70-413 Designing and Implementing a Server Infrastructure

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The real exam consists of three independent parts. Two case studies which contain
7 or 8 questions each and a part of mixed questions with 36 questions.
After finishing each part you won't be able to return to review your answers one more time.

Based on Microsoft.PracticeTest.70-413.v2013-02-28.by.Esha.92q.vce (format and content)
Based on Microsoft.PracticeTest.70-413.v2013-02-20.by.TimeZone.90q.vce (format)
and Microsoft.ActualTest.70-413.v2013-02-18.by.Esben.90q.vce (content)

OBS --> Various corrections and added explanation to some questions.

I have changed a very few answers according to Espen:
Espen's Exam C, Question 10 has been changed from B -> D
Espen's Exam C, Question 22 has been changed from: 1. Install AD CS, 2. Restore CS Reg. and DB, 3. Import
private key
to 1. Install AD CS, 2. Import private key, 3. Restore CS Reg. and DB
Espen's Exam D, Question 11 has been changed from B -> D

Those changes are based on following the posted comments and then doing own studies.

Some typos/formats have been changed.
Some explanations/links in explanations have been changed.

Added two more questions (67, 68 In MixQuestions). Well known questions with changed answers.

NOTE: Mixed Questions are now broken into (2) Exams after the Case Studies for an easier modular study
approach - Stevo

Separating the two case studies from the mixed questions parts to me is a great idea.
Makes it look like the real exam. Thanks to TimeZone for that.

Thanks to Espen and all others for such a solid content basis.

Testlet 1

Case Study 1: Contoso, Ltd

Overview
Contoso, Ltd., is a healthcare company in Europe that has 2,000 users.
The company is migrating to Windows Server 2012.
The company has two main offices and two branch offices.
The main offices are located in Paris and Amsterdam.
One of the branch offices is a sales office located in Berlin.
The other branch office is a research office located in Brussels.
The offices connect to each other by using a WAN link.

The following testlet will present a Case Study followed by [count] multiple choice question(s),
[count] create a tree question(s), [count] build list and reorder question(s) and [count] drop and connect
question(s).

You will have [count] minutes to complete the testlet.

For help on how to answer the questions, click the **Instuctions** button on the question screen.

Current Environment

▪ **Active Directory:**

The network contains an Active Directory forest named contoso.com. An Active Directory site exists for each
office.
The forest contains a child domain named research.contoso.com.

The functional level of both the domains is Windows Server 2008. In each site, there are two domain controllers
for the contoso.com domain and two domain controllers for the research.contoso.com domain.

The domain controllers run Windows Server 2008 R2. All of the domain controllers are global catalog servers.
The FSMO roles were not moved since the domains were deployed.

▪ **Network Infrastructure:**

All servers run Windows Server 2008 R2. Each user has a laptop computer that runs Windows 7.
The company has 10 print servers. Each print server contains several shared printers.

The company has 10 file servers that have the following disk configurations:
· A simple volume named C that is the System and Boot volume and is formatted NTFS
· A mounted virtual hard disk (VHD) named DATA that is formatted NTFS
· A simple volume named D that is formatted FAT32
· A simple volume named E that is formatted NTFS
· A Clustered Shared Volume (CSV)

The Paris office contains a server named PA1. The Amsterdam office contains a server named AMI.
Both servers have the following server roles installed:

· DNS Server
· DHCP Server
· Remote Access

The DNS servers are configured to use the DNS servers of the company's Internet Service Provider (ISP) as
forwarders.
Users often work remotely. The users access the internal network by using an SSTP-based VPN connection.

Requirements

▪ **Planned Changes:**

The company plans to implement the following changes:

· 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.
  The client computers in sales.contoso.com will use the sales.contoso.com domain controllers as their DNS servers.
· Implement two servers in the Amsterdam office and two servers in the Paris office to replace PA1 and AMI.
  These new servers will run Windows Server 2012 and will not have shared storage.
· 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.
· Migrate the existing print queues to virtualized instances of Windows Server 2012.
· Migrate the file servers to new servers that run Windows Server 2012.
· Implement RADIUS authentication for VPN connections.
· Deploy Windows Server 2012 to all new servers.

  ▪ **Technical Requirements:**

The company identifies following technical requirements:

· All changes to Group Policies must be logged.
· Network Access Protection (NAP) policies must be managed centrally.
· Core networking services in each office must be redundant if a server fails.
· The possibility of IP address conflicts during the DHCP migration must be minimized.
· A central log of the IP address leases and the users associated to those leases must be created.
· All of the client computers must be able to resolve internal names and internet names.
· Administrators in the Paris office need to deploy a series of desktop restrictions to the entire company by using Group Policy.
· 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.

QUESTION 1
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)

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 2
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 Desktop Optimization Pack (MDOP)
B. Microsoft System Center 2012 Operations Manager

C. Microsoft System Center 2012 Data Protection Manager (DPM)
D. Microsoft Baseline Security Analyzer (MBSA)

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/windows/microsoft-desktop-optimization-pack.aspx

Microsoft Desktop Optimization Pack contains Advanced Group Policy Management.

By providing change control, offline editing, and role-based delegation, Microsoft® Advanced Group Policy Management (AGPM) can help you better manage Group Policy objects (GPOs) in your environment. AGPM is a key component of the Microsoft Desktop Optimization Pack (MDOP). AGPM 4.0 introduces support for searching, cross-forest management, and the latest Windows® operating systems.

QUESTION 3
You need to recommend a solution for DHCP logging. The solution must meet the technical requirement.

What should you include in the recommendation?

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 4
You are evaluating the implementation of data deduplicatton on the planned Windows Server 2012 file servers.
The planned servers will have the identical disk configurations as the current servers.
You need to identify which volumes can be enabled for data deduplication.

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

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

Correct Answer: CE
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/hh831700.aspx

Volumes that are candidates for deduplication must conform to the following requirements:
Must not be a system or boot volume. Deduplication is not supported on operating system volumes.

Can be partitioned as a master boot record (MBR) or a GUID Partition Table (GPT), and must be formatted using the NTFS file system.
Can reside on shared storage, such as storage that uses a Fibre Channel or an SAS array, or when an iSCSI SAN and Windows Failover Clustering is fully supported.
Do not rely on Cluster Shared Volumes (CSVs). You can access data if a deduplication-enabled volume is converted to a CSV, but you cannot continue to process files for deduplication.
Do not rely on the Microsoft Resilient File System (ReFS).
Must be exposed to the operating system as non-removable drives. Remotely-mapped drives are not supported.

QUESTION 5
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. Upgrade the DNS servers to Windows Server 2010.
B. Upgrade the domain controllers to Windows Server 2012.
C. Change the forest functional level to Windows Server 2008 R2.
D. Change the functional level of both the domains to Windows Server 2008 R2.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 6
You need to recommend changes to the DNS environment that support the implementation of the sales.contoso.com domain.
The solution must ensure that the users in all of the domains can resolve both Internet names and the names of the servers in all of the internal domains.

What should you recommend?

A. On the DNS servers in contoso.com, create a zone delegation in the contoso.com zone.
   On the DNS servers in sales.contoso.com, add a forwarder to the contoso.com DNS servers.
B. On the DNS servers in contoso.com, configure a reverse lookup zone.
   On the DNS servers in sales.contoso.com, configure a conditional forwarder to contoso.com.
C. On the DNS servers in contoso.com, configure a conditional forwarder to sales.contoso.com.
   On the DNS servers in sales.contoso.com, configure a reverse zone.
D. On the DNS servers in contoso.com, add a conditional forwarder to the sales.contoso.com zone.
   On the DNS servers in sales.contoso.com, add a forwarder to the DNS servers of the company's ISP.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 7
You are planning the implementation of two new servers that will be configured as RADIUS servers.
You need to recommend which configuration must be performed on the VPN servers.
The solution must meet the technical requirements.

What should you do on each VPN server?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 8
After the planned upgrade to Windows Server 2012, you restore a user account from the Active Directory
Recycle Bin.
You need to replicate the restored user account as quickly as possible.

Which cmdlets should you run?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 9
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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 10
You need to recommend a fault-tolerant solution for the VPN. The solution must meet the technical requirements.

What should you include in the recommendation?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 11
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-ADCentralAccessPolicyMember cmdlet.
B. Create a new organizational unit (OU), and then add Admin5 to the Account Operators group.
C. Run the New-Object cmdlet, and then run the Add-ADPrincipalGroupMembership cmdlet.
D. Create a new organizational unit (OU), and then run the Delegation of Control Wizard.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 12
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 AMI. The solution must meet the technical requirements.

What should you do?

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

Testlet 2

Case Study 2: 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.

The following testlet will present a Case Study followed by [count] multiple choice question(s),
 [count] create a tree question(s), [count] build list and reorder question(s) and [count] drop and connect
question(s).

You will have [count] minutes to complete the testlet.

For help on how to answer the questions, click the **Instuctions** button on the question screen.

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 App1 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.htwareinc.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.

▪ **Virtualization Requirements:**

The company identifies the following virtualization 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

QUESTION 1
You need to implement the technical requirements for the boston.litwareinc.com domain.

Which tools should you use?

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 2
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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 3
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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 4
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 link bridge
B. A new subnet
C. A new site link
D. A new site

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 5
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 IpamGpoProvisioning cmdlet in all three domains. Add the computers used by the members of the Operators group to the IPAM server.
B. Modify the membership of the IPAM Administrators group and the WinRMRemoteWMIUsers_ group on the IPAM server.
C. Run the Set-IpamConfiguration cmdlet on the IPAM server. Run the Invoke-IpamGpoProvisioning cmdlet in all three domains.
D. Run the Set-IpamConfiguration cmdlet and modify the membership of the WinRMRemoteWMIUsers_ group on the IPAM server.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 6
You need to recommend a migration strategy for the DHCP servers. The strategy must meet the technical requirements.

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

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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
The DHCP roles will have to be migrated from the physical servers to virtual servers.
You have to export the server settings on the **physical** servers, than
you have to import the server settings on the **virtual** servers.

http://technet.microsoft.com/en-us/library/ee662317.aspx

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

This sample command exports the Dynamic Host Configuration Protocol (DHCP) Server and all other Windows features that are required by DHCP Server.
The command also exports local user accounts, local groups, and group memberships to the location c:\temp\store that is specified in the -Path parameter.

QUESTION 7

You need to recommend a solution that meets the security requirements.

Which schema attribute properties should you recommend modifying?

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
How to mark an attribute as confidential in Windows Server 2003 Service Pack 1

http://support.microsoft.com/kb/922836/en-us

Windows Server 2003 SP1 introduces a way to mark an attribute as confidential. To do this, you modify the value of the searchFlags attribute in the schema. The searchFlags attribute value contains multiple bits that represent various properties of an attribute. For example, if bit 1 is set, the attribute is indexed. Bit 7 (128) designates the attribute as confidential.

QUESTION 8
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.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 9
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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 10
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. Upgrade the domain controllers that have the PDC emulator master role to Windows Server 2012.
B. Raise the functional level of the domain and the forest.
C. Implement Administrator Role Separation.
D. Upgrade the domain controller that has the domain naming master role to Windows Server 2012.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/dd379481%28v=ws.10%29.aspx

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

QUESTION 11
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. 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 Windows Server 2012.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/jj574223.aspx#BKMK_VDCCloning

QUESTION 12
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 Assessment and Deployment Kit (Windows ADK)
C. The Windows Automated Installation Kit (Windows AIK)
D. The Express Deployment Tool (EDT)

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

Testlet 1

QUESTIONS SET OVERVIEW

Title: **Random Question Set - Exam B - 34 Questions**

QUESTION 1
Your network contains an Active Directory domain named contoso.com. The domain contains an organizational
unit (OU) named 0U1.

You have a Group Policy object (GPO) named GP01 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. Enable the Enforced option on GPO1.
B. Enable the Block Inheritance option on OU1. Link GPO1 to OU1.
C. Enable the Block Inheritance option on OU1. Enable the Enforced option on GPO1.
D. Enable the Block Inheritance option on OU1. Enable the Enforced option on all of the GPOs linked to 0U1.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 2
A new company registers the domain name of contoso.com. The company has a web presence on the
Internet.
All Internet resources have names that use a DNS suffix of contoso.com.

A third-party hosts the Internet resources and is responsible for managing the contoso.com DNS zone on the
Internet.
The zone contains several hundred records.

The company plans to deploy an Active Directory forest.

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

- Ensure that users on the internal network can resolve the names of the company's Internet resources.
- Minimize the amount of administrative effort associated with the addition of new Internet servers.

What should you recommend?

A. A forest that contains a root domain named contoso.com and another domain named ad.contoso.com
B. A forest that contains a root domain named contoso.com and another domain named contoso.local

C. A forest that contains a single domain named contoso.local

D. A forest that contains a single domain named contoso.com

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 3

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. Create a new child domain named divisionl.contoso.com. Move all of the Division1 user accounts to the new domain. Add the Division1Admin members to the Domain Admins group.
Configure the password policy in a Group Policy object (GPO).

B. In the forest, create a new organizational unit (OU) named Division1 and add Division1Admins to the Managed By attribute of the new OU. Move the Division1 user objects to the new OU.
Create a fine-grained password policy for the Division1 users.

C. Create a new forest. Migrate all of the Division1 user objects to the new forest and add the Division1Admins members to the Enterprise Admins group. Configure the password policy in a Group Policy object (GPO).

D. In the forest, create a new organizational unit (OU) named Division1 and delegate permissions for the OU to the Division1Admins group. Move all of the Division1 user accounts to the new OU.
Create a fine-grained password policy for the Division1 users.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 4
Your network contains an internal network and a perimeter network.
The internal network contains an Active Directory forest named contoso.com.
The forest contains a Microsoft Exchange Server 2010 organization.
All of the domain controllers in contoso.com run Windows Server 2012.

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

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

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

You need to ensure that external users can authenticate by using client certificates.

What should you do?

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

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

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 5
Your company has a main office and 20 branch offices.
All of the offices connect to each other by using a WAN link.

The network contains an Active Directory forest named contoso.com.
The forest contains a domain for each office.
The forest root domain contains all of the server resources.

Each branch office contains two domain controllers for the branch office domain
and one domain controller for the contoso.com domain.

Each branch office has a support technician who is responsible for managing the accounts of their respective
office only.

You recently updated all of the WAN links to high-speed WAN links.

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

- Reduce the administrative overhead of moving user accounts between the offices.
- Ensure that the support technician in each office can manage the user accounts of their respective office.

What should you include in the recommendation?

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

A. Create shortcut trusts between each child domain. In the main office,
   add a domain controller to each branch office domain.
B. Create a new child domain named corp.contoso.com.
   Create a shortcut trust between each child domain and corp.contoso.com.
C. Move all of the user accounts of all the branch offices to the forest root domain.
   Decommission all of the child domains.
D. Create a new forest root domain named contoso.local.
   Move all of the user accounts of all the branch offices to the new forest root domain.
   Decommission all of the child domains.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 6
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. One forest that contains one domain
C. Three forests that each contain one domain
D. Two forests that each contain one domain

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 7
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

Correct Answer: AD

Section: [none]
Explanation

Explanation/Reference:
Templates and profiles are used to standardize the creation of virtual machines and services.
These configurations are stored in the VMM database but are not represented by physical configuration files.
There are several new types of templates and profiles in VMM, most of which are used for service creation.
There are also host profiles, used for deploying a Hyper-V host from a bare-metal computer, and capability profiles,
used to specify the capabilities of virtual machines on each type of supported hypervisor when
virtual machines are deployed to a private cloud.

Note:
* host profile:
A Virtual Machine Manager library resource that contains hardware and operating system configuration
settings to convert a bare-metal computer to a managed Hyper-V host.
*capability profile:
A Virtual Machine Manager library resource that defines which resources (for example,
number of processors or maximum memory) are available to a virtual machine that is created in a private cloud.

* Incorrect:service template:
A Virtual Machine Manager library resource that contains the configuration settings used to deploy each tier of a
service.

Reference:Technical Documentation for System Center 2012 Virtual Machine Manager

QUESTION 8
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 ail that apply.)

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

Correct Answer: ABC
Section: [none]
Explanation

Explanation/Reference:
WDS requires AD DS as documented here

http://technet.microsoft.com/en-us/library/cc771670%28v=ws.10%29.aspx

Thanks to Marco for spotting this one.

QUESTION 9
Your network contains an Active Directory forest named contoso.com. The forest is managed by using
Microsoft System Center 2012.

Web developers must be able to use a self-service portal to request the deployment of virtual machines based

on predefined templates. The requests must be approved by an administrator before the virtual machines are deployed.

You need to recommend a solution to deploy the virtual machines.

What should you include in the recommendation?

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

A. A Virtual Machine Manager (VMM) service template, a Service Manager service offering, and an Orchestrator runbook
B. A Virtual Machine Manager (VMM) service template, an Operations Manager dashboard, and an Orchestrator runbook
C. A Service Manager service offering, an Orchestrator runbook, and Configuration Manager packages
D. A Service Manager service offering, an Orchestrator runbook, and an Operations Manager dashboard

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 10
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.
The network is configured as shown in the exhibit.
(Click the Exhibit button.)

Each office contains several servers that run Windows Server 2012.

In each branch office, you plan to deploy an additional 20 servers that will run Windows Server 2012.
Some of the servers will have a Server Core Installation of Windows Server 2012.

You identify the following requirements for the deployment of the new servers:

- Operating system images must be administered centrally.
- The operating system images must be deployed by using PXE.
- The WAN traffic caused by the deployment of each operating system must be minimized.

You need to recommend a solution for the deployment of the new servers.

What should you recommend?

Exhibit:

Edinburgh — 5Mbps — London
London — 5Mbps — Paris
London — 1 Mbps — Madrid
London — 512Kbps — Rome
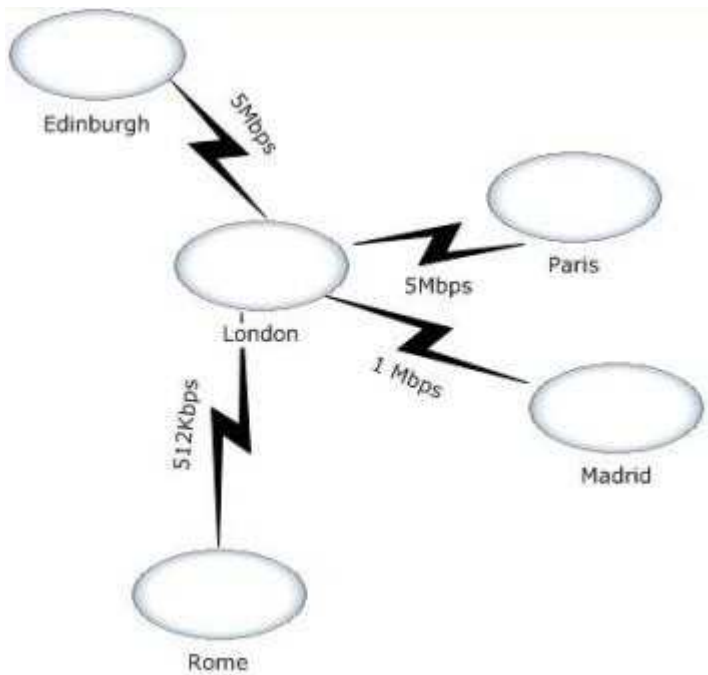
A. Deploy Windows Deployment Services (WDS) in each office.
   Replicate the images by using Distributed File System (DFS) Replication.
B. Deploy Windows Deployment Services (WDS) in each office.
   Copy the images by using BranchCache.
C. Deploy Windows Deployment Services (WDS) in the main office only.
   Copy the images by using BranchCache.
D. Deploy Windows Deployment Services (WDS) in the main office only.
   Replicate the images by using Distributed File System (DFS) Replication.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 11
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	• Windows Server 2012 • Virtual Machine Manager (VMM) • Windows Deployment Services (WDS)
Server2	Site1	• Windows Server 2008 R2 • Virtual Machine Manager (VMM) library
Server3	Site1	• Windows Server 2012 • Hyper-V
Server4	Site2	• 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 VMM. From the Virtual Machine Manager console,
   add Server1 as a PXE server and add Server4 as a library server.
B. On Server4/ install VMM. From the Virtual Machine Manager console,
   add Server1 as a PXE server and a library server.
C. On Server4, install WDS. From the Virtual Machine Manager console,
   add Server4 as a PXE server and a library server.
D. On Server4, install WDS. From the Virtual Machine Manager console,
   add Server4 as a PXE server and add Server1 as a library server.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 12
Your network contains an Active Directory forest named contoso.com.

You plan to add a new domain named child.contoso.com to the forest.

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

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

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

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 13
Your network contains a server named Server1 that runs Windows Server 2012.
Server1 has the DHCP Server server role installed.
The network contains a Virtual Desktop Infrastructure (VDI).
All virtual machines run Windows 8.

You identify the following requirements for allocating IPv4 addresses to client computers:

- All virtual desktops must have static IP addresses.
- All laptop computers must receive dynamic IP addresses.
- All virtual desktops must be prevented from obtaining dynamic address.

You need to recommend a DHCP solution that meets the requirements for allocating IPv4 addresses.
The solution must use the least amount of administrative effort.

What should you recommend?

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

A. Create two physical subnets. Configure 802.1x authentication for each subnet.
B. Create two physical subnets. Connect the laptop computers to the subnet that contains Server1.
C. Configure DHCP filtering.
D. Configure DHCP policies.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 14
You have a server named Server1 that runs Windows Server 2012.
Server1 has the DNS Server server role installed.

You need to recommend changes to the DNS infrastructure to protect the cache from cache poisoning attacks.

What should you configure on Server1?

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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 15

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	• Domain controller • DHCP server • DNS server	Windows Server 2008 R2
DC2	Contoso.com	• Domain controller • DHCP server • DNS server	Windows Server 2008 R2
DCE1	Europe.contoso.com	• Domain controller • DHCP server • DNS server	Windows Server 2003 R2
DCE2	Europe.contoso.com	• 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.
Run the Invoke-IpamGpoProvisioning cmdlet for each domain.
B. Upgrade DCE1 and DCE2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
Run the Set-IpamConfiguration cmdlet for each domain.
C. Upgrade DC1 and DC2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
Run the Set-IpamConfiguration cmdlet for each domain.
D. Upgrade DC1 and DC2 to Windows Server 2012, and then install the IP Address Management (IPAM) Server feature.
Run the Invoke-IpamGpoProvisioning cmdlet for each domain.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
Invoke-IpamGpoProvisioning configures servers that will be managed and need to be done in every domain.
Set-IpamConfiguration configures the IPAM server itself and does not need to be run in every domain only the IPAM server.

Explanation:
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.
http://technet.microsoft.com/en-us/library/jj553805.aspx

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.
http://technet.microsoft.com/en-us/library/jj590816.aspx

QUESTION 16
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. A RADIUS server for each customer and one RADIUS proxy
B. A RADIUS server for each customer and a RADIUS proxy for each customer
C. One RADIUS proxy and one Active Directory Lightweight Directory Services (AD LDS) instance for each customer
D. One RADIUS proxy for each customer and Active Directory Federation Services (AD FS)

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 17
Your network contains a server named Server1 that runs Windows Server 2012.
Server1 has the Network Policy Server server rote installed.

You configure Server1 as part of a Network Access Protection (NAP) solution
that uses the 802.lx enforcement method.

You add a new switch to the network and you configure the switch to use 802.lx authentication.

You need to ensure that only compliant client computers can access network resources through the new switch.

What should you do on Server1?

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

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 18
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. L2TP/IPSec
B. PPTP
C. IKEV2
D. SSTP

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 19
Your network contains an Active Directory domain named contoso.com.

Your company has 100 users in the sales department.
Each sales user has a domain-joined laptop computer that runs either Windows 7 or Windows 8.
The sales users rarely travel to the company's offices to connect directly to the corporate network.

You need to recommend a solution to ensure that
you can manage the sales users' laptop computers
when the users are working remotely.

What solution should you include in the recommendation?

A. Deploy a Microsoft System Center 2012 Service Manager infrastructure.
B. Deploy the Remote Access server role on a server on the internal network.
C. Deploy the Network Policy and Access Services server role on a server on the internal network.
D. Deploy a Microsoft System Center 2012 Operations Manager infrastructure.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 20

Your network contains an Active Directory forest named contoso.com.
The forest contains five domains.

You need to ensure that the CountryCode attribute is replicated to the global catalog.

What should you do?

A. Modify the configuration partition.
B. Create and modify an application partition.
C. Modify the schema partition.
D. Modify the domain partitions.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 21
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 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.
B. 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.
C. Upgrade a global catalog server to Windows Server 2012.
   Install the Windows Deployment Services server role on a server that runs Windows Server 2012.
D. Upgrade a global catalog server to Windows Server 2012.
   Deploy Virtual Machine Manager (VMM).

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 22
Your network contains an Active Directory domain named contoso.com.
The domain contains two domain controllers named DC1 and DC2 that run Windows Server 2008 R2.

You plan to replace the domain controllers with new servers that run Windows Server 2012.
The new servers will be named DC3 and DC4.

You need to recommend a strategy to replace DC1 and DC2 with DC3 and DC4.
The solution must minimize the amount of disruption to the users.

Which three actions should you recommend?

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

Actions	Answer Area
Run **dcpromo.exe** on DC1 and DC2.	
Transfer the operations master roles and create a new global catalog server.	
Run the Active Directory Domain Services Configuration Wizard on DC3 and DC4.	
Install the Active Directory Domain Services server role on DC3 and DC4.	
Run **ntdsutil.exe** and specify the *metadata cleanup* parameter.	

Select and Place:

Actions	Answer Area
Run **dcpromo.exe** on DC1 and DC2.	
Transfer the operations master roles and create a new global catalog server.	
Run the Active Directory Domain Services Configuration Wizard on DC3 and DC4.	
Install the Active Directory Domain Services server role on DC3 and DC4.	
Run **ntdsutil.exe** and specify the *metadata cleanup* parameter.	

Correct Answer:

Actions

Transfer the operations master roles and create a new global catalog server.

Run **ntdsutil.exe** and specify the *metadata cleanup* parameter.

Answer Area

Install the Active Directory Domain Services role on DC3 and DC4.

Run the Active Directory Domain Services Configuration Wizard on DC3 and DC4.

Run **dcpromo.exe** on DC1 and DC2.

Section: [none]
Explanation

Explanation/Reference:

QUESTION 23
Your network contains an Active Directory forest.
The forest contains two domains named contoso.com and fabrikam.com.

You plan to decommission the fabrikam.com domain.

You need to perform the following migration tasks:

- Copy user accounts from the fabrikam.com domain to the contoso.com domain.
- Move the client computers from fabrikam.com to contoso.com.

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

Which tool should you use to perform each task?

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

Select and Place:

Correct Answer:

Section: [none]
Explanation

Explanation/Reference:

QUESTION 24
Your network contains an Active Directory domain named contoso.com.
The domain contains a server named Server1 that runs Windows Server 2008 R2.
Server1 is a file server.

You deploy a new member server named Server2 that runs Windows Server 2012.

You plan to migrate file shares from Server1 to Server2.
File share and NTFS permissions are assigned only to domain local groups.

You need to identify which actions are required to perform the migration.

Which five actions should you identify?

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

Select and Place:

Actions	Answer Area
On Server2, register the Windows Server Migration Tools.	
On Server1, install the Windows Server Migration Tools.	
On Server1, register the Windows Server Migration Tools.	
On Server1, run the **Send-SmigServerData** cmdlet.	
On Server2, run the **Receive-SmigServerData** cmdlet.	
On Server2, create a deployment folder.	
On Server1, create a deployment folder.	
On Server2, install the Windows Server Migration Tools.	

Correct Answer:

Actions	Answer Area
On Server2, register the Windows Server Migration Tools.	On Server2, install the Windows Server Mig Tools.
On Server1, install the Windows Server Migration Tools.	On Server2, create a deployment folder.
On Server1, register the Windows Server Migration Tools.	On Server1, register the Windows Server N Tools.
On Server1, run the **Send-SmigServerData** cmdlet.	On Server2, run the **Receive-SmigServerData** cmdlet.
On Server2, run the **Receive-SmigServerData** cmdlet.	On Server1, run the **Send-SmigServerData** cmdlet.
On Server2, create a deployment folder.	
On Server1, create a deployment folder.	
On Server2, install the Windows Server Migration Tools.	

Section: [none]
Explanation

Explanation/Reference:
EDIT by OBS

In the original version of the dump send-smigserverdata was launched before the reeceive command, this is wrong as documented here **http://technet.microsoft.com/nl-nl/library/dd379474 (v=ws.10).aspx#BKMK_MigrateData**

Box 1: On Server2, install the Windows Server Migration Tools.

Box 2: On Server2, create a deployment folder.

Box 3: On Server1, register the Windows Server Migration Tools.

Box 4: On Server1, run the Send-SmigServerData cmdlet.

Box 5:On Server2, run the Receive-SmigServerData cmdlet.

Note:
* Windows Server Migration Tools installation and preparation can be divided into the following stages.
1.Installing Windows Server Migration Tools on destination servers that run Windows Server 2012.

2.Creating deployment folders on destination servers that run Windows Server 2012, for copying to source servers.

3.Copying deployment folders from destination servers to source servers.

4.Registering Windows Server Migration Tools on source servers.
* Registering Windows Server Migration Tools on source computers Before you can use a technology's Windows PowerShell snap-in for the first time, it must be registered with Windows PowerShell. You can use SmigDeploy.exe to register the Windows Server Migration Tools snap-in on a migration source computer
*Send-SmigServerData
This cmdlet migrates folders, files, and associated permissions and share properties from the local server to a target server. Send-SmigServerData must be run on the source server at the same Microsoft 70-413 Exam

time that the Receive-SmigServerData cmdlet is running on the destination server.
*Receive-SmigServerData
This cmdlet allows a target server to receive shares, folders, files, and associated permissions and share properties that are migrated from a source server. Receive-SmigServerData must be running on the destination server at the same time that the Send-SmigServerData cmdlet is running on the source server.
* File server or data migration can be achieved by migrating the data from the existing server using tools such as Microsoft Robocopy and Microsoft File Server Migration Tool (FSMT), or directly presenting the storage Logical Unit Number (LUNs) onto a new server.
* Windows Server Migration Tools is a feature that is available for installation on computers that are running Windows Server 2008 R2 by using the Add Features Wizard in Server Manager. Windows Server Migration Tools can be removed from Windows Server 2008 R2 by using the Remove Features Wizard.
To migrate roles, features, and other data by using Windows Server Migration Tools, you must also deploy Windows Server Migration Tools on source servers from which you want to migrate data. Windows Server Migration Tools is deployed on source servers by creating a deployment folder on a computer that is running Windows Server 2008 R2, and then copying it to the pre- Windows Server 2008 R2 source computer operating systems shown in the table in this topic.

Reference:Install, Use, and Remove Windows Server Migration Tools

QUESTION 25
Your company plans to deploy a remote access solution to meet the following requirements:

- Ensure that client computers that are connected to the Internet can be managed remotely without requiring

that the user log on.
- Ensure that client computers that run Windows Vista or earlier can connect remotely.
- Ensure that non-domain-joined computers can connect remotely by using TCP port 443.

You need to identify which remote access solutions meet the requirements.

Which solutions should you identify?

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

Select and Place:

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

Correct Answer:

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

Section: [none]
Explanation

Explanation/Reference:

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

Note:
*DirectAccess, introduced in the Windows 7 and Windows Server 2008 R2 operating systems, allows remote users to securely access enterprise shares, web sites, and applications without connecting to a virtual private network (VPN). DirectAccess establishes bi-directional connectivity with a user's enterprise network every time a user's DirectAccess-enabled portable computer connects to the Internet, even before the user logs on. Users never have to think about connecting to the enterprise network and IT administrators can manage remote computers outside the office, even when the computers are not connected to the VPN. Forefront Unified Access Gateway (UAG) 2010 extends the benefits of DirectAccess across your infrastructure, enhancing scalability and simplifying deployment and ongoing management.
*Both L2TP and IPsec must be supported by both the VPN client and the VPN server. Client support for L2TP is built in to the Windows Vista® and Windows XP remote access clients, and VPN server support for L2TP is built in to members of the Windows Server® 2008 and Windows Server 2003 family.
*Secure Socket Tunneling Protocol (SSTP) is a form of VPN tunnel that provides a mechanism to transport PPP or L2TP traffic through an SSL 3.0 channel. SSL provides transport-level security with key-negotiation, encryption and traffic integrity checking. The use of SSL over TCP port 443 allows SSTP to pass through virtually all firewalls and proxy servers.

QUESTION 26
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 nameConnected sites

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. Create one SMTP site link between Site1 and Site3. Create one SMTP site link between Site1 and Site2.
C. Create one site link bridge.
D. Delete Link1.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:

QUESTION 27
You have a server named Server1 that runs Windows Server 2012.

You have a 3-TB database that will be moved to Server1.

Server1 has the following physical disks:

- Three 2-TB SATA disks that are attached to a single IDE controller
- One 1-TB SATA disk that is attached to a single IDE controller

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

What should you include in the recommendation?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
http://blogs.technet.com/b/askpfeplat/archive/2012/10/10/windows-server-2012-storage-spaces-is- it-for-youcould-be.http://winsvr.wordpress.com/2013/01/22/storage-space-virtual-disk/

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

QUESTION 28
Your network contains an Active Directory domain named contoso.com.
The domain contains 10 sites.
The sites are located in different cities and connect to each other by using low-latency WAN links.

In each site, you plan to implement Microsoft System Center 2012 Configuration Manager and to deploy

multiple servers.

You need to recommend which Configuration Manager component must be deployed to each site 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. A management point
B. A software update point
C. A distribution group point
D. A secondary site server that has all of the Configuration Manager roles installed

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
The question is not overall clear but according to me and to my experience with SMS (since version 2.0) I don't see much sense in

QUESTION 29
Your network contains an Active Directory forest named contoso.com. The forest is managed by using Microsoft System Center 2012.

You plan to create virtual machine templates to deploy servers by using the Virtual Machine Manager Self-service Portal (VMMSSP).

To the Virtual Machine Manager (VMM) library, you add a VHD that has a generalized image of Windows Server 2012.

You need to identify which VMM components must be associated with the image.

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

A. A guest OS profile
B. A hardware profile
C. A capability profile
D. A host profile

Correct Answer: AB
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/jj860424.aspx

Profiles
VMM provides the following profiles:
Hardware profile--A hardware profile defines hardware configuration settings such as CPU, memory, network adapters, a video adapter, a DVD drive, a floppy drive, COM ports, and the priority given the virtual machine when allocating resources on a virtual machine host. Guest operating system profile--A guest operating system profile defines operating system configured settings which will be applied to a virtual machine created from the template. It defines common operating system settings such as the type of operating system, the computer name, administrator password, domain name, product key, and time zone, answer file and run once file.

NOTE: VMM also includes host profiles. Host profiles are not used for virtual machine creation. They are used during the conversion of a bare-metal computer to a Hyper-V host.

(http://technet.microsoft.com/en-us/library/hh368987.aspx)

QUESTION 30
Your network contains 50 servers that run Windows Server 2003 and 50 servers that run Windows Server 2008.

You plan to implement Windows Server 2012.

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

- The servers that run applications and services that can be moved to Windows Server 2012
- The servers that have hardware that can run Windows Server 2012
- The servers that are suitable to be converted to virtual machines hosted on Hyper-V hosts that run Windows Server 2012

What should you do?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/bb977556.aspx

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

The latest version of the MAP Toolkit adds new scenarios to help you plan your IT future while supporting your current business needs. Included scenarios help you to:
Plan your deployment of Windows 8 and Windows Server 2012 with hardware and infrastructure readiness assessments
Assess your environment for Office 2013
Plan your migration to Windows Azure Virtual Machines Track Lync Enterprise/Plus usage
Size your desktop virtualization needs for both Virtual Desktop Infrastructure (VDI) and session- based virtualization using Remote Desktop Services
Ready your information platform for the cloud with SQL Server 2012 Virtualize your existing Linux servers onto Hyper-V
Identify opportunities to lower your virtualization costs with Hyper-V using the VMware migration assessment
MAP is just one of the tools provided by the Microsoft Solution Accelerators team. The Microsoft Assessment and Planning Toolkit, Microsoft Deployment Toolkit, and Security Compliance Manager provide tested guidance and automated tools to help organizations plan, securely deploy, and manage new Microsoft technologies-- easier, faster, and at less cost. All are freely available, and fully-supported by Microsoft.

QUESTION 31
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. Add custom drivers to the images used for the deployment.
B. Add software packages to the images used for the deployment.
C. Update the custom images used for the deployment.
D. Perform a zero touch bare-metal installation that uses Wake On LAN.

Correct Answer: ABC
Section: [none]
Explanation

Explanation/Reference:
Let me just explain the requirement not fullfilled by the network (?) consultant you hired. (Perform a zero touch bare-metal installation that uses Wake On LAN.)

Microsoft Deployment Toolkit 2010
If ConfigMgr is not an option for you, the next best tool is the Microsoft Deployment Toolkit. MDT 2010 Update 1 (U1) requires Windows AIK for Windows 7; both are free downloads from Microsoft. MDT 2010 U1 performs LTIs and provides built in templates for refresh, replace, upgrade and bare-metal installations. One Since the consultant YOU hired obviously didn't learn for the 70-413 exam but just memorized, he never figured out you need MDT to perform a zero touch bare-metal installation. Hence he forgot to include it in his solution. Hope you can still get your money back....

QUESTION 32
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	• Full Installation of Windows Server 2012 • Distributed File System role service
Web Servers	• Server Core Installation of Windows Server 2012 • Web Server (IIS) server role
Domain Controllers	• Full Installation of Windows Server 2012 • DNS Server server role
Networking Servers	• 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

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/hh831764.aspx

QUESTION 33
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:
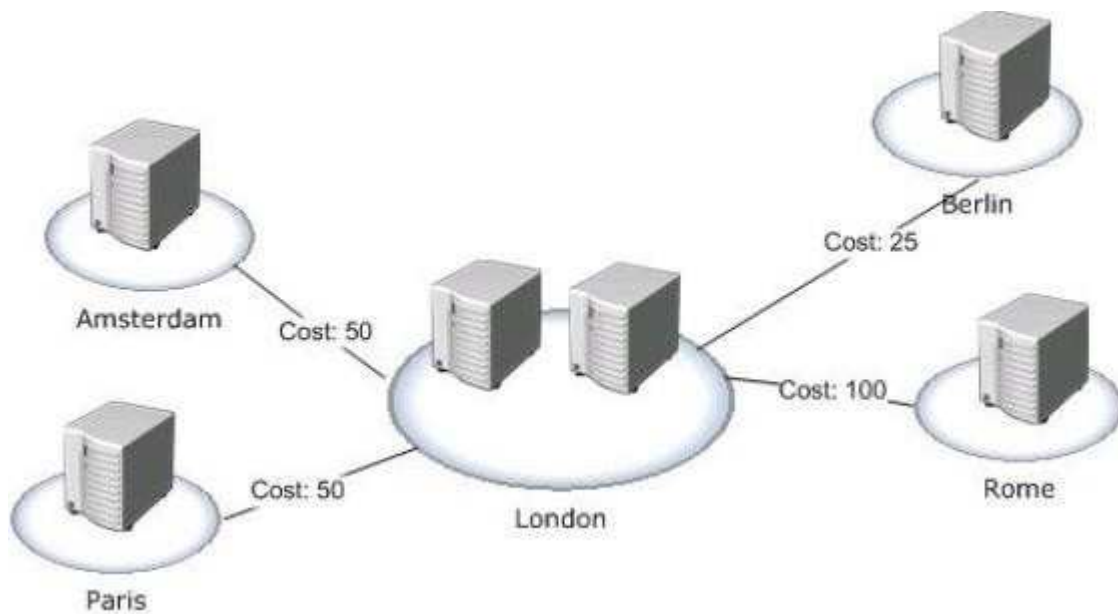
A. Modify the site link costs.
B. Modify the DC Locator DNS Records settings.
C. Disable site link bridging.
D. Modify the service location (SRV) records in DNS.

Correct Answer: B
Section: [none]
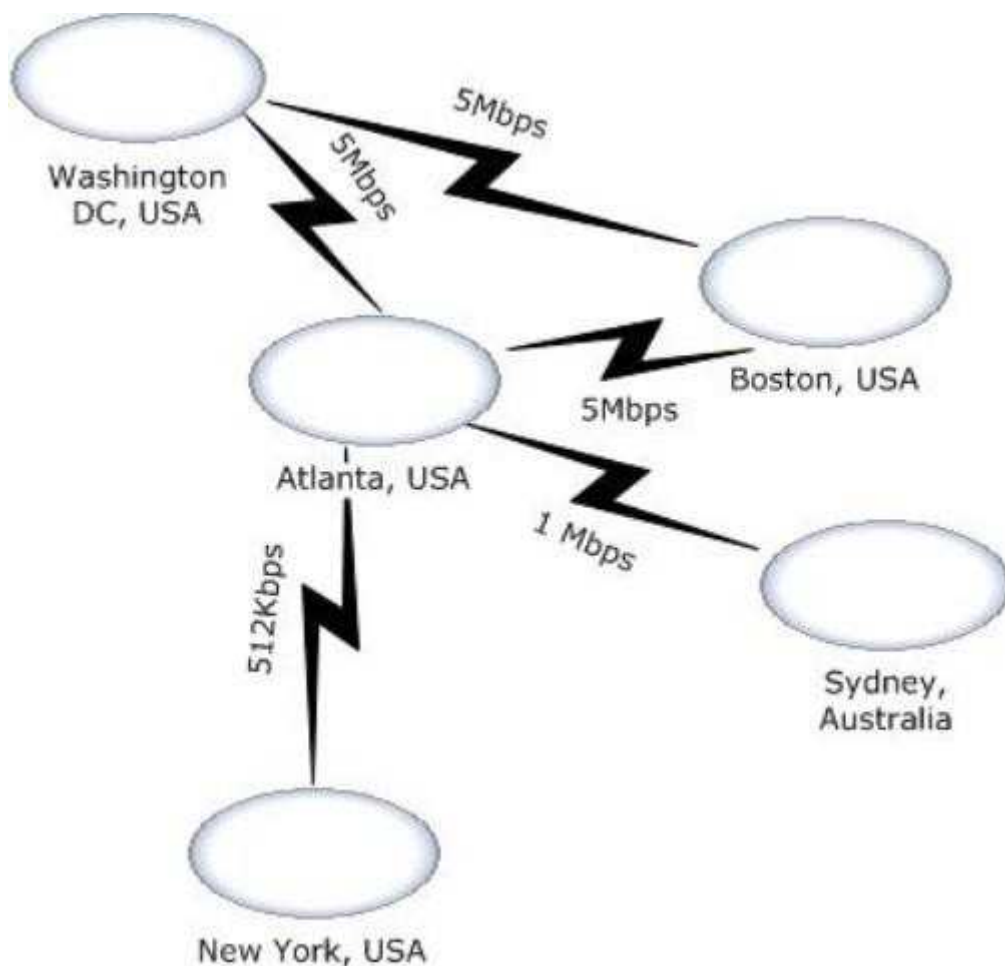**Explanation**

Explanation/Reference:

QUESTION 34
Your network contains an Active Directory domain named contoso.com.
The physical topology of the network is configured as shown in the exhibit.
(Click the Exhibit button.)

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:

Washington DC, USA — 5Mbps — Boston, USA
Washington DC, USA — 5Mbps — Atlanta, USA
Atlanta, USA — 5Mbps — Boston, USA
Atlanta, USA — 1 Mbps — Sydney, Australia
Atlanta, USA — 512Kbps — New York, USA

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

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/cc960573.aspx

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"

Testlet 1

QUESTIONS SET OVERVIEW

Title: **Random Question Set - Exam C - 34 Questions**

QUESTION 1
Your company has a main office and a branch office. The main office contains 2,000 users.
The branch office contains 800 users. Each office contains three IP subnets.

The company plans to deploy an Active Directory forest.

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

- Ensure that the users are authenticated by using a domain controller in their respective office.
- Minimize the amount of Active Directory replication traffic between the offices.

Which Active Directory infrastructure should you recommend?

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

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
To minimize the amount of replication traffic, create 2 domains. Each domain contain one site.
http://technet.microsoft.com/en-us/library/bb742457.aspx

QUESTION 2
Your network contains an Active Directory domain named contoso.com.
The Active Directory site topology is configured as shown in the exhibit.
(Click the Exhibit button.)

DC1 and DC2 run Windows Server 2003 R2. All FSMO roles are located on DC2.

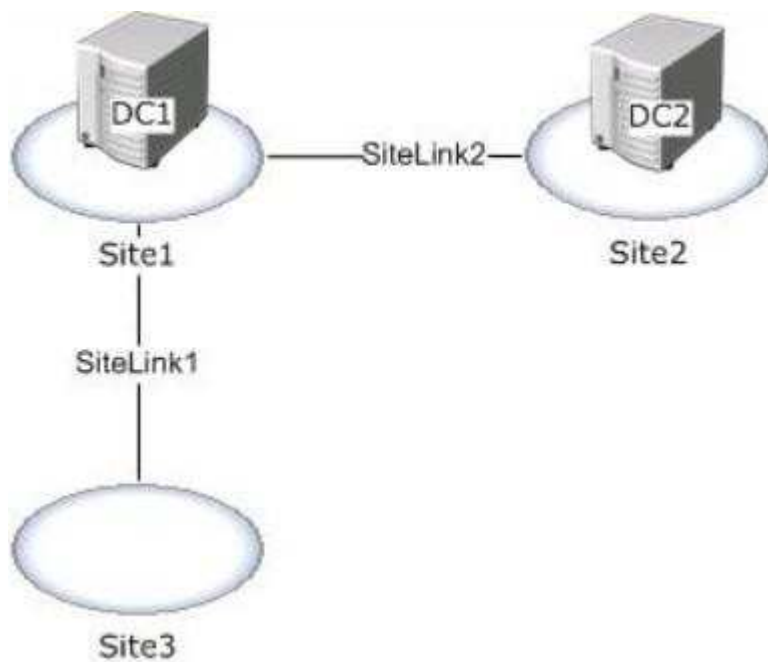You plan to deploy a read-only domain controller (RODC) to Site3.
You need to recommend changes to the network to support the planned RODC implementation.
What should you recommend?

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

Exhibit:

A. To Site1, add an RODC that runs Windows Server 2012.
B. Replace DC2 with a domain controller that runs Windows Server 2012.
C. To Site2, add an RODC that runs Windows Server 2012.
D. Replace DC1 with a domain controller that runs Windows Server 2012.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/cc772065%28v=ws.10%29.aspx

Each RODC requires a writable domain controller running Windows Server 2008 for the same domain from which the RODC can directly replicate.
Typically, this requires that a writable domain controller running Windows Server 2008 be placed in the nearest site in the topology.

QUESTION 3
Your network contains a Hyper-V host named Host1 that runs Windows Server 2012.
Host1 contains a virtual machine named DC1.
DC1 is a domain controller that runs Windows Server 2012.

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

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

A. Run sysprep.exe /oobe.
B. Run New-VirtualDiskClone.
C. Create a file named Dccloneconfig.xml.
D. Add DC1 to the Cloneable Domain Controllers group.
E. Run dcpromo.exe /adv.

Correct Answer: CD
Section: [none]
Explanation

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

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

There's a new group in town. It's called Cloneable Domain Controllers and you can find it in the Users container. Membership in this group dictates whether a DC can or cannot be cloned. This group has some permissions set on the domain head that should not be removed. Removing these permissions will cause cloning to fail. Also, as a best practice, DCs shouldn't be added to the group until you plan to clone and DCs should be removed from the group once cloning is complete. Cloned DCs will also end up in the Cloneable Domain Controllers group. Make sure to remove those as well

QUESTION 4
Your network contains an Active Directory domain named contoso.com.

Your company plans to open a branch office.
The branch office will have 10 client computers that run Windows 8 and at least one server that runs Windows Server 2012.
The server will host BranchCache files and manage print queues for the network print devices in the branch office.

You need to recommend a solution to ensure that the users in the branch office can print if the branch office server fails.

What should you recommend?

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

A. Printer pooling
B. Branch Office Direct Printing
C. A standby print server
D. A print server cluster
E. A secure Web Services on Devices (WSD) printer

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/jj134156.aspx

Branch Office Direct Printing can reduce Wide Area Network (WAN) usage by printing directly to a print device instead of a server print queue. This feature can be enabled or disabled on a per printer basis and is transparent to the user.
This feature requires a print server running Windows Server 2012 and clients running Windows 8. It is enabled by an administrator using the Print Management Console or Windows PowerShell on the server.

EDIT by OBS

I don't agree with the above explanation and the original answer which was B, let's analyze this. The Branch

Office Direct Printing is useful to reduce WAN traffic but the question asks us to implement a fault tolerant solution which is not achieved via Branch Office Direct Printing but through print server clustering (expensive and somehow difficult to implement) OR Creating Standby Servers as documented here http://technet.microsoft.com/en-us/library/cc737836(v=ws.10).aspx

QUESTION 5
Your company has a main office that contains several servers and several users.
The main office contains a file server named Server1 that runs Windows Server 2012.

The users access a large report file that is created on Server1 each day.

The company plans to open a new branch office. The branch office will contain only client computers.

You need to implement a solution to reduce the amount of bandwidth used by the client computers in the branch office to download the report each day.

What should you do?

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

A. Install the BranchCache for network files role service on Server1.
   Configure the client computers to use BranchCache in hosted cache mode.
B. Configure the offline settings of the shared folder that contains the report.
C. Install the BranchCache for network files role service on Server1.
   Configure the client computers to use Branchcache in distributed mode.
D. Enable the Background Intelligent Transfer Service (BITS) feature on Server1 and on each client computer in the branch office.
   Move the report to a web folder.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/library/ee649232(WS.10).aspx

Distributed cache mode. In this mode, branch office client computers download content from the content servers in the main office and then cache the content for other computers in the same branch office. Distributed cache mode does not require a server computer in the branch office.

QUESTION 6
Your network contains an Active Directory domain named contoso.com.
The domain contains four computers that are configured as shown in the following table.

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

You plan to use domain controller cloning.

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

Which computers should you identify?

(Each correct answer presents part of the solution. Choose all that apply.)

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

Correct Answer: AD
Section: [none]
Explanation

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

QUESTION 7
Your network contains an Active Directory domain named contoso.com.

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

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

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

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

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

What should you include in the recommendation?

A. From GPO2, set the loopback processing mode.
B. Apply a WMI filter to GP02.
C. Configure security filtering for GPO1.
D. From GPO1, set the loopback processing mode.

Correct Answer: A
Section: [none]
Explanation

Explanation/Reference:
http://support.microsoft.com/kb/231287

QUESTION 8
Your network contains an Active Directory domain named contoso.com.
The functional level of the domain and the forest is Windows Server 2008 R2.

All domain controllers run Windows Server 2008 R2.

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

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

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

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

Correct Answer: CE
Section: [none]
Explanation

Explanation/Reference:
Dynamic Access Control
http://blogs.technet.com/b/windowsserver/archive/2012/05/22/introduction-to-windows-server- 2012-dynamicaccess-control.aspx
kerberos armoring setting
http://technet.microsoft.com/en-us/library/hh831747.aspx

EDIT by OBS*

Original answeres were B,D,E I don't agree with this as the question don't talk about Dynamic Access Control list only about claim based authentication hence I changed the answers.

QUESTION 9
Your company has two divisions named Division1 and Division2.

The network contains an Active Directory domain named contoso.com.
The domain contains two child domains named division1.contoso.com and division2.contoso.com.

The company sells Division1 to another company.

You need to prevent administrators in contoso.com and division2.contoso.com
from gaining administrative access to the resources in division1.contoso.com.

What should you recommend?

A. Create a new tree in the forest named contoso.secure. Migrate the resources and the accounts in division1.contoso.com to contoso.secure.
B. On the domain controller accounts in division1.contoso.com, deny the Enterprise Admins group the Allowed to Authenticate permission.
C. Create a new forest and migrate the resources and the accounts in division1.contoso.com to the new forest.
D. In division1.contoso.com, remove the Enterprise Admins group from the Domain Admins group and remove

the Enterprise Admins group from the access control list (ACL) on the division1.contoso.com domain object.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 10
Your network contains an Active Directory domain named contoso.com.

On several organizational units (OUs), an administrator named Admin1 plans to delegate control of custom tasks.
You need to ensure that Admin1 can delegate a custom task named Task1 by using the Delegation of Control Wizard.

What should you do?

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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://support.microsoft.com/kb/308404

QUESTION 11
Your network contains an Active Directory forest.
The forest contains two Active Directory domains named contoso.com and child.contoso.com.
The forest functional level is Windows Server 2003. The functional level of both domains is Windows Server 2008.

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

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

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

The child.contoso.com domain contains a server named serverl.child.contoso.com that runs Windows Server 2012.
You plan to deploy server1.child.contoso.com as a read-only domain controller (RODC).
You run the adprep.exe /rodcprep command on DC3 and receive the following error message:

"Adprep could not contact a replica for partition DC=DomainDnsZones,DC=Contoso,D
Adprep failed the operation on partition DC=DomainDnsZones,DC=Contoso,DC=com

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

Adprep failed the operation on partition DC=ForestDnsZones,DC=Contoso,DC=com Sl

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

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

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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
EDIT by OBS

This is documented in this KB article:
http://support.microsoft.com/kb/949257

QUESTION 12
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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:

QUESTION 13
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

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
http://www.discoposse.com/index.php/2012/04/05/group-policy-wmi-filter-laptop-or-desktop- hardware/

Another 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.

QUESTION 14
Your network contains an Active Directory domain named contoso.com.
The domain contains a server named Server1 that runs Windows Server 2008.

Server1 is configured as an enterprise certification authority (CA).

You back up all of the data on Server1, and then export the private and public keys of the CA.
You plan to replace Server1 with a new member server that was purchased recently.
You need to identify which actions must be performed on the new server to restore the certificate services of
Server1.

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

Select and Place:

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

Correct Answer:

Actions	Answer Area
	Install the Active Directory role.
	Run the AD CS Configuratio private key.
Run the AD CS Configuration wizard and import the public key.	Restore the certificate serv the certificate services dat

Section: [none]
Explanation

Explanation/Reference:
http://support.microsoft.com/kb/298138/en-us
http://etutorials.org/Microsoft+Products/windows+server+hack/Chapter+10.+Backup+and+Recovery/Hack+93
+Back+Up+and+Restore+a+Certificate+Authority/

QUESTION 15
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 Microsoft 70-413 Exam
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.

Select and Place:

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

Correct Answer:

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

Section: [none]
Explanation

Explanation/Reference:

QUESTION 16
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.
    Configure a DHCP relay agent on each new DHCP server.
    Create a scope for each subnet on DHCP1.
B. Install a DHCP server on each floor.
    Create a scope for the local subnet on each new DHCP server.
    Enable DHCP Failover on each new DHCP server.
C. Configure each router to forward requests for IP addresses to DHCP1.
    Create a scope for each subnet on DHCP1.
D. Configure each router to forward requests for IP addresses to DHCP1.
    Create a scope for the 10.0.0.0/16 subnet on DHCP1.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/cc771390.aspx

Excerpt: 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.

QUESTION 17
You deploy an Active Directory domain named contoso.com to the network.
The domain is configured as an Active Directory-integrated zone.
All domain controllers run Windows Server 2012 and are DNS servers.

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

You need to recommend changes to the DNS infrastructure to ensure that users in the operations department can access the servers in the contoso.com domain.

What should you include in the recommendation?

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

Correct Answer: B

Section: [none]
Explanation

Explanation/Reference:
http://support.microsoft.com/kb/255248

Manually Create a Delegation for the Child Domain on the Parent (Root) DNS Server
1. Right-click the root zone, click New Delegation, and then click Next.
2. Type the domain name for the child domain, and then click Next.
3. Add the child DNS server to host the new zone, and then click Next.NOTE: A domain controller that is a DNS server should have a static Transport Control Protocol/Internet Protocol (TCP/IP) address. Verify that this step is performed before you install DNS on the child domain controller. If no DNS TCP/IP address exists, DNS is installed as a root server. If you see that a "." folder is created after you install DNS, you must remove the root configuration. For additional information about how to do this, click the article number below to view the article in the Microsoft Knowledge Base:

229840 DNS Server's Root Hints and Forwarder Pages Are Unavailable
4. On the child domain DNS server, right-click My Network Places, and then click Properties.
5. Right-click the appropriate local connection, and then click Properties.
6. Under Components checked are used by this connection, click Internet Protocol (TCP/IP), and then click Properties.
7. Click Use the following DNS server addresses:, and then type the TCP/IP address of the parent (root) DNS server.

QUESTION 18
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?

Exhibit:

Edit scope

⊗ One or more IPAM database errors occurred. Run the IPAM configuration task to synchronize the database with newly applied s

Show All

General   +

DNS Updates   +

Options   +

Advanced   +

Summary   −

Summary

Task	Target	
Set Scope	Server Name:lon-dc1.adatum.com; Scope ID:172.16.0.0;	

Details

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.

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/hh831622.aspx IPAM Administrators: IPAM Administrators have the privileges to view all IPAM data and perform all IPAM tasks.

QUESTION 19
Your network contains a server named Server1 that runs Windows Server 2012.
Server1 has the DHCP Server server role installed.

All of the client computers that are in a subnet named Subnet1 receive their IP address configurations from Server1.

You plan to add another DHCP server named Server2 to Subnet1.

You need to recommend changes to the DHCP infrastructure to ensure that the client computers continue to receive IP addressing information if a single DHCP server fails.

What should you do?

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

A. Create a Network Load Balancing (NLB) cluster.
B. Configure Failover for the scope.
C. Create a DHCP failover cluster.
D. Create a split scope.

Correct Answer: B
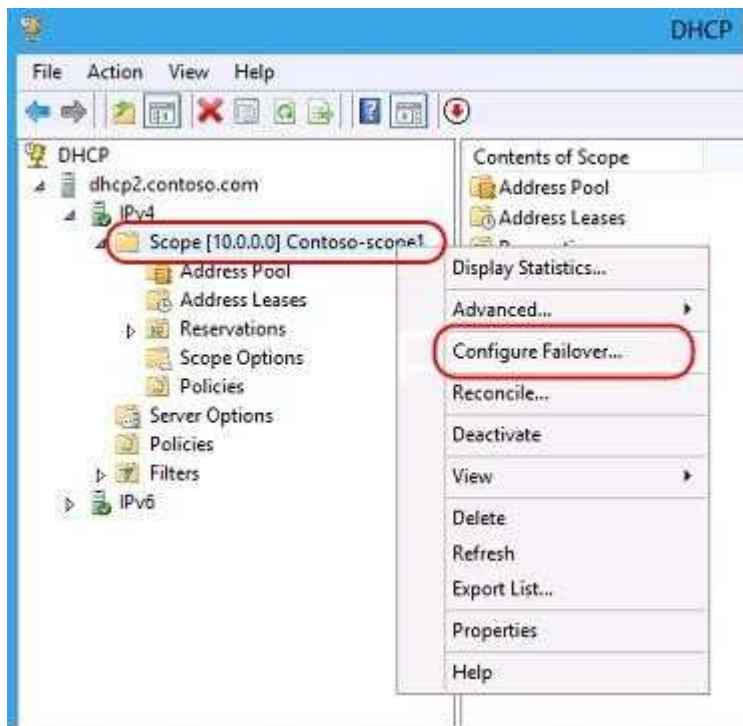**Section: [none]**
Explanation

Explanation/Reference:
Explanation:
http://blogs.technet.com/b/keithmayer/archive/2012/10/28/step-by-step-scoping-out-the-new-dhcp- failover-inwindows-server-2012-31-days-of-favorite-features-part-28-of-31.aspx#.UQhW-b-jbK0

QUESTION 20
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.

What should you include in the recommendation?

A. Set the ISATAP State to state enabled.
B. Enable split tunneling.
C. Set the ISATAP State to state disabled.
D. Enable force tunneling.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
Explanation:
http://blogs.technet.com/b/csstwplatform/archive/2009/12/15/directaccess-how-to-configure-force- tunneling-forda-so-that-client-are-forced-to-use-ip-https.aspx

You can configure DirectAccess clients to send all of their traffic through the tunnels to the DirectAccess server with force tunneling. When force tunneling is configured, DirectAccess clients that detect that they are on the Internet modify their IPv4 default route so that default route IPv4 traffic is not sent. With the exception of local subnet traffic, all traffic sent by the DirectAccess client is IPv6 traffic that goes through tunnels to the DirectAccess server.

QUESTION 21
Your network contains an Active Directory domain.

You plan to implement a remote access solution that will contain three servers that run Windows Server 2012. The servers will be configured as shown in the following table.

Server name	Role service	Location
Server1	Direct Access and VPN (RRAS)	Perimeter network
Server2	Network Policy Server	Internal network
Server3	Network Policy Server	Internal network

You need to ensure that all VPN connection requests are authenticated and authorized by either Server2 or Server3.
The solution must ensure that the VPN connections can be authenticated if either Server2 or Server3 fails.

What should you do?

A. On Server1, configure a RADIUS proxy. Add Server2 and Server3 to a failover cluster.
B. Add Server2 and Server3 to a Network Load Balancing (NLB) cluster. On Server1, modify the Authentication settings.
C. On Server1, configure a RADIUS proxy. On Server2 and Server3, add a RADIUS client.
D. On Server2 and Server3, add a RADIUS client. On Server1, modify the Authentication settings.

Correct Answer: D
Section: [none]
Explanation

QUESTION 22
Your company has a main office.

The network contains an Active Directory domain named contoso.com.
The main office contains a server named Server1 that runs Windows Server 2012.
Server1 has the Remote Access server role installed and is configured to accept incoming SSTP-based VPN connections.

All client computers run Windows 7.

The company plans to open a temporary office that will contain a server named Server2 that runs Windows Server 2012 and has the DHCP Server server role installed.
The office will also have 50 client computers and an Internet connection.

You need to recommend a solution to provide the users in the temporary office with access to the resources in the main office.

What should you recommend?

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

A. Use the Connection Manager Administration Kit (CMAK) to create a connection package that specifies Server1 as the target for SSTP-based VPN connections.
Manually distribute the CMAK package to each client computer in the temporary office.
B. Install the Remote Access server role on Server2. From Routing and Remote Access on Server2, add a SSTP-based VPN port.
From DHCP on Server2, configure the default gateway server option.
C. Uses the Connection Manager Administration Kit (CMAK) to create a connection package that specifies Server1 as the target for SSTP-based VPN connections.
Use a Group Policy object (GPO) to distribute the CMAK package to each client computer in the temporary office.
D. Install the Remote Access server role on Server2. From Routing and Remote Access on Server2, configure a demand-dial interface.
From DHCP on Server2, configure the default gateway server option.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 23
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. VPN
B. DHCP
C. IPsec
D. 802.1x

Correct Answer: B
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/cc733020(v=ws.10).aspx

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.

QUESTION 24
Your network contains multiple servers that run Windows Server 2012.
All client computers run Windows 8.

You need to recommend a centralized solution to download the latest antivirus definitions for Windows Defender.

What should you include in the recommendation?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

Explanation:
For those who actually doubt this answer:
http://support.microsoft.com/kb/919772

To use WSUS to deploy Windows Defender definition updates to client computers, follow these steps:
1. Open the WSUS Administrator console, and then click Options at the top of the console.
2. Click Synchronization Options.
3. Under Products and Classifications, click Change under Products.
4. Verify that the Windows Defender check box is selected, and then click OK.
5. Under Products and Classifications, click Change under Update Classifications.

6. Verify that the Definition Updates check box is selected, and then click OK.
7. Optional Update the automatic approval rule. To do this, follow these steps:
a. At the top of the console, click Options.
b. Click Automatic Approval Options.
c. Make sure that the Automatically approve updates for installation by using the following rule check box is selected.
d. Under Approve for Installation, click Add/Remove Classification. e. Verify that the Definition Updates check box is selected, and then click OK.

8. At the top of the console, click Options.
9. Click Synchronization Options.
10. On the taskbar on the left, click Synchronize now.
11. At the top of the console, click Updates.
12. Approve any Windows Defender updates that WSUS should deploy.

QUESTION 25
Your network contains an Active Directory domain named contoso.com.
The domain contains three VLANs.
The VLANs are configured as shown in the following table.

VLAN ID	Contents	Routing enabled to
1	Client computers	VLAN 2
2	• Application servers • Domain controllers • Network Policy Service (NPS) servers	VLAN 1 and the Internet
3	Windows Server Update Services (WSUS) server	Nowhere

All client computers run either Windows 7 or Windows 8.

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

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

Which Network Access Protection (NAP) enforcement method should you implement?

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

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:
http://blogs.technet.com/b/wincat/archive/2008/08/19/network-access-protection-using-802-1x- vlan-s-or-portacls-which-is-right-for-you.aspx

The most common method of the list is 802.1x for a variety of reasons. First, the industry has been selling 802.1x network authentication for the last 10 years. 1x gained tremendous popularity as wireless networking became prevalent in the late 90's and early 2000's and has been proven to be a viable solution to identifying

assets and users on your network. For customers that have invested in 802.1x capable switches and access points, NAP can very easily be implemented to complement what is already in place. The Network Policy Server (NPS) role Windows Server 2008 has been dramatically improved to make 802.1x policy creation much simpler to do.

QUESTION 26
Your company has a main office and a branch office.

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

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

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

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

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

- Cache passwords for all of the members of Branch1Users.
- Prevent the caching of passwords for the members of Helpdesk.

What should you do?

A. Create a Password Settings object (PSO) for the Helpdesk group.
B. Install the BranchCache feature on RODC1.
C. Modify the password replication policy of RODC1.
D. Modify the delegation settings of RODC1.

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:

QUESTION 27
Your company has a main office, ten regional datacenters; and 100 branch offices.

You are designing the site topology for an Active Directory forest named contoso.com.

The forest will contain the following servers:

- In each regional datacenter and in the main office, a domain controller that runs Windows Server
- In each branch office, a file server that runs Windows Server 2012

You have a shared folder that is accessed by using the path \\contoso.com\shares\software.
The folder will be replicated to a local file server in each branch office by using Distributed File System (DFS) replication.

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

- Ensure that users in the branch offices will be authenticated by a domain controller in the closest regional datacenter.
- Ensure that users automatically connect to the closest file server when they access \\contoso.com\shares\software.

How many Active Directory sites should you recommend?

A. 1
B. 10
C. 11
D. 111

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
EDIT by OBS

Original answer was D (111) I don't agree with this as the question clearly states "...In each regional datacenter and in the main office, a domain controller that runs Windows Server..." and we know that an AD site needs a DC, hence we will be deploying 11 DCs making it possible to configure 11 sites.

"....Ensure that users in the branch offices will be authenticated by a domain controller in the closest regional datacenter..." just a matter of binding the subnet object to a site http://technet.microsoft.com/en-us/library/cc780426(v=ws.10).aspx

"...Ensure that users automatically connect to the closest file server when they access \\contoso.com\shares\software..." http://blogs.technet.com/b/askds/archive/2011/09/16/active-directory-site-topology-not-just-for-dcs.aspx

My answer if definitely 11 and not 111 which does not make sense to my eyes.

QUESTION 28
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.

Select and Place:

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

Correct Answer:

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

Section: [none]
Explanation

Explanation/Reference:

http://technet.microsoft.com/en-us/library/hh831622.aspx#security_groups

IPAM security groups

The following local IPAM security groups are created when you install IPAM.

- **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 MSM Administrators**: IPAM multi-server management (MSM) administrators have IPAM Users privileges and can perform IPAM common management tasks and server management tasks.

- **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.

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

QUESTION 29
Your network contains an Active Directory domain named contoso.com.
You plan to implement multiple DHCP servers.

An administrator named Admin1 will authorize the DHCP servers.
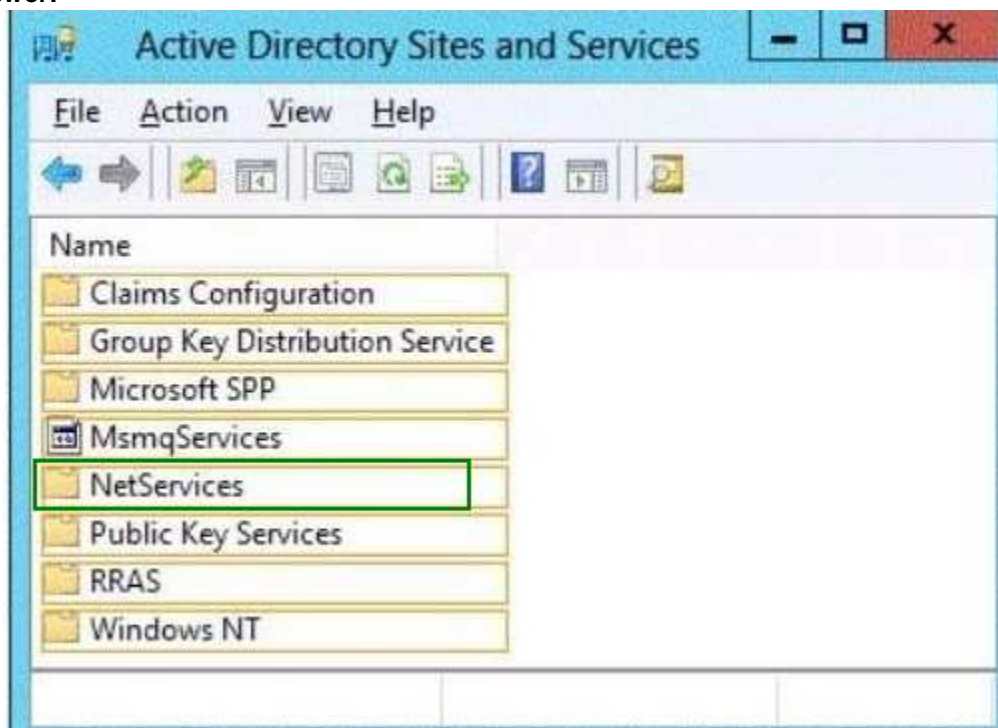You need to ensure that Admin1 can authorize the planned DHCP servers.

To which container should you assign Admin1 permissions?

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

Point and Shoot:
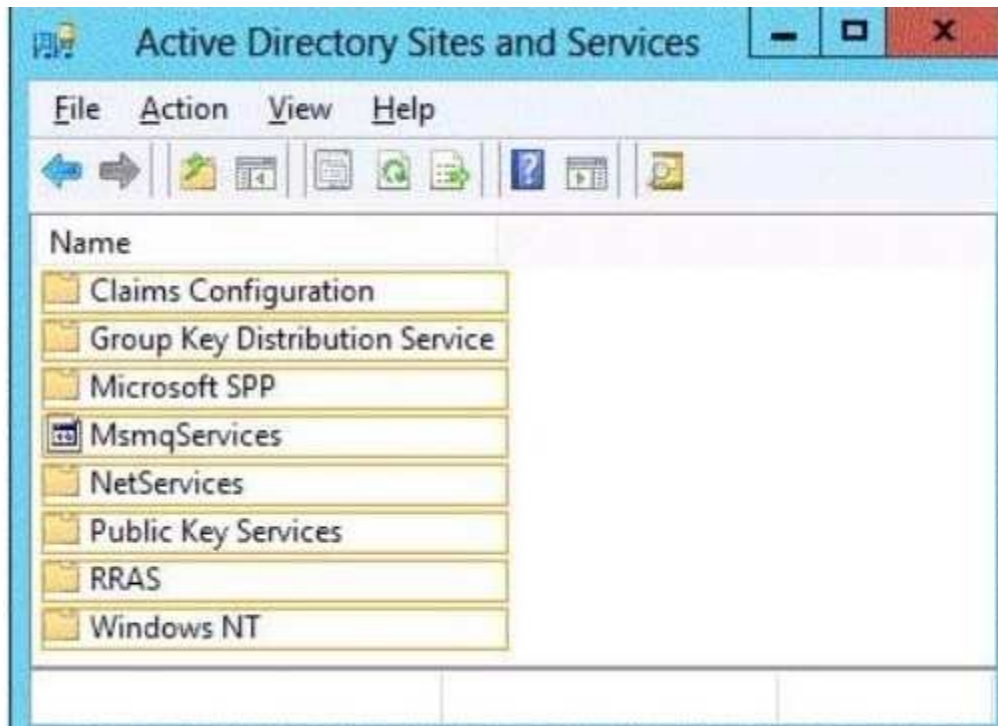
Correct Answer:

Section: [none]
Explanation

Explanation/Reference:
Authorization of DHCP server can only be performed by a domain user that has permissions to create objects in the Net services container in Active Directory. See how to delegate permissions to do this in active directory.

http://blogs.technet.com/b/teamdhcp/archive/2012/08/31/installing-and-configuring-dhcp-role-on-

windowsserver-2012.aspx

QUESTION 30
Your network contains an Active Directory forest named contoso.com.

Your company merges with another company that has an Active Directory forest named litwareinc.com.

Each forest has one domain.

You establish a two-way forest trust between the forests.

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

Server name	Configuration
dc1.contoso.com	• Windows Server 2012 • Domain controller • DNS server that has an Active-Directory integrated zone for contoso.com
dc1.litwareinc.com	• Windows Server 2012 • Domain controller • DNS server that has an Active-Directory integrated zone for litwareinc.com
server1.contoso.com	• Windows Server 2012 • Member server

You confirm that the client computers in each forest can resolve the names of the client computers in both forests.

On dc1.litwareinc.com, you create a zone named GlobalNames.

You need to recommend changes in both forests to ensure that the users in both forests can resolve single-label names by using the GlobalNames zone in litwareinc.com.

Which changes should you recommend?

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

Select and Place:

Configurations

Configurations
Add a conditional forwarder.
Enable GlobalNames support.
Create an alias (CNAME) record for Server1.
Create a GlobalNames service location (SRV) record.

Answer Area

Server name	Configuration
dc1.contoso.com	Configurat
	Configurat
dc1.litwareinc.com	Configurat

Correct Answer:

Configurations

Configurations
Add a conditional forwarder.
Enable GlobalNames support.
Create an alias (CNAME) record for Server1.
Create a GlobalNames service location (SRV) record.

Answer Area

Server name	Configuration
dc1.contoso.com	Enable GlobalNames
	Create a GlobalName location (SRV) recor
dc1.litwareinc.com	Enable GlobalNames

Section: [none]
Explanation

Explanation/Reference:
Explanation:

Configurations	Answer Area	

Configurations

Add a conditional forwarder.

Create an alias (CNAME) record for Server1.

Answer Area

Server name	Configuration
dc1.contoso.com	Enable GlobalNames support.
	Create a GlobalNames service location (SRV) record.
dc1.litwareinc.com	Enable GlobalNames support.

http://technet.microsoft.com/en-us/library/cc731744.aspx

To make the GlobalNames zone available to all DNS servers and clients in a forest, replicate the zone to all domain controllers in the forest, that is, add the GlobalNames zone to the forest-wide DNS application partition. For more information, see Change the Zone Replication Scope.

If you want to limit the servers that will be authoritative for the GlobalNames zone, you can create a custom DNS application partition for replicating the GlobalNames zone. For more information, see Understanding DNS Zone Replication in Active Directory Domain Services.

Step 4: Populate the GlobalNames zone

For each server that you want to be able to provide single-label name resolution for, add an alias (CNAME) resource record to the GlobalNames zone. For more information, see Add an Alias (CNAME) Resource Record to a Zone.

Step 5: Publish the location of the GlobalNames zone in other forests

If you want DNS clients in other forests to use the GlobalNames zone for resolving names, add service location (SRV) resource records to the forest-wide DNS application partition, using the service name _globalnames._msdcs and specifying the FQDN of the DNS server that hosts the GlobalNames zone. For more information, see Add a Resource Record to a Zone and Service Location (SRV) Resource Record Dialog Box.

In addition, you must run the **dnscmd**ServerName**/config /enableglobalnamessupport 1** command on every authoritative DNS server in the forests that do not host the GlobalNames zone.

QUESTION 31
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.

Select and Place:

Configurations

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

Answer Area

Server1	Configuration
Server2	Configuration

Correct Answer:

Configurations

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

Answer Area

Server1   a stub zone

Server2   a stub zone

Section: [none]
Explanation

Explanation/Reference:

QUESTION 32
Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012. Server1 resides in the perimeter network and has the Remote Access server role installed.

Some users have laptop computers that run Windows 7 and are joined to the domain. Some users work from home by using their home computers. The home computers run either Windows XP, Windows Vista/ Windows 7, or Windows 8.

You need to configure the computers for remote access.

Which three actions should you perform?

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

Select and Place:

Actions	Answer Area
Publish the connection files to a web site in the company's extranet.	
Publish a software deployment package by using a Group Policy object (GPO).	
Create a RemoteApp application package.	
Create a Connection Manager Administration Kit (CMAK) package.	
Install the Connection Manager Administration Kit (CMAK).	

Correct Answer:

Actions	Answer Area
	Install the Connection Manager Adr (CMAK).
Publish a software deployment package by using a Group Policy object (GPO).	Create a Connection Manager Adm Kit (CMAK) package.
Create a RemoteApp application package.	Publish the connection files to a we company's extranet.

Section: [none]
Explanation

Explanation/Reference:

Actions	Answer Area
	Install the Connection Manager (CMAK).
Publish a software deployment package by using a Group Policy object (GPO).	Create a Connection Manager A Kit (CMAK) package.
Create a RemoteApp application package.	Publish the connection files to a company's extranet.

http://technet.microsoft.com/en-us/library/bb496429.aspx

QUESTION 33
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 nameConnected sites

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 Link3.
B. Create one SMTP site link between Site1 and Site3. Create one SMTP site link between Site1 and Site2.
C. Create one site link bridge.
D. Modify the cost of Link2.

Correct Answer: D
Section: [none]
Explanation

Explanation/Reference:

QUESTION 34
Your company has a main office and a branch office.

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

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

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

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

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

- Cache passwords for all of the members of Branch1Users.
- Prevent the caching of passwords for the members of Helpdesk.

What should you do?

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

Correct Answer: C
Section: [none]
Explanation

Explanation/Reference:
http://technet.microsoft.com/en-us/library/cc730883%28v=ws.10%29.aspx