissions

Answer: A

Explanation: A WDS deployment server is appropriate in this scenario with three offices that will have 50 new clients each. As the WAN links are fast the computers can be deployed through multicast.
Incorrect:
Not B: As the offices are connected through high-bandwidth, low-latency WAN links unicast is not necessary.
Not C, Not D: As each office only will have 50 client computers, a small network, a deployment through a WDS transport server is not required.
Reference: Windows Deployment Services Overview <https://technet.microsoft.com/en-us/library/hh831764.aspx>

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,

VPN Protocols	Answer Area
IKEv2	The New York office: VPN
L2TP	The Chicago office: VPN
PPTP	
SSTP	

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 12

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 13

You need to recommend a solution for the RODC.

Which attribute should you include in the recommendation?

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

Answer: B

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

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

NEW QUESTION 17

DRAG DROP

You need to recommend changes for the Active Directory infrastructure.

What should you recommend? To answer, drag the appropriate domain and forest functional levels for proseware.com to the correct locations. Each functional level 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.

The screenshot shows the 'Functional Levels' configuration window in Active Directory. On the left, there is a list of functional levels: Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, and Windows Server 2012 R2. On the right, there is an 'Answer Area' with two fields: 'Domain functional level for proseware.com:' and 'Forest functional level for proseware.com:'. Each field has a dropdown menu labeled 'Functional level'.

Answer:

Explanation: From the scenario we have that Domain controllers that run Windows Server 2012 R2 and Windows Server 2008 R2 must be able to be deployed to the proseware.com domain. We should therefore set both domain functional level and forest functional level to Windows Server 2008 R2.

Box 1: Windows Server 2008 R2

We can set the domain functional level for proseware.com to Windows Server 2008 R2 as

only Domain controllers that run Windows Server 2012 R2 and Windows Server 2008 R2 must be able to be deployed to the proseware.com domain.

Box 2: Windows Server 2008 R2

As we cannot set the domain functional level to a value that is lower than the forest functional level we should set the forest function level to Windows Server 2008 R2 as well.

Topic 3, Litware, Inc

Overview

Litware, Inc., is a manufacturing company. The company has a main office and two branch offices. The main office is located in Seattle. The branch offices are

located in Los Angeles and Boston.

Existing Environment Active Directory

The network contains an Active Directory forest named litwareinc.com. The forest contains

a child domain for each office. The child domains are named boston.litwareinc.com and la.litwareinc.com. An Active Directory site exists for each office.

In each domain, all of the client computer accounts reside in an organizational unit (OU) named AllComputers and all of the user accounts reside in an OU named AllUsers.

All domain controllers run Windows Server 2008 R2 and are configured as DNS servers. The functional level of the domain and the forest is Windows Server 2008.

Network Infrastructure

The main office has the following servers:

? Five physical Hyper-V hosts that run Windows Server 2012

? Three virtual file servers that run Windows Server 2008 R2

? One physical DHCP server that runs Windows Server 2008 R2

? Ten physical application servers that run Windows Server 2012

? One virtual IP Address Management (IPAM) server that runs Windows Server 2012

? One virtual Windows Server Update Services (WSUS) server that runs Windows Server 2008 R2

? One physical domain controller and two virtual domain controllers that run Windows Server 2008 R2

Each branch office has following servers:

? One virtual file server that runs Windows Server 2008 R2

? Two physical Hyper-V hosts that run Windows Server 2012

? One physical DHCP server that runs Windows Server 2008 R2

? One physical domain controller and two virtual domain controllers that run Windows Server 2008 R2

All of the offices have a high-speed connection to the Internet. The offices connect to each other by using T1 leased lines.

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

Requirements Planned Changes

The company plans to implement the following changes:

? Implement the Active Directory Recycle Bin.

? Implement Network Access Protection (NAP).

? Implement Folder Redirection in the Boston office only.

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

? Migrate to IPv6 addressing on all of the servers in the Los Angeles office. Some application servers in the Los Angeles office will have only IPv6 addresses.

Technical Requirements

The company identifies the following technical requirements:

? Minimize the amount of administrative effort whenever possible.

? Ensure that NAP with IPsec enforcement can be configured.

? Rename boston.litwareinc.com domain to bos.litwareinc.com.

? Migrate the DHCP servers from the physical servers to a virtual server that runs Windows Server 2012.

? Ensure that the members of the Operators groups in all three domains can manage the IPAM server from their client computer.

VPN Requirements

You plan to implement a third-party VPN server in each office. The VPN servers will be configured as RADIUS clients. A server that runs Windows Server 2012 will perform RADIUS authentication for all of the VPN connections.

Visualization Requirements

The company identifies the following visualization requirements:

? Virtualize the application servers.

? Ensure that the additional domain controllers for the branch offices can be deployed by using domain controller cloning.

? Automatically distribute the new virtual machines to Hyper-V hosts based on the current resource usage of the Hyper-V hosts.

Server Deployment Requirements

The company identifies the following requirements for the deployment of new servers on the network:

? Deploy the new servers over the network.

? Ensure that all of the server deployments are done by using multicast.

Security Requirements

A new branch office will open in Chicago. The new branch office will have a single read-only domain controller (RODC). Confidential attributes must not be replicated to the Chicago office.

NEW QUESTION 18

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 20

You need to recommend a server deployment strategy for the main office that meets the server deployment requirements.

What should you recommend installing in the main office?

- A. Windows Deployment Services (WDS)
- B. The Windows Automated Installation Kit (Windows AIK)
- C. The Express Deployment Tool (EDT)
- D. The Windows Assessment and Deployment Kit (Windows ADK)

Answer: A

Explanation: WDS is a server role that enables you to remotely deploy Windows operating systems. You can use it to set up new computers by using a network-based installation. This means that you do not have to install each operating system directly from a CD, USB drive, or DVD.
Reference: What's New in Windows Deployment Services in Windows Server

NEW QUESTION 21

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

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

Answer: C

Explanation: * Scenario:

Implement Network Access Protection (NAP).

Ensure that NAP with IPsec enforcement can be configured.

* Health Registration Authority

Applies To: Windows Server 2008 R2, Windows Server 2012

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

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

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

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

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

Reference: Health Registration Authority

NEW QUESTION 25

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 27

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

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

Answer: D

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

A new subnet would be needed to implement this change.

Incorrect:

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

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

NEW QUESTION 32

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 36

You need to recommend an IPAM management solution for the Operators groups. The solution must meet the technical requirements.

What should you include in the recommendation?

- A. Run the Invoke-IpamGpoProvisioningcmdlet in all three domain
- B. Add the computers used by the members of the Operators group to the IPAM server.
- C. Modify the membership of the IPAM Administrators group and the WinRMRemoteWMIUsers_ group on the IPAM server.
- D. Run the Set-IpamConfigurationcmdlet and modify the membership of the WinRMRemoteWMIUsers_ group on the IPAM server.
- E. Run the Set-IpamConfigurationcmdlet on the IPAM server
- F. Run the Invoke-IpamGpoProvisioningcmdlet in all three domains.

Answer: B

Explanation: Scenario: Ensure that the members of the Operators groups in all three domains can manage the IPAM server from their client computer.

NEW QUESTION 41

You need to recommend a remote access solution that meets the VPN requirements. Which role service should you include in the recommendation?

- A. Routing
- B. Network Policy Server
- C. DirectAccess and VPN (RAS)
- D. Host Credential Authorization Protocol

Answer: B

Explanation: Scenario:

A server that runs Windows Server 2012 will perform RADIUS authentication for all of the VPN connections.

Ensure that NAP with IPsec enforcement can be configured.

Network Policy Server

Network Policy Server (NPS) allows you to create and enforce organization-wide network access policies for client health, connection request authentication, and connection request authorization. In addition, you can use NPS as a Remote Authentication Dial-In User Service

(RADIUS) proxy to forward connection requests to a server running NPS or other RADIUS servers that you configure in remote RADIUS server groups.

NPS allows you to centrally configure and manage network access authentication, authorization, and client health policies with the following three features:

RADIUS server. NPS performs centralized authorization, authentication, and accounting for wireless, authenticating switch, remote access dial-up and virtual private network (VPN) connections. When you use NPS as a RADIUS server, you configure network access servers, such as wireless access points and VPN servers, as RADIUS clients in NPS. You also configure network policies that NPS uses to authorize connection requests, and you can configure RADIUS accounting so that NPS logs accounting information to log files on the local hard disk or in a Microsoft SQL Server database.

Reference: Network Policy Server <http://technet.microsoft.com/en-us/library/cc732912.aspx>

NEW QUESTION 44

You need to recommend a server virtualization strategy that meets the technical requirements and the virtualization requirements.

What should you include in the recommendation?

- A. Windows Server Backup
- B. The Microsoft Virtual Machine Converter
- C. Microsoft System Center 2012 Virtual Machine Manager (VMM)
- D. Disk2vhd

Answer: C

Explanation: * Scenario:

Virtualize the application servers.

Automatically distribute the new virtual machines to Hyper-V hosts based on the current resource usage of the Hyper-V hosts.

The main office has the following servers: Five physical Hyper-V hosts that run Windows Server 2012

* System Center Virtual Machine Manager 2012: VMM Gets Major Upgrade

Expanded hypervisor support, virtual application support and a myriad of other upgrades are coming in the new VMM 2012.

Note: There's no doubt that Microsoft is making System Center Virtual Machine Manager (VMM) a key component of the System Center suite. The scope of the product is being expanded so much that it could be renamed "System Center Virtual Datacenter Manager." The new version of VMM is currently in beta and is scheduled for release in the second half of 2011.

VMM can now do bare-metal installations on fresh hardware, create Hyper-V clusters instead of just managing them, and communicate directly with your SAN arrays to provision storage for your virtual machines (VMs). The list of supported hypervisors has also grown—it includes not only Hyper-V and VMware vSphere Hypervisor, but

Reference: System Center Virtual Machine Manager 2012: VMM Gets Major Upgrade <http://technet.microsoft.com/en-gb/magazine/hh300651.aspx>

Topic 4, Northwind Traders

Overview

Northwind Traders is a retail company.

The company has offices in Montreal and San Diego. The office in Montreal has 1,000 client computers. The office in San Diego has 100 computers. The computers in the San Diego office are often replaced. The offices connect to each other by using a slow WAN

link. Each office connects directly to the Internet.

Existing Environment

Active Directory Environment

The network contains an Active Directory forest named northwindtraders.com. The forest contains two domains named northwindtraders.com and west.northwindtraders.com. All servers run Windows Server 2012 R2.

All client computers run Windows 7.

Each office is configured as an Active Directory site. The site in the Montreal office is named Site1. The site in the San Diego office is named Site2.

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

Domain controllers name	Domain	Site	Role
DC1	Nothwindtraders.com	Site1	<ul style="list-style-type: none"> DNS server Global catalog server
DC2	Northwindtraders.com	Site1	<ul style="list-style-type: none"> DNS server Global catalog server
DC3	West.northwindtraders.com	Site1	DNS server
RODC1	West.northwindtraders.com	Site2	DNS server

DC1, DC2, and DC3 are writable domain controllers. RODC1 is read-only domain controller (RODC). All DNS zones are Active Directory-integrated. All zones replicate to all of the domain controllers.

All of the computers in the San Diego office are configured to use RODC1 as their only DNS server.

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

All of the user accounts for the Montreal users are in the northwindtraders.com domain. All of the user accounts for the San Diego users are in the west.northwindtraders.com domain.

Network Environment

Site1 contains the member servers in the northwindtraders.com domain shown in the following table.

Server name	Component
Server1	Hyper-V host
Server2	System Center 2012 R2 Virtual Machine Manager (VMM) server
Server3	IP Address Management (IPAM) server File server
Server4	Routing and Remote Access server
Server5	Web server

Server1 connects to SAN storage that supports Offloaded Data Transfer (ODX). All virtual hard disks (VHDs) are stored on the SAN.

A web application named App1 is installed on Servers.

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.

A perimeter network in the Montreal office contains two standalone servers. The servers are configured as shown in the following table.

Server name	Component
Server6	Web application proxy
Server7	Web Server (IIS) server role

The servers in the perimeter network are accessible from the Internet by using a domain name suffix of public.northwindtraders.com.

Each administrator has a management computer that runs Windows 8.1.

Requirements Planned Changes

Northwind Traders plans to implement the following changes:

On Server1, create four virtual machines that run Windows Server 2012 R2. The servers will be configured as shown in the following table.

Virtual machine name	Generation	Controller type	VHD format
VM1	Generation 1	IDE	VHDX
VM2	Generation 2	SCSI	VHD
VM3	Generation 1	SCSI	VHD
VM4	Generation 2	SCSI	VHDX

? Configure IP routing between Site1 and the network services that Northwind Traders hosts in Windows Azure.

? Place a domain controller for the northwindtraders.com domain in Windows Azure.

? Upgrade all of the computers in the Montreal office to Windows 8.1.

? Purchase a subscription to Microsoft Office 365.

? Configure a web application proxy on Server6.

? Configure integration between VMM and IPAM.

? Apply GPO1 to all of the San Diego users.

? Connect Site1 to Windows Azure.

Technical Requirements

Northwind Traders must meet the following technical requirements:

? All virtual machines must use ODX.

? Users must be able to access App1 from the Internet.

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

? All DNS zones must replicate only to DC1, DC2, and DC3.

? All computers must be able to resolve names by using a local DNS server.

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

? The credentials for accessing Windows Azure must be permanently stored.

? The on-premises network must be connected to Windows Azure by using Server4.

? The administrators must be able to manage Windows Azure by using Windows PowerShell.

? The number of servers and services deployed in the San Diego office must be minimized.

? Active Directory queries for the objects in the forest must not generate WAN traffic, whenever possible.

Security Requirements

Northwind Traders identifies the following security requirements:

? Ensure that all DNS zone data is encrypted when it is replicated.

- ? Minimize the number of permissions assigned to users and administrators, whenever possible. Prevent an Active Directory Domain Services (AD DS) attribute named SSNumber from replicating to Site2.
- ? Ensure that users can use their northwindtraders.com user account to access the resources hosted in Office 365.
- ? Prevent administrators from being required to re-enter their credentials when they manage Windows Azure from approved management computers.

NEW QUESTION 45

You need to recommend a solution for the replication of Active Directory. What should you recommend modifying?

- A. The Active Directory Schema
- B. The properties of Site1
- C. The RODC1 computer account
- D. The properties of Site2

Answer: A

Explanation: An AD Schema can be configured to prevent specific information from being replicated. You add an attribute to the RODC filtered attribute set, and then mark it as confidential.

* Scenario: Prevent an Active Directory Domain Services (AD DS) attribute named SSNumber from replicating to Site2.

Reference: Appendix D: Steps to Add an Attribute to the RODC Filtered Attribute Set [https://technet.microsoft.com/en-us/library/cc772331\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc772331(v=ws.10).aspx)

NEW QUESTION 50

HOTSPOT

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

You need to implement an IPAM solution.

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

Answer Area

Server2:

Server3:

Answer Area

Server2:

Server3:

Answer:

Explanation: Box 1: Add a network service

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

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

Scenario:

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

NEW QUESTION 52

You need to implement a solution for DNS replication. Which cmdlets should you run?

- A. Set-DnsServer and Invoke-DnsServerZoneSign
- B. ConvertTo-DnsServerPrimaryZone and Register-DnsServerDirectoryPartition
- C. UnRegister-DnsServerDirectoryPartition and Add-DnsServerForwarder
- D. Set-DnsServerDnsSecZoneSetting and Invoke-DnsServerZoneSign

Answer: C

Explanation: Currently DNS zones are replicated to all Domain Controllers, but they should only replicate only to DC1, DC2, and DC3. We can unregister other DNS servers (RODC1) with the help of UnRegister-DnsServerDirectoryPartition cmdlet, which deregisters a Domain Name System (DNS) server from a specified DNS application directory partition.

RODC1 is still used as a DNS server, but does not receive zone replication, but it should still function as a DNS server as all computers need to resolve names by using a local DNS server. We configure RODC1 to forward DNS requests to DC1, DC2 or DC3 with the help of the Add-DnsServerForwarder command.

* Scenario. Technical Requirement related to DNS:

Ensure that all DNS zone data is encrypted when it is replicated

All computers must be able to resolve names by using a local DNS server All DNS zones must replicate only to DC1, DC2, and DC3

Reference: UnRegister-DnsServerDirectoryPartition, Add-DnsServerForwarder

NEW QUESTION 57

HOTSPOT

You are evaluating the virtual machine environment.

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

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

Answer:

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

* ID requirements include:

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

Fibre Channel

Fibre Channel over Ethernet Serial Attached SCSI (SAS)

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

NEW QUESTION 60

You need to recommend an Office 365 integration solution. What should you include in the recommendation?

- A. Active Directory directory synchronization
- B. The Active Directory Migration Tool (ADMT)
- C. Windows Identity Foundation (WIF) 3.5
- D. The Sync Framework Toolkit

Answer: A

Explanation: * Scenario: Each office is configured as an Active Directory site.

Reference: Synchronizing your directory with Office 365 is easy <https://blogs.office.com/2014/04/15/synchronizing-your-directory-with-office-365-is-easy/>

NEW QUESTION 61

HOTSPOT

You need to design the acquisition strategy for Margie's Travel.

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

Answer Area

Action	
Install the Active Directory Migration Tool on server:	<div style="border: 1px solid black; padding: 5px;"> <div style="text-align: right; margin-bottom: 5px;">▼</div> ALP-CA01 ALP-DC01 ALP-DC02 ALP-DC03 ALP-DC04 </div>
Specify the following user account option:	<div style="border: 1px solid black; padding: 5px;"> <div style="text-align: right; margin-bottom: 5px;">▼</div> Account is disabled Password never expires User cannot change password Do not require Kerberos preauthentication Store password using reversible encryption User must change password at next logon </div>

Answer:

Explanation:

Answer Area

Action	
Install the Active Directory Migration Tool on server:	<div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> ALP-CA01 ALP-DC01 ALP-DC02 ALP-DC03 ALP-DC04 </div>
Specify the following user account option:	<div style="border: 1px solid black; padding: 5px;"> <ul style="list-style-type: none"> Account is disabled Password never expires User cannot change password Do not require Kerberos preauthentication Store password using reversible encryption User must change password at next logon </div>

NEW QUESTION 66

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

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

Answer: D

NEW QUESTION 71

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 73

DRAG DROP

You need to design the file management solution.

What should you do? To answer, drag the appropriate technology to the correct office.

Each technology 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.

Technologies	Answer Area	
	Office	Technology
BranchCache Hosted Mode	New York	Technology
BranchCache Distributed Mode	Denver	Technology
DirectAccess	Montreal	Technology
Distributed File System Replication	Los Angeles	Technology

Answer:

Explanation:

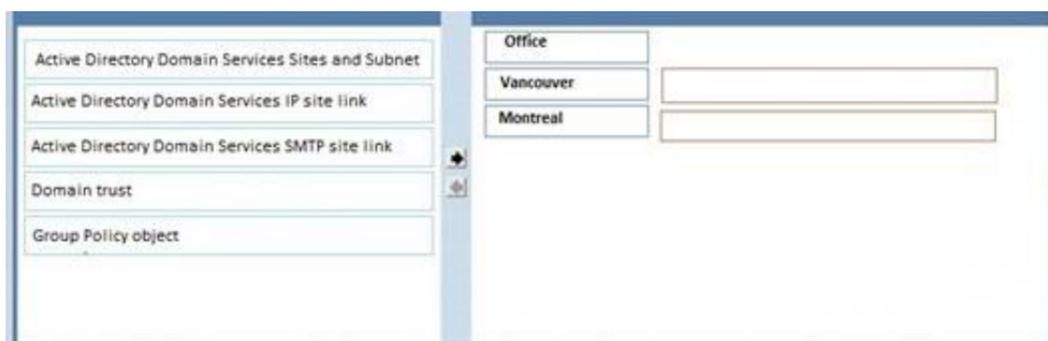
Technologies	Answer Area	
	Office	Technology
BranchCache Hosted Mode	New York	BranchCache Hosted Mode
BranchCache Distributed Mode	Denver	Distributed File System Replication
DirectAccess	Montreal	BranchCache Distributed Mode
Distributed File System Replication	Los Angeles	DirectAccess

NEW QUESTION 77

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 App1. 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 App1. 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 App1. To accommodate these plans, the size of the database 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 CLOUD2 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 81

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 82

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 84

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 88

DRAG DROP

You need to configure DNS for the Dublin office.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
On DC1, configure a replication scope for lab.contoso.com.	
On DC2, change the DNS Zone type for lab.contoso.com to 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:

Explanation:

Actions	Answer Area
On DC1, configure a replication scope for lab.contoso.com.	On DC1, create a new DNS application partition.
On DC2, change the DNS Zone type for lab.contoso.com to Stub Zone .	On DC1, configure a replication scope for lab.contoso.com.
On DC3, unregister the DomainDnsZones application partition.	On DC2, change the DNS Zone type for lab.contoso.com to Stub Zone .
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.	

NEW QUESTION 93

You need To configure the Group Policy for salespeople.

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 96

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 deploy a local WDS server that runs only the Transport role. You configure local DHCP servers to direct local clients to the local WDS

server.
Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation: Reference: Windows Deployment Services Getting Started Guide for Windows Server 2012

NEW QUESTION 100

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

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

Answer: C

Explanation: * Scenario: Azure migration

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

Reference: Understanding App Controller 2012

NEW QUESTION 101

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

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

Assertion:

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

Reason:

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

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

- ? Both the Assertion and Reason are true. and the Reason is the correct explanation for the Assertion.
- ? Both the Assertion and Reason are true but the Reason is not the correct explanation for the Assertion.
- ? The Assertion is true, but the Reason is false.
- ? The Assertion is false, but the Reason is true.

- A. Both the Assertion and the Reason are false.

Answer: A

NEW QUESTION 104

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

- A. Install a domain Controller and configure Universal Group Membership Caching.
- B. Install a domain Controller and add the Global Catalog role.
- C. Install a read-only domain controller.
- D. Install a domain controller and enable BranchCache.

Answer: C

NEW QUESTION 106

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 110

DRAG DROP

You must configure the replication of credentials of the user for the area of Great Britain. What three steps will guide you in order from? (The available actions are

shown in the picture. Click the Drawing button and assign the necessary three steps in the proper order at.)

Insert the Password Replication Policy, the existing accounts, and configure the access level with Deny

Use the credentials of the Domain Admins and open the Active Directory Snap-In Domains and Trusts.

Use the credentials of the Domain Admins and open the Active Directory Snap-In Users and Computers.

Configure on EF - DC , the properties of the account of LON - DC-01

Configure on LON - DC-01, the properties of the account of EF - DC .

Insert the Password Replication Policy, the existing accounts, and configure the access level with Allow.

Answer Area

Answer:

Explanation:

Insert the Password Replication Policy, the existing accounts, and configure the access level with Deny

Use the credentials of the Domain Admins and open the Active Directory Snap-In Domains and Trusts.

Use the credentials of the Domain Admins and open the Active Directory Snap-In Users and Computers.

Configure on EF - DC , the properties of the account of LON - DC-01

Configure on LON - DC-01, the properties of the account of EF - DC .

Insert the Password Replication Policy, the existing accounts, and configure the access level with Allow.

Answer Area

Use the credentials of the Domain Admins and open the Active Directory Snap-In Users and Computers.

Configure on LON - DC-01, the properties of the account of EF - DC .

Insert the Password Replication Policy, the existing accounts, and configure the access level with Allow.

NEW QUESTION 113

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

mount [-o anon
nolock
Fileaccess=703
Fileaccess=777] \\UNIX1\Share1 (FileServe1 *
FileServe1 C
UNIX1 | *
UNIX1 | C)

Answer:

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

NEW QUESTION 118

HOTSPOT

You need to ensure that all users can launch the destgn application

How should you complete the relevant Windows PowerShell script? To answer,select the appropriate cmdlets in the answer area.

Hot Area:

Answer Area

```
$Tier = Get-SCComputerTier -Service Service1 where ($_.Name -eq "Web Tier 0")
$VMConfig = Add-SCVMHost -ComputerTier $Tier -Name "NewServiceVM01"
-Description "New VM configuration for tier"
$VMHosts = Get-SCVMHost
$HostRatings = @(Get-SCVMHostRating -VMHost $VMHosts -VMConfiguration $VMConfig | where {$_.Rating -gt 0} | sort -Property Rating -Descending)
if ($HostRating.Count -eq 0) {throw "No hosts meet the placement requirements: "}
$VMHost = $HostRating[0].vmhost
Set-SCVMConfiguration -VMConfiguration $VMConfig -VMHost $VMHost
Update-SCVMConfiguration -VMConfiguration $VMConfig
$VM = New-SCCloud -Name "NewServiceVM01"
-VMConfigurationScaleOut $VMConfig
```

Answer:

Explanation:

```

Answer Area
$Tier = Get-SCComputerTier -Service Service I where ($_.Name -eq "Web Tier 0")
$VMConfig = Add-SCVMHost -ComputerTier $Tier -Name "NewServiceVM01"
             New-SCService
             Add-SCPXEserver
             New-SCVMConfiguration
-Description "New VM configuration for tier"
$VMHosts = Get-SCVMHost
$HostRatings = @(Get-SCVMHostRating -VMHost $VMHosts -VMConfiguration
$VMConfig | where {$_.Rating -gt 0} | sort -Property Rating -Descending)
If ($HostRating.Count -eq 0) {throw "No hosts meet the placement requirements: "}
$VMHost = $HostRating[0].vmhost
Set-SCVMConfiguration -VMConfiguration $VMConfig -VMHost $VMHost
Update-SCVMConfiguration -VMConfiguration $VMConfig
$VM = New-SCCloud -Name "NewServiceVM01"
      Add-SCPXEserver
      Add-SCLoadBalancer
      New-SCVirtualMachine
-VMConfigurationScaleOut $VMConfig
    
```

NEW QUESTION 120

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 124

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

You plan to automate the deployment of servers that run Windows Server 2012. You identify the following requirements for the deployment:

- ? Update the custom images that will be used for the deployment.
- ? Add custom drivers to the images that will be used for the deployment.
- ? Add software packages to the images that will be used for the deployment.
- ? Perform a zero touch bare-metal installation that uses Wake On LAN.

A network consultant recommends using Windows Deployment Services (WDS) and the Windows Assessment and Deployment Kit (Windows ADK) to deploy the servers.

You need to identify which requirements are achieved by using the consultant's recommendations.

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

- A. Update the custom images used for the deployment.
- B. Add software packages to the images used for the deployment.
- C. Perform a zero touch bare-metal installation that uses Wake On LAN.
- D. Add custom drivers to the images used for the deployment.

Answer: AD

Explanation: Microsoft Deployment Toolkit 2010 MDT 2010 requires Windows AIK for Windows.

Manage your images, from adding/removing drivers to easily swapping out the operating system you would like to deploy.

Incorrect:

Not C: System Center Configuration Manager (ConfigMgr)

ConfigMgr allows you to push an OSD to the computers of your choice at the time of your choosing due to its built in Wake on LAN (WOL) feature.

NEW QUESTION 125

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) recor
- 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 127

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 132

HOTSPOT

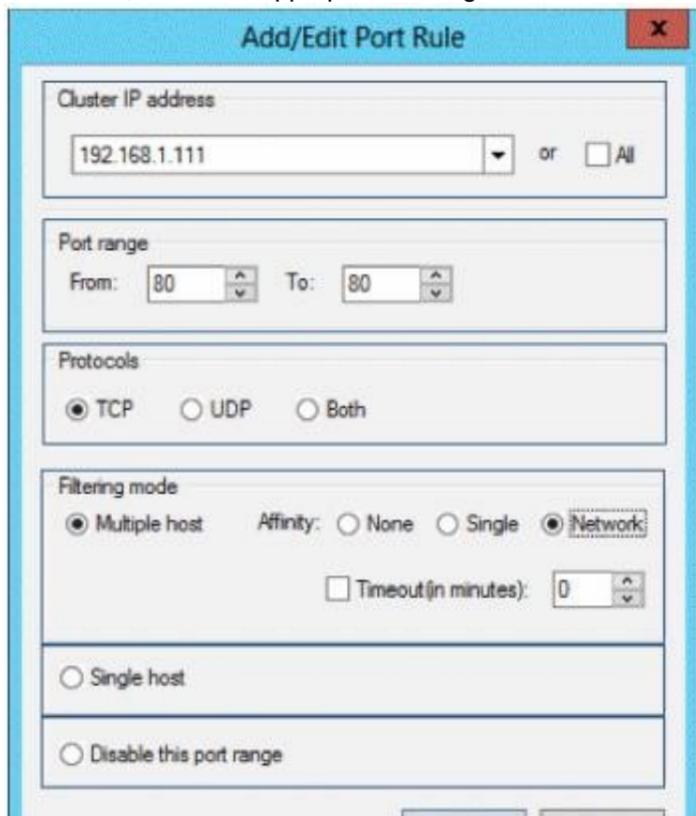
Your network contains an Active Directory domain named contoso.com. The domain contains a Network Load Balancing (NLB) cluster named Cluster1 that contains four nodes. Cluster1 hosts a web application named App1. The session state information of App1 is stored in a Microsoft SQL Server 2012 database.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

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

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

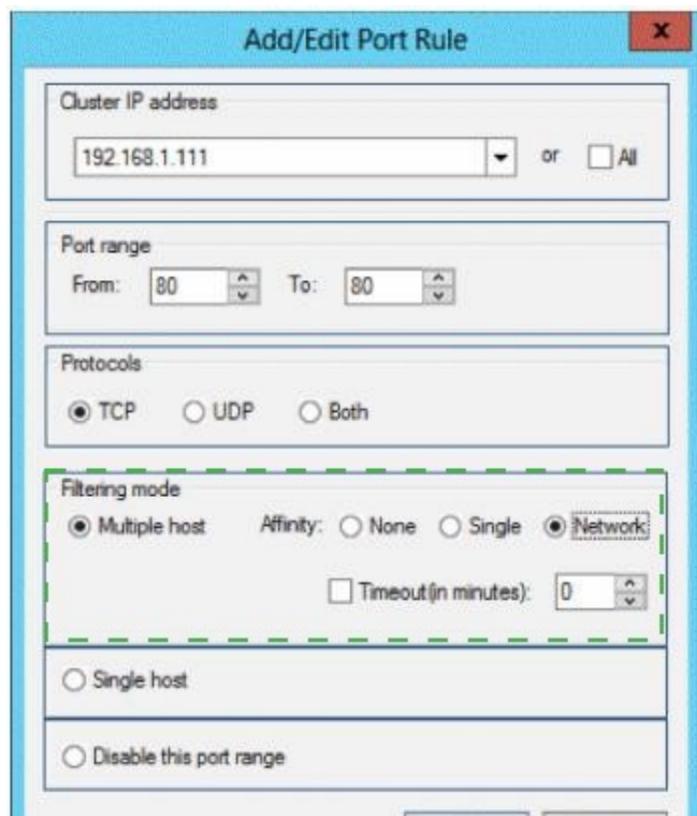
What should you modify from the port settings?

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



Answer:

Explanation:



NEW QUESTION 137

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

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

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

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

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

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

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

Answer: D

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

NEW QUESTION 141

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

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

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

What should you do?

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

Answer: D

NEW QUESTION 143

DRAG DROP

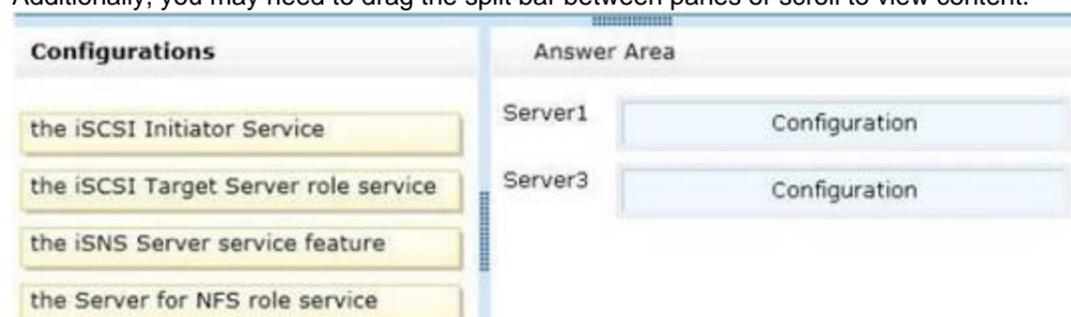
Your network contains three servers named Server1, Server2, and Server3 that run Windows Server 2012. Server3 is connected to a disk storage array.

You need to ensure that Server1 can store files on the storage array. The solution must ensure that Server1 can access the storage as a local disk.

What should you configure on each server?

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

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



Answer:

Explanation: Box 1: iSCSI Initiator Service

Services that depend on iSCSI devices

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

Box 2: iSCSI Target Server role service

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

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

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

NEW QUESTION 147

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 O
- 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 domai
- F. Add the Division1Admin members to the Domain Admins grou
- G. Configure the password policy in a Group Policy object (GPO).
- H. Create a new fores
- 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 O
- L. Move the Division1 user objects to the new O
- M. Create a fine-grained password policy for the Division1 users.

Answer: A

NEW QUESTION 151

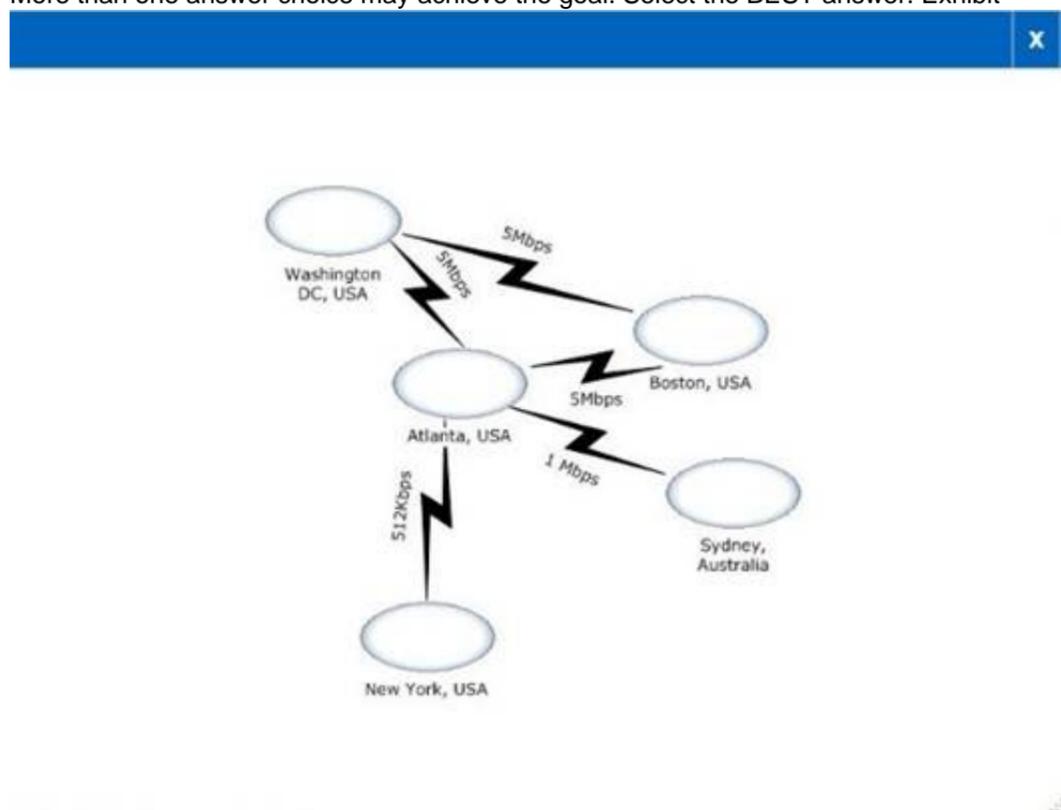
Your network contains an Active Directory domain named contoso.com. The physical topology of the network is configured as shown in the exhibit.

Each office contains 500 employees.

You plan to deploy several domain controllers to each office.

You need to recommend a site topology for the planned deployment. What should you include in the recommendation?

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



- A. Five sites and one site link
- B. Three sites and three site links
- C. One site
- D. Five sites and three site links

Answer: D

Explanation: Create a site for each LAN, or set of LANs, that are connected by a high speed backbone, and assign the site a name. Connectivity within the site must be reliable and always available.

This would mean 5 sites Site links are transitive, so if site A is connected to site B, and site B is connected to site C, then the KCC assumes that domain controllers in site A can communicate with domain controllers in site C. You only need to create a site link between site A and site C if there is in fact a distinct network connection between those two sites. This would mean 3 sitelinks

So answer is "Five sites and three site links"

Reference: Defining Sites and Site Links <http://technet.microsoft.com/en-us/library/cc960573.aspx>

NEW QUESTION 152

Your network contains two server named DHCP1 and DHCP2 that run Windows Server 2012 and have the DHCP Server server role installed. You need to design a highly available DHCP deployment to meet the following requirements.

- . Deploy stateless DHCPv6
- . Provide Ipv6 options to clients on multiple subnets.
- . Allow for clients to renew existing IPV6 address leases if a single server is unavailable.
- . Minimize administrative effort.

What should you include in the design?

- A. Configure both servers to provide identical option configuration.
- B. Add DHCP1 and DHCP2 to a failover cluste
- C. Configure the DHCP for high availability.
- D. From DHCP1, configure DHCP Failover in Hot Standby Mode
- E. From DHCP1, configure DHCP Failover in Load Balance Mode.

Answer: A

NEW QUESTION 157

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

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 160

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 165

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

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

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

You plan to move the shared folder to Cluster1.

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

What should you recommend?

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

- A. The Generic Application cluster role
- B. The DFS Namespace Server cluster role

- C. The clustered File Server role of the File Server for general use type
- D. The clustered File Server role of the File Server for scale-out application data type

Answer: C

NEW QUESTION 170

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.

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 174

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 177

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

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

authentication services and accounting services.

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

What should you recommend?

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

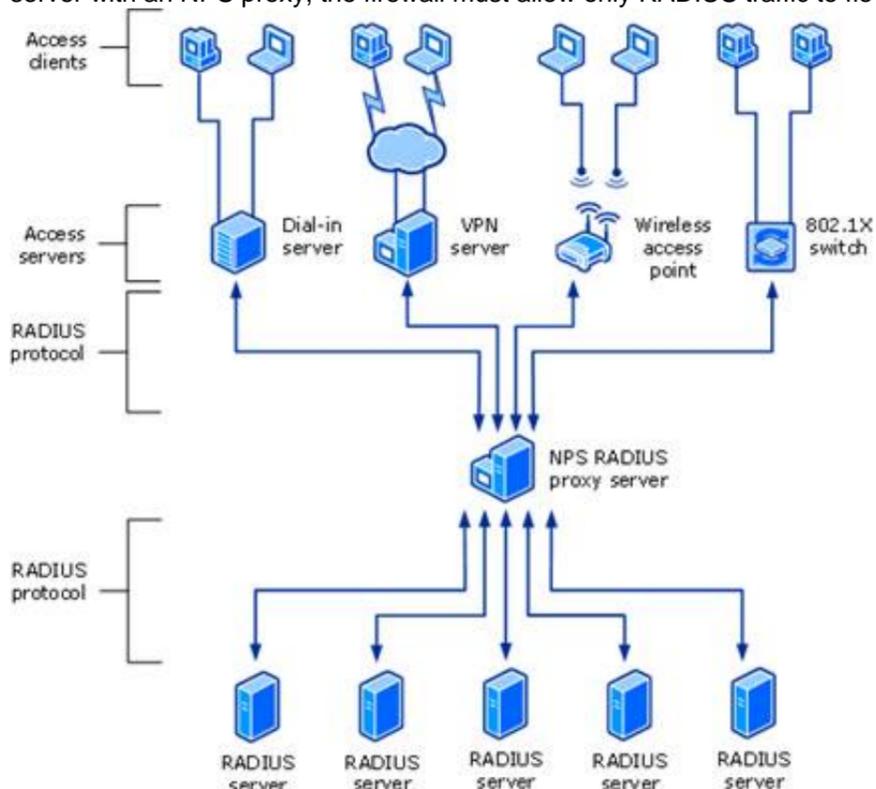
- A. One RADIUS proxy for each customer and Active Directory Federation Services (AD FS)
- B. A RADIUS server for each customer and one RADIUS proxy

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

Answer: B

Explanation: One RADIUS proxy and several RADIUS servers.

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



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

NEW QUESTION 181

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

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

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

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

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

What should you back up?

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

Answer: A

NEW QUESTION 183

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 187

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

You plan to implement several Group Policy settings that will apply only to laptop computers.

You need to recommend a Group Policy strategy for the planned deployment.

What should you include in the recommendation?

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

- A. Loopback processing
- B. WMI filtering
- C. Security filtering
- D. Block inheritance

Answer: B

Explanation: Group Policy WMI Filter – Laptop or Desktop Hardware

A method to detect hardware as laptop only is to look for the presence of a battery based on the BatteryStatus property of the Win32_Battery class. By using the Win32_Battery class, we can search to see if there is a battery present. If the battery status is not equal to zero (BatteryStatus <> 0) then you know that it is a laptop.

Reference: Group Policy WMI Filter – Laptop or Desktop Hardware <http://discoposse.com/2012/04/05/group-policy-wmi-filter-laptop-or-desktop-hardware/>

NEW QUESTION 192

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

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

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

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

What should you include in the design?

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

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

Answer: B

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

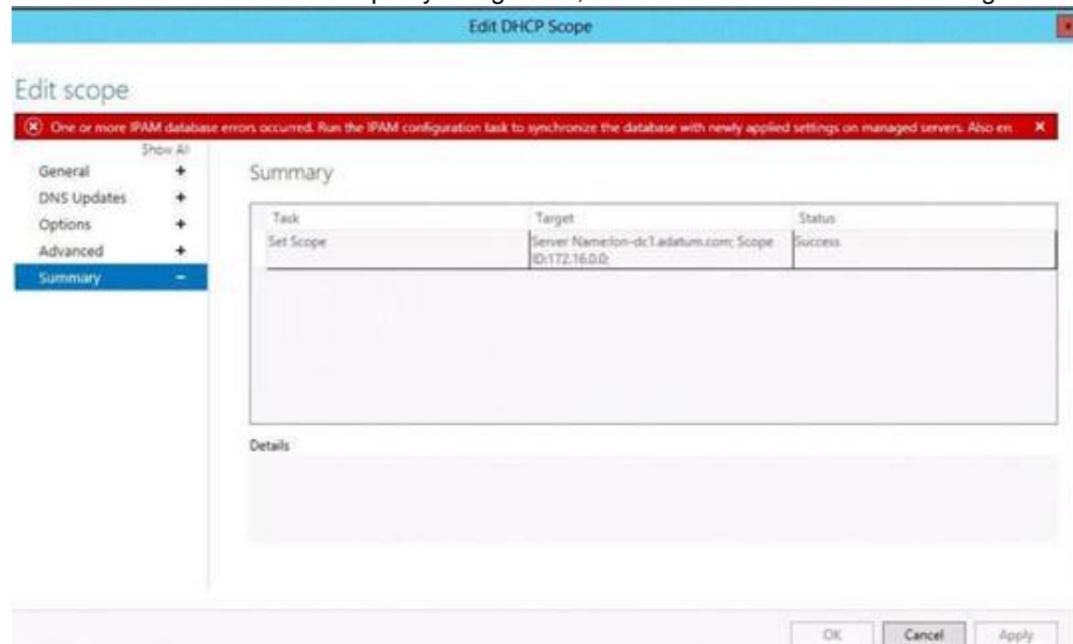
Reference: How Domain and Forest Trusts Work [https://technet.microsoft.com/en-us/library/cc773178\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc773178(v=ws.10).aspx)

NEW QUESTION 193

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

Your company uses IP Address Management (IPAM) to manage multiple DHCP servers. A user named User1 is a member of the IPAM Users group and is a member of the local Administrators group on each DHCP server.

When User1 edits a DHCP scope by using IPAM, the user receives the error message shown in the exhibit. (Click the Exhibit button.)



You need to prevent User1 from receiving the error message when editing DHCP scopes by using IPAM.

What should you do?

- A. Add User1 to the DHCP Administrators group on each DHCP server.
- B. Add User1 to the IPAM Administrators group.
- C. Run the Set-IpamServerConfig cmdlet.

D. Run the Invoke-IpamGpoProvisioning cmdlet.

Answer: B

Explanation: IPAM Administrators have the privileges to view all IPAM data and perform all IPAM tasks.

Reference: Walkthrough: Demonstrate IPAM in Windows Server 2012 <http://technet.microsoft.com/en-us/library/hh831622.aspx>

NEW QUESTION 198

You are the administrator for a large company. You plan to implement servers in the environment that do not use local hard drives. You need to recommend a supported storage solution. Which technology should you recommend?

- A. Fiber Channel SAN
- B. Cloud storage
- C. USB flash drive
- D. DVD

Answer: A

NEW QUESTION 200

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

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

You plan to implement changes to the network subnets to include a separate subnet for each floor of the office building. The subnets will connect by using routers. You need to recommend changes to the DHCP infrastructure to ensure that all of the client computers can receive their IP configuration by using DHCP.

What should you recommend?

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

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

Answer: C

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

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

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

NEW QUESTION 201

DRAG DROP

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

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

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

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

What should you recommend?

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

Answer:

Explanation: Box 1:

Box 2:

IPAM Users

Box 3:

IPAM ASM Administrators

- * IPAM IP Audit Administrators: Members of this group have IPAM Users privileges and can perform IPAM common management tasks and can view IP address tracking information.
- * IPAM Users: Members of this group can view all information in server discovery, IP address space, and server management. They can view IPAM and DHCP server operational events, but cannot view IP address tracking information.
- * IPAM ASM Administrators: IPAM address space management (ASM) administrators have IPAM Users privileges and can perform IPAM common management tasks and IP address space tasks.

NEW QUESTION 203

Your network contains an Active Directory forest. The forest contains a single domain. The forest has five Active Directory sites. Each site is associated to two subnets.
You add a site named Site6 that contains two domain controllers. Site6 is associated to one subnet.
You need to verify whether replication to the domain controllers in Site6 completes successfully.
Which two possible commands can you use to achieve the goal? Each correct answer presents a complete solution.

- A. Get-ADReplicationSubnet
- B. Get-ADReplicationUpToDateVectorTable
- C. repadmin /showattr
- D. Get-ADReplicationSiteLink
- E. repadmin /showrepl

Answer: BE

Explanation: B: The Get-ADReplicationUpToDateVectorTable cmdlet displays the highest Update Sequence Number (USN) for the specified domain controller(s). This information shows how up-to-date a replica is with its replication partners. During replication, each object that is replicated has USN and if the object is modified, the USN is incremented. The value of the USN for a given object is local to each domain controller where it has replicated are number is different on each domain controller.
E: The repadmin /showrepl command helps you understand the replication topology and replication failures. It reports status for each source domain controller from which the destination has an inbound connection object. The status report is categorized by directory partition.

NEW QUESTION 206

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 211

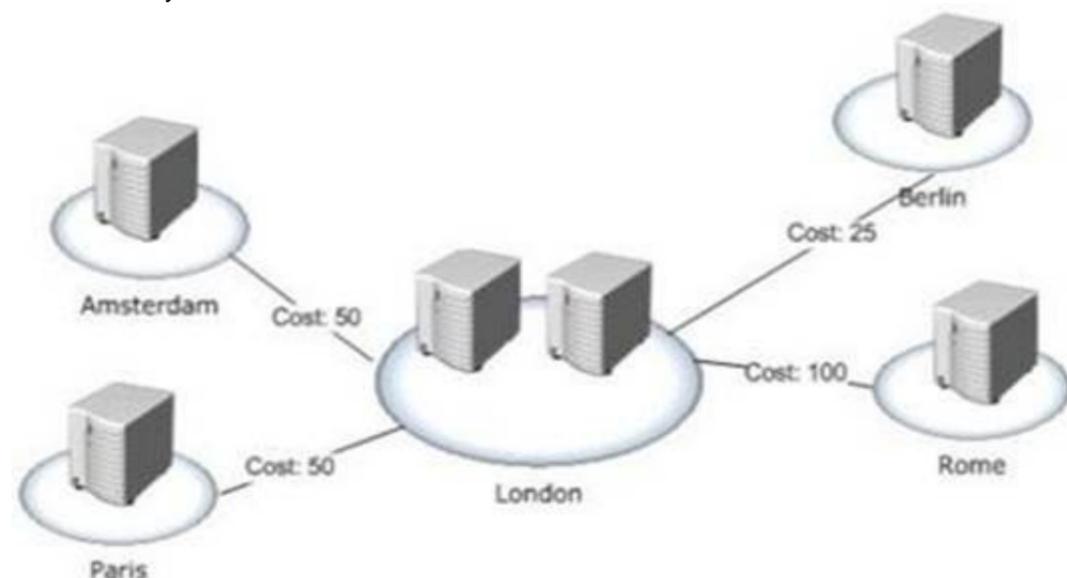
Your company has a main office and four branch offices. The main office is located in London.

The network contains an Active Directory domain named contoso.com. Each office contains one domain controller that runs Windows Server 2012. The Active Directory site topology is configured as shown in the exhibit. (Click the Exhibit button.)

You discover that when a domain controller in a branch office is offline for maintenance, users in that branch office are authenticated by using the domain controllers in any of the sites.

You need to recommend changes to Active Directory to ensure that when a domain controller in a branch office is offline, the users in that branch office are authenticated by the domain controllers in London.

What should you include in the recommendation? Exhibit



- A. Modify the DC Locator DNS Records settings.
- B. Disable site link bridging.
- C. Modify the site link costs.
- D. Modify the service location (SRV) records in DNS.

Answer: A

Explanation: If local DC (domain controller) is not available, DC Locator service will look for another DC in a different site.

Note: The following sequence describes how the Locator is able to find a domain controller (see step 3 below) :

1. On the client (the computer locating the domain controller), the Locator is initiated as an RPC to the local Net Logon service. The Locator application programming interface (API) (DsGetDcName) is implemented by the Net Logon service.
2. The client collects the information that is needed to select a domain controller and passes the information to the Net Logon service by using the DsGetDcName API.
3. The Net Logon service on the client uses the collected information to look up a domain controller for the specified domain in one of two ways:
For a DNS name, Net Logon queries DNS by using the IP/DNS-compatible Locator — that is, DsGetDcName calls the DnsQuery API to read the Service Resource (SRV) records and A records from DNS, after it appends an appropriate string to the front of the domain name that specifies the SRV record.
Etc.

Reference: Domain Controller Locator <https://technet.microsoft.com/en-us/library/cc961830.aspx>

NEW QUESTION 214

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

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

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

NEW QUESTION 217

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

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

You add a PXE server to the fabric.

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

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

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

Answer: AD

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

Reference: System Center Virtual Machine Manager: Virtual machine management simplified
<https://technet.microsoft.com/en-us/magazine/jj884468.aspx>

NEW QUESTION 220

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 225

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

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

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

- * The administrator in the Asia office must be able to deploy a custom application named App1. App1 requires modify to the Active Directory Schema.
- * The contact information of all the users in the Europe office must not be visible to the users in the other offices.
- * The administrators in each office must be able to control the user settings and the computer settings of the users in their respective office.

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

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

Answer: A

NEW QUESTION 229

You plan to deploy multiple servers in a test environment by using Windows Deployment Services (WDS).

You need to identify which network services must be available in the test environment to deploy the servers.

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

- A. Active Directory Domain Services (AD DS)
- B. DNS
- C. DHCP
- D. WINS
- E. Active Directory Lightweight Directory Services (AD LDS)
- F. Network Policy Server (NPS)

Answer: BC

Explanation: Prerequisites for installing Windows Deployment Services

* (B) DNS. You must have a working Domain Name System (DNS) server on the network before you can run Windows Deployment Services.

* (C): DHCP. You must have a working Dynamic Host Configuration Protocol (DHCP) server with an active scope on the network because Windows Deployment Services uses PXE, which relies on DHCP for IP addressing.

* NTFS volume. Incorrect:

Not a: AD DS is not required if the WDS server is configured in Standalone mode. There is no mention of any domain in this scenario, so AD DS is not required for testing WDS.

Reference: Windows Deployment Services Overview <http://technet.microsoft.com/en-us/library/hh831764.aspx>

NEW QUESTION 233

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

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

All client computers receive IP addresses by using DHCP.

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

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

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

Answer: A

Explanation: NAP enforcement for DHCP

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

Using DHCP enforcement, DHCP servers and NPS can enforce health policy when a computer attempts to lease or renew an IP version 4 (IPv4) address. However, if client computers are configured with a static IP address or are otherwise configured to circumvent the use of DHCP, this enforcement method is not effective.

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

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

NEW QUESTION 237

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

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

Answer: AC

NEW QUESTION 240

Your company has a main office and a branch office. You plan to implement a failover cluster named Cluster1 to host an application named App1. The data of App1 will replicate to all of the nodes in Cluster1. Cluster1 will contain two servers. The servers will be configured as shown in the following table.

Server name	Office
Server1	Main
Server2	Main

The cluster nodes will not use shared storage. The branch office contains two file servers named Server3 and Server4. You need to ensure that App1 fails over automatically to another server if a single node in Cluster1 fails. What should you do? More than one answer choice may achieve the goal. Select the BEST answer.

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

Answer: D

NEW QUESTION 243

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 244

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 247

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 248

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

You plan to deploy DirectAccess.

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

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

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

- A. Yes
- B. No

Answer: A

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

Note: ISATAP defines a method for generating a link-local IPv6 address from an IPv4

address, and a mechanism to perform Neighbor Discovery on top of IPv4. Reference: IS ISATAP REQUIRED FOR DIRECTACCESS?

NEW QUESTION 251

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 255

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 257

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 2012 Distributed File System role service
	<ul style="list-style-type: none"> Server Core Installation of Windows Server 2012 Web Servers (IIS) server role
Domain Controllers	<ul style="list-style-type: none"> Full Installation of Windows Server 2012 DNS Server server role
Networking Servers	<ul style="list-style-type: none"> Server Core Installation of Windows Server 2012 DHCP Server server role WINS 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 262

A company has a line-of-business application named App1 that runs on an internal IIS server App1 uses a SQL Server 2008 database that is hosted on the same server. You move the database to a dedicated SQL Server named SQL1. Users report that they can no longer access the application by using their domain credentials. You need to ensure that users can access App1.

Solution: You deploy a group policy to register all users client devices as trusted delegates to SQL1. You instruct the users to reboot their devices. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 264

DRAG DROP

You manage an Active Directory Domain Services forest that contains a root domain named contoso.com and a child domain named branch.contoso.com. You have three servers named SRV01, SRV02, and SRV03. All servers run Windows Server 2012 R2. SRV01 and SRV02 are domain controllers for the domain contoso.com. SRV03 is the domain controller for branch.contoso.com. User accounts and resources exist in both domains. All resources in branch.contoso.com are physically located in a remote branch office.

The remote branch office must be configured as Read-Only Domain Controller (RODC). The solution must minimize the impact on users and the number of servers deployed in the branch office.

You need to configure the environment.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Uninstall Active Directory Domain Services from SRV03.	
Install a new server named SRV04 as a member of branch.contoso.com	
Use the Active Directory Migration Tool (ADMT) to migrate all resources from branch.contoso.com contoso.com	
Use ldidf.exe to export all resources from branch.contoso.com. Then import the resources to contoso.com	
Install an RODC on SRV03	
Promote SRV04 to RODC	

Answer:

Explanation: Box 1: We export all resources from the branch office, and import them into the main domain.

Ldifde creates, modifies, and deletes directory objects. You can also use ldidfde to extend the schema, export Active Directory user and group information to other applications or services, and populate Active Directory Domain Services (AD DS) with data from other directory services.

Box 2: We decommission the domain controller SRV03 Box 3: And make it a RODC instead.

Incorrect:

We should not use an additional server SRV04.

NEW QUESTION 266

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 267

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 268

Your network contains an Active Directory domain named contoso.com. The domain contains an organizational unit (OU) named OU1. You have a Group Policy object (GPO) named GPO1 that is linked to contoso.com. GPO1 contains custom security settings. You need to design a Group Policy strategy to meet the following requirements:
? The security settings in GPO1 must be applied to all client computers.
? Only GPO1 and other GPOs that are linked to OU1 must be applied to the client computers in OU1.
What should you include in the design?
More than one answer choice may achieve the goal. Select the BEST answer.

- A. Enable the Block Inheritance option at the domain level
- B. Enable the Enforced option on GPO1.
- C. Enable the Block Inheritance option on OU1. Link GPO1 to OU1.
- D. Enable the Block Inheritance option on OU1. Enable the Enforced option on all of the GPOs linked to OU1.
- E. Enable the Block Inheritance option on OU1. Enable the Enforced option on GPO1.

Answer: D

Explanation: * You can block inheritance for a domain or organizational unit. Blocking inheritance prevents Group Policy objects (GPOs) that are linked to higher sites, domains, or organizational units from being automatically inherited by the child-level.
* GPO links that are enforced cannot be blocked from the parent container.

NEW QUESTION 270

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?

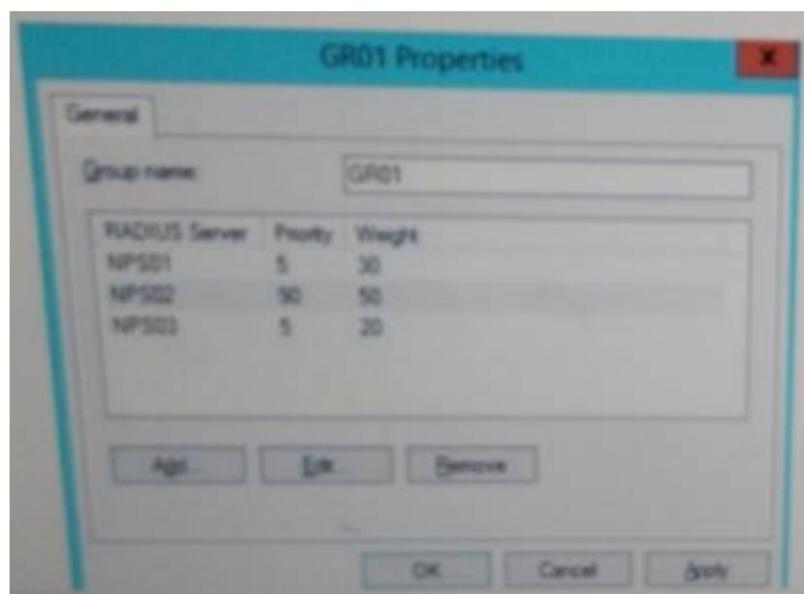
- A. Remove the IT staff user accounts from Backup Operators and place them in a new group
- B. Grant the new group the Backup files and directories user right and the Restore files and directories user right
- C. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
- D. Create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

Answer: A

NEW QUESTION 272

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.

Actions	Answer Area										
10%	<table border="1"> <thead> <tr> <th>Scenario</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>Percentage of authentication request that NPS01 services if NPS03 is unavailable</td> <td>Percent</td> </tr> <tr> <td>Percentage of authentication request that NPS02 services if NPS03 is unavailable</td> <td>Percent</td> </tr> <tr> <td>Percentage of authentication request that NPS03 services if NPS03 is unavailable</td> <td>Percent</td> </tr> <tr> <td>Percentage of authentication request that NPS04 services if NPS03 is unavailable</td> <td>Percent</td> </tr> </tbody> </table>	Scenario	Percentage	Percentage of authentication request that NPS01 services if NPS03 is unavailable	Percent	Percentage of authentication request that NPS02 services if NPS03 is unavailable	Percent	Percentage of authentication request that NPS03 services if NPS03 is unavailable	Percent	Percentage of authentication request that NPS04 services if NPS03 is unavailable	Percent
Scenario		Percentage									
Percentage of authentication request that NPS01 services if NPS03 is unavailable		Percent									
Percentage of authentication request that NPS02 services if NPS03 is unavailable		Percent									
Percentage of authentication request that NPS03 services if NPS03 is unavailable		Percent									
Percentage of authentication request that NPS04 services if NPS03 is unavailable	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 277

You have a System Center 2012 R2 Virtual Machine Manager (VMM) infrastructure that manages five Hyper-V hosts. The Hyper-V hosts are not clustered.

You have a virtual machine template that deploys a base image of Windows Server 2012 R2. No role services or features are enabled in the base image.

You need to deploy a virtual machine named VM1 that is based on the virtual machine template.

VM1 will be deployed as part of a service. VM1 must have the Web Server (IIS) server role installed. The solution must not require modifications to the virtual machine template or the base image.

What are two possible profile types that achieve the goal? Each correct answer presents a complete solution.

- A. Capability
- B. Application
- C. Guest OS
- D. Hardware
- E. Physical Computer

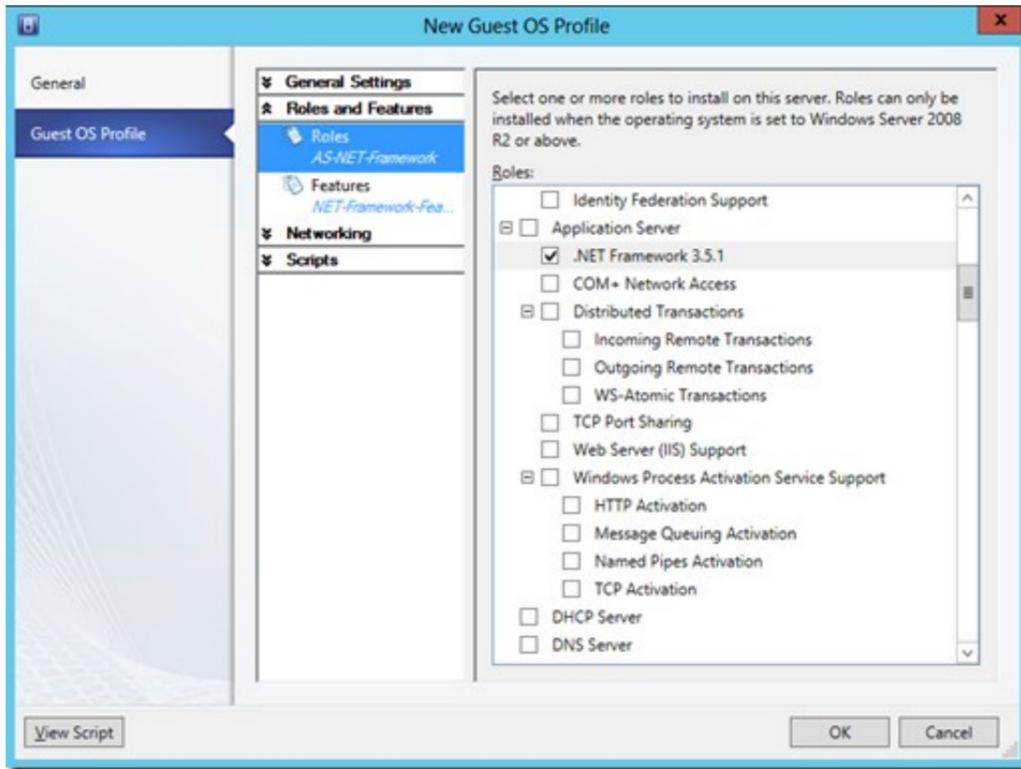
Answer: BC

Explanation: B: You can only use an application profile when you deploy a virtual machine as part of a service. In this case it would be as part of the IIS service.

C:Guest OS profile

When you define a new Guest OS Profile you specify which Roles and features, such as IIS, which should be included in the profile.

If machines based on this Guest OS Profile are going to need certain .NET framework versions installed, or have IIS installed, I can



image

Note: In a virtual environment, a guest operating system is the operating system that runs on a virtual machine, in contrast to the host operating system that runs on the physical host computer on which one or more virtual machines are deployed. In Virtual Machine Manager, a guest operating system profile is a collection of operating system settings that can be imported into a virtual machine template to provide a consistent operating system configuration for virtual machines created from that template.

Incorrect:

Not A: Capability profiles are for managing the hypervisors.

Reference: How to Create an Application Profile in a Service Deployment <https://technet.microsoft.com/en-us/library/hh427291.aspx>

Reference: About Guest Operating System Profiles <https://technet.microsoft.com/en-us/library/bb740889.aspx>

NEW QUESTION 280

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