Microsoft

Exam Questions 70-413
Designing and Implementing a Server Infrastructure
NEW QUESTION 1
HOTSPOT - (Topic 2)
You need to recommend a configuration for the DHCP infrastructure.
What should you recommend? To answer, select the appropriate options in the answer area.

Answer Area

Server on which to deploy the DHCP Server server role:

DHCP failover mode:

DHCP failover setting to configure:

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: DC02
DC02 is in New York site, which does not have a DHCP server, and it is a domain controller (which is required).
Not RAS01 as it is not a domain controller.
Not DC4 or RAS02 as they are located in Chicago, and the Chicago site already has a DHCP server.
Box 2: Host standby.
In Host standby mode only one of the servers actively leases IP addresses.
Not Load-Balanced as in this mode both DHCP servers answer client request, but according to scenario only one DHCP Server in each site must lease IP addresses at a given time.
Box 3: State switchover interval
For automatic state switchover to happen from communication interrupt to partner down state, you need to enable state switchover interval. If you don’t do that then you would need to manually transition primary server to partner down mode.
* Scenario:
• All of the DHCP Server server roles must be installed on a domain controller.
• Only one DHCP server in each site must lease IP addresses at any given time.

NEW QUESTION 2
- (Topic 3)
You need to recommend a change to the Active Directory environment to support the company’s planned changes.
What should you include in the recommendation?

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

Answer: A

Explanation:
* Scenario planned changes include: Implement the Active Directory Recycle Bin. The functional level of the domain and the forest is Windows Server 2008.
* To support the Active Directory Recycle Bin, the functional level of your AD LDS configuration set to Windows Server 2008 R2 or higher.
Incorrect:
Not C: All domain controllers, not just the ones with the PDC emulator role, must be upgraded to Windows Server 2012.
Not D: All domain controllers, not just the ones domain naming master role, must be upgraded to Windows Server 2012.

NEW QUESTION 3
- (Topic 4)
You need to recommend a solution for GPO1.
What is the best approach to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.

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

Answer: D

Explanation:
* Scenario:
The northwindtraders.com domain contains a Group Policy object (GPO) named GPO1. GPO1 is applied to all of the users in the Montreal office.
Apply GPO1 to all of the San Diego users.
* WMI Filter for Operating Systems. Example: Windows 8.1 64 bit
SELECT version FROM Win32_OperatingSystem WHERE Version LIKE "6.3%" AND ProductType = "1" AND OSArchitecture = "64-bit"

NEW QUESTION 4

DRAG DROP - (Topic 6)

You need to configure DNS for the Dublin office.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 5

- (Topic 7)
You need to limit the amount of disk space that is used on the client devices. Which Windows PowerShell cmdlet or cmdlets should you run?

A. Add-BCDataCacheExtension
B. Set-BCDataCacheEntryMaxAge

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NEW QUESTION 6
DRAG DROP - (Topic 7)
You need to design the DNS zone for App1. What should you do? To answer, drag the appropriate resource record to the correct DNS section. Each resource record may be used once, more than once, or not at all. You may need to drag split bar between panes or scroll to view content.

NEW QUESTION 7
- (Topic 9)
Your network contains an Active Directory domain named contoso.com. You currently have an intranet web site that is hosted by two Web servers named Web1 and Web2. Web1 and Web2 run Windows Server 2012. Users use the name intranet.contoso.com to request the web site and use DNS round robin. You plan to implement the Network Load Balancing (NLB) feature on Web1 and Web2. You need to recommend changes to the DNS records for the planned implementation. What should you recommend?

NEW QUESTION 8
- (Topic 9)
Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2012 R2. The network contains a System Center 2012 R2 Data Protection Manager (DPM) deployment. The domain contains six servers. The servers are configured as shown in the following table.
You install System Center 2012 R2 Virtual Machine Manager (VMM) on the nodes in Cluster2. You configure VMM to use a database in Cluster1. Server5 is the first node in the cluster. You need to back up the VMM encryption key. What should you back up?

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

Answer: A

NEW QUESTION 9
- (Topic 9)
Your company has a main office and three branch offices. The main office is located in North America. The branch offices are located in South America, Europe and Asia. You plan to design an Active Directory forest and domain infrastructure.

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

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

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

Answer: A

NEW QUESTION 10
- (Topic 9)
Your company plans to hire 100 sales representatives who will work remotely. Each sales representative will be given a laptop that will run Windows 7. A corporate image of Windows 7 will be applied to each laptop. While the laptops are connected to the corporate network, they will be joined to the domain. The sales representatives will not be local administrators. Once the laptops are configured, each laptop will be shipped by courier to a sales representative. The sales representative will use a VPN connection to connect to the corporate network. You need to recommend a solution to deploy the VPN settings for the sales representatives. The solution must meet the following requirements:
* Ensure that the VPN settings are the same for every sales representative.
* Ensure that when a user connects to the VPN, an application named App1 starts.

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

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

Answer: C

Explanation:
We can use CMAK to create a connection that starts the Application App1 when the connection is established. The latter is achieved through the configuring CMAK “Post-Connect” custom action.
Note : Connection Manager is a client network connection tool that allows a user to connect to a remote network, such as an Internet service provider (ISP), or a corporate network protected by a virtual private network (VPN) server.
The Connection Manager Administration Kit (CMAK) is a tool that you can use to customize the remote connection experience for users on your network by creating predefined connections to remote servers and networks. To create and customize a connection for your users, you use the CMAK wizard.
Incorrect:
Not B: The Add-VpnConnection cmdlet would be able to establish a connection, but it could not start the App1 application.

NEW QUESTION 11
- (Topic 9)
A company has a line-of-business application named App1 that runs on an internal IIS server App1 uses a SQL Server 2008 database that is hosted on the same server. You move the database to a dedicated SQL Server named SQL1. Users report that they can no longer access the application by using their domain credentials. You need to ensure that users can access App1.

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

A. Yes

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NEW QUESTION 12
- (Topic 9)
You have an IP address Management (IPAM) server that runs Windows Server 2012 SP1. You need to integrate the IPAM server with System center Virtual Machine Manager (SCVMM)
Solution: You add the IPAM server in SCVMM and specify the IPAM_svc user account as the RunAs account.
Does this meet the goal?
A. Yes
B. No

Answer: B

NEW QUESTION 13
- (Topic 9)
You are designing an Active Directory forest for a company named Contoso, Ltd. Contoso identifies the following administration requirements for the design:
? User account administration and Group Policy administration will be performed by network technicians. The technicians will be added to a group named OUAdmins.
? IT staff who are responsible for backing up servers will have user accounts that are members of the Backup Operators group in the domain.
? All user accounts will be located in an organizational unit (OU) named AllEmployees.
You run the Delegation of Control Wizard and assign the OUAdmins group full control to all of the objects in the AllEmployeesOU.
After delegating the required permissions, you discover that the user accounts of some of the IT staff have inconsistent permissions on the objects in AllEmployees.
You need to recommend a solution to ensure that the members of OUAdmins can manage all of the objects in AllEmployees.
What should you include in the recommendation?
A. Remove the IT staff user accounts from Backup Operators and place them in a new group
B. Grant the new group the Backup files and directories user right and the Restore files and directories user right
C. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
D. Create separate administrator user accounts for the technician
E. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
F. Run the Delegation of Control Wizard.
G. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
H. Run the Delegation of Control Wizard.
I. Move the user accounts of the technicians to a separate O
J. Enforce permission inheritance on all of the objects in the AllEmployeesOU.
K. Run the Delegation of Control Wizard on the AllEmployeesOU.

Answer: A

NEW QUESTION 14
- (Topic 9)
Assertion:
A company is implementing smart cards to authenticate users. Users must be able to self-provision their smart cards by using the One-Time Password (OTP) feature.
Reason:
You must configure a RADIUS server with software distribution tokens and ensure that communication ports are open, a shared secret has been created, user accounts corresponding to Active Directory Domain Services have been created on the RADIUS server, and the Remote Access server has been configured as a RADIUS authentication agent before you can configure he OTP support.
Evaluate the Assertion and Reason statements and choose the correct answer option.
A. Both the Assertion and Reason are true, and the Reason is the correct explanation for the Assertion,
B. Both the Assertion and Reason are true, but the Reason is not the correct explanation for the Assertion.
C. The Assertion is true, but the Reason is false.
D. The Assertion is false, but the Reason is true.
E. Both the Assertion and the Reason are false.

Answer: E

NEW QUESTION 15
- (Topic 9)
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.

Answer: D

Explanation:
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.

NEW QUESTION 16
- (Topic 9)
You network contains an Active Directory domain named adatum.com
You plan to implement Network Access protection (NAP) by using VPN enforcement. You need to recommend which Windows Server 2012 components must be deployed for the planned implementation.
Which two components should you include in the recommendation?

A. Health Registration Authority (HRA)
B. Network Policy Server (NPS)
C. Remote Access Server (RAS)
D. Active Directory Rights Management Services (AD RMS)
E. Host Credential Authorization Protocol (HCAP)

Answer: AB

NEW QUESTION 17
- (Topic 9)
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. Configure DHCP filtering.
B. Configure DHCP policies.
C. Create two physical subnet
D. Connect the laptop computers to the subnet that contains Server1.
E. Create two physical subnet
F. Configure 802.1X authentication for each subnet.

Answer: B

Explanation:
The DHCP Server role in Windows Server 2012 introduces a new feature that allows you to create IPv4 policies that specify custom IP address and option assignments for DHCP clients based on a set of conditions. The policy based assignment (PBA) feature allows you to group DHCP clients by specific attributes based on fields contained in the DHCP client request packet. PBA enables targeted administration and greater control of the configuration parameters delivered to network devices with DHCP.
Example: In a subnet which has a mix of wired and mobile computers, you might want to assign a shorter, 4 hour lease duration to mobile computers and longer, 4 day lease duration to wired computers.
Incorrect:
not A: DHCP filtering provides security by filtering untrusted DHCP messages. An untrusted message is a message that is received from outside the network or firewall, and that can cause traffic attacks within network.

NEW QUESTION 18
- (Topic 9)
Your network contains an Active Directory domain named contoso.com. The domain contains four servers on a test network. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Hyper-V</td>
</tr>
<tr>
<td>Server2</td>
<td>File and Storage Services</td>
</tr>
<tr>
<td>Server3</td>
<td>File and Storage Services</td>
</tr>
<tr>
<td>Server4</td>
<td>File and Storage Services</td>
</tr>
</tbody>
</table>

Server1 uses the storage shown in the following table.

<table>
<thead>
<tr>
<th>Drive name</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Locally attached IDE disk</td>
</tr>
<tr>
<td>D</td>
<td>Locally attached SCSI disk</td>
</tr>
<tr>
<td>E</td>
<td>Tiered storage space from locally attached SCSI and SSD drives</td>
</tr>
</tbody>
</table>

You perform the following tasks:
? On Server2, you create an advanced SMB share named Share2A and an applications SMB share named Share2B.
? On Server3, you create an advanced SMB share named Share3.
? On Server4, you create an applications SMB share named Share4.
? You add Server3 and Server4 to a new failover cluster named Clus1.
? On Clus1, you configure the File Server for general use role, you create a quick SMB share named Share5A, and then you create an applications SMB share named Share5B.
You plan to create a failover cluster of two virtual machines hosted on Server1. The clustered virtual machines will use shared .vhdx files.
You need to recommend a location to store the shared .vhdx files. Where should you recommend placing the virtual hard disk (VHD)?

A. \Server3\Share3
B. \Server2\Share2B
C. \Clus1\Share5B
D. \Server4\Share4

Answer: C

NEW QUESTION 19

DRAG DROP - (Topic 9)

Your network contains multiple servers that run Windows Server 2012. You plan to implement three virtual disks. The virtual disks will be configured as shown in the following table.

<table>
<thead>
<tr>
<th>Virtual disk name</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>VD1</td>
<td>Two-way mirror</td>
</tr>
<tr>
<td>VD2</td>
<td>Parity</td>
</tr>
<tr>
<td>VD3</td>
<td>Three-way mirror</td>
</tr>
</tbody>
</table>

You need to identify the minimum number of physical disks required for each virtual disk. How many disks should you identify?

To answer, drag the appropriate number of disks to the correct virtual disk in the answer area. Each number of disks 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:


They are not talking about Clusters, a single server only, so a standalone server.

NEW QUESTION 20

HOTSPOT - (Topic 9)

Your network contains an Active Directory forest named contoso.com. The forest contains one domain. All domain controllers run Windows Server 2012. The functional level of the forest and the domain is Windows Server 2012. The domain contains three domain controllers. The domain controllers are configured as shown in the following table.
In the forest, you plan to add a new domain controller that runs Windows Server 2012 R2. You need to prepare the environment before you add the new domain controller.

Which domain controllers must be available to run each command? To answer, select the appropriate domain controllers in the answer area.

**Answer Area**

- **Adprep /forestprep**
- **Adprep /domainprep**
- **Adprep /rodcprep**

**Answer Area**

- **Adprep /forestprep**
  - DC1
  - DC2
  - DC3

- **Adprep /domainprep**
  - DC1
  - DC2
  - DC3

- **Adprep /rodcprep**
  - DC1 and DC2
  - DC1 and DC3
  - DC2 and DC3

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**
* adprep /forestprep
  Must be run on the schema operations master for the forest (here DC1). Once for the entire forest

* adprep /domainprep
  Must be run on the infrastructure operations (DC2) master for the domain.

* adprep /rodcprep
  Can be run from any computer. This command performs operations remotely. For the operations to complete successfully, the domain naming operations master (DC1) for the forest and the infrastructure operations master (DC2) for each application directory partition and each domain partition must be accessible.

NEW QUESTION 21

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