Microsoft 70-412 Exam Questions & Answers

Exam Name: Configuring Advanced Windows Server 2012 Services

For Full Set of Questions please visit: http://www.certkiller.com/exam-70-412.htm
QUESTION 1
Your network contains an Active Directory domain named adatum.com. The domain contains a domain controller named DC1 that runs Windows Server 2012.

On DC1, you open DNS Manager as shown in the exhibit. (Click the Exhibit button.)

You need to change the zone type of the contoso.com zone from an Active Directory-integrated zone to a standard primary zone.

What should you do before you change the zone type?

A. Unsign the zone.
B. Modify the Zone Signing Key (ZSK).
C. Modify the Key Signing Key (KSK).
D. Change the Key Master.

Correct Answer: A

Explanation

Explanation/Reference:
Explanation:

QUESTION 2
You have a server named Server1 that runs Windows Server 2012. Server1 has the DNS Server server role installed.

You need to configure Server1 to resolve queries for single-label DNS names.

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

A. Run the Set-DNSServerGlobalNameZone cmdlet.
B. Modify the DNS suffix search list setting.
C. Modify the Primary DNS Suffix Devolution setting.
D. Create a zone named ".".
E. Create a zone named GlobalNames.
F. Run the Set-DNSServerRootHint cmdlet.

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
Explanation:

Open DNS Manager from Administrative Tools.
expand the DNS server, right-click “Forward Lookup Zones”, and choose “New Zone”
Click Next
Choose “Primary zone” (Store zone in Active Directory), click Next
Choose the Active Directory Zone Replication Scope. Click Next
On Zone Name, screen, enter “GlobalNames”, click Next
On Dynamic Update screen, choose “Do not allow dynamic updates”, click Next
Click Finish

QUESTION 3
You have a server named DC2 that runs Windows Server 2012. DC2 contains a DNS zone named adatum.com. 
The adatum.com zone is shown in the exhibit. (Click the Exhibit button.)

You need to configure DNS clients to perform DNSSEC validation for the adatum.com DNS domain.
What should you configure?
A. The Network Location settings
QUESTION 4
Your network contains two Active Directory forests named contoso.com and adatum.com. All of the domain controllers in both of the forests run Windows Server 2012. The adatum.com domain contains a file server named Servers.

Adatum.com has a one-way forest trust to contoso.com.

A contoso.com user name User10 attempts to access a shared folder on Servers and receives the error message shown in the exhibit. (Click the Exhibit button.)

You verify that the Authenticated Users group has Read permissions to the Data folder.

You need to ensure that User10 can read the contents of the Data folder on Server5 in the adatum.com domain.

What should you do?

A. Grant the Other Organization group Read permissions to the Data folder.
B. Modify the list of logon workstations of the contoso\User10 user account.
C. Enable the Netlogon Service (NP-In) firewall rule on Servers.
D. Modify the permissions on the Servers computer object in Active Directory.

Correct Answer: D
Section: (none)
Explanation

To resolve the issue, I had to open up AD Users and Computers --> enable Advanced Features --> Select the
Computer Object --> Properties --> Security --> Add the Group I want to allow access to the computer (in this case, DomainA\Domain users) and allow "Allowed to Authenticate". Once I did that, everything worked.

**QUESTION 5**

HOTSPOT

Your network contains an Active Directory domain named contoso.com. The domain contains two Active Directory sites named Site1 and Site2.

You discover that when the account of a user in Site1 is locked out, the user can still log on to the servers in Site2 for up to 15 minutes by using Remote Desktop Services (RDS).

You need to reduce the amount of time it takes to synchronize account lockout information across the domain.

Which attribute should you modify?

To answer, select the appropriate attribute in the answer area.
A. 
B. 
C. 
D. 

Correct Answer: 
Section: (none)  
Explanation

Explanation/Reference:  
"A Composite Solution With Just One Click" - Certification Guaranteed 8 Microsoft 70-412 Exam
QUESTION 6

You have a domain outside the forest named adatum.com.
You need to configure an access solution to meet the following requirements:

- Users in adatum.com must be able to access resources in contoso.com.
- Users in adatum.com must be prevented from accessing resources in fabrikam.com.
- Users in both contoso.com and fabrikam.com must be prevented from accessing resources in adatum.com.

What should you create?

A. A one-way external trust from contoso.com to adatum.com
B. A one-way realm trust from adatum.com to contoso.com
C. A one-way realm trust from contoso.com to adatum.com
D. A one-way external trust from adatum.com to contoso.com

Correct Answer: A

Explanation/Reference:
Explanation: You need to make trust relationship where domain contoso.com trusts adatum.com.

QUESTION 7
Your network contains an Active Directory domain named contoso.com. The domain contains a main office and a branch office. An Active Directory site exists for each office.

All domain controllers run Windows Server 2012. The domain contains two domain controllers.

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

<table>
<thead>
<tr>
<th>Site</th>
<th>Domain controller name</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>DC1</td>
<td>Writable domain controller</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Global catalog server</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DNS server</td>
</tr>
<tr>
<td>Branch</td>
<td>DC2</td>
<td>Read-only domain controller (RODC)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Global catalog server</td>
</tr>
</tbody>
</table>

DC1 hosts an Active Directory-integrated zone for contoso.com.

You add the DNS Server server role to DC2.

You discover that the contoso.com DNS zone fails to replicate to DC2.

You verify that the domain, schema, and configuration naming contexts replicate from DC1 to DC2.

You need to ensure that DC2 replicates the contoso.com zone by using Active Directory replication.

Which tool should you use?
QUESTION 8


The contoso.com domain contains a member server named Server1 that runs Windows Server 2012.

You install the Active Directory Domain Services server role on Server1.

You need to add Server1 as a new domain controller in the contoso.com domain.

What should you do?

A. Run the Active Directory Domain Services Configuration Wizard.
B. Run adprep.exe /domainprep, and then run dcpromo.exe.
C. Raise the functional level of the forest, and then run dcprono.exe.
D. Modify the Computer Name/Domain Changes properties.

Correct Answer: A

QUESTION 9

Your network contains an Active Directory domain named adatum.com. The domain contains two domain controllers that run Windows Server 2012. The domain controllers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Domain controller name</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC1</td>
<td>Domain controller</td>
</tr>
<tr>
<td>DC2</td>
<td>Read-only domain controller (RODC)</td>
</tr>
</tbody>
</table>
You log on to DC1 by using a user account that is a member of the Domain Admins group, and then you create a new user account named User1.

You need to prepopulate the password for User1 on DC2.

What should you do first?

What should you do first?

A. Connect to DC2 from Active Directory Users and Computers.
B. Add DC2 to the Allowed RODC Password Replication Policy group.
C. Add the User1 account to the Allowed RODC Password Replication Policy group.
D. Run Active Directory Users and Computers as a member of the Enterprise Admins group.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 10**
Your network contains two Active Directory forests named contoso.com and adatum.com. A two-way forest trust exists between the forests.

The contoso.com forest contains an enterprise certification authority (CA) named Server1.

You implement cross-forest certificate enrollment between the contoso.com forest and the adatum.com forest.

On Server1, you create a new certificate template named Template1.

You need to ensure that users in the adatum.com forest can request certificates that are based on Template1.

Which tool should you use?

A. DumpADO.ps1
B. Repadmin
C. Add-CATemplate
D. Certutil
E. PKISync.ps1

**Correct Answer: E**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 11**
You have a server named Server1 that has the Active Directory Certificate Services server role installed.

Server1 uses a hardware security module (HSM) to protect the private key of Server1.

You need to ensure that the Active Directory Certificate Services (AD CS) database, log files, and private key are backed up.

You perform regular backups of the HSM module by using a backup utility provided by the HSM manufacturer.
What else should you do?

A. Run the certutil.exe command and specify the -backupkey parameter.
B. Run the certutil.exe command and specify the -backupdb parameter.
C. Run the certutil.exe command and specify the -backup parameter.
D. Run the certutil.exe command and specify the -dump parameter.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12

The domain contains a domain controller named DC1 that is configured as an enterprise root certification authority (CA).

All users in the domain are issued a smart card and are required to log on to their domain-joined client computer by using their smart card.

A user named User1 resigned and started to work for a competing company.

You need to prevent User1 immediately from logging on to any computer in the domain. The solution must not prevent other users from logging on to the domain.

Which tool should you use?

A. Active Directory Sites and Services
B. Active Directory Administrative Center
C. Server Manager
D. Certificate Templates

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 13
You have a file server named Server1 that runs Windows Server 2012.

Data Deduplication is enabled on drive D of Server1.

You need to exclude D:\Folder1 from Data Deduplication.

What should you configure?

A. Disk Management in Computer Management
B. File and Storage Services in Server Manager
C. the classification rules in File Server Resource Manager (FSRM)
QUESTION 14
Your network contains an Active Directory domain named contoso.com. The network contains a file server
named Server1 that runs Windows Server 2012.

You create a folder named Folder1. You share Folder1 as Share1. The NTFS permissions on Folder1 are
shown in the Folder1 exhibit. (Click the Exhibit button.)

The Everyone group has the Full control Share permission to Folder1.

You configure a central access policy as shown in the Central Access Policy exhibit. (Click the Exhibit button.)
Members of the IT group report that they cannot modify the files in Folder1.

You need to ensure that the IT group members can modify the files in Folder1. The solution must use central access policies to control the permissions.

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

A. On the Classification tab of Folder1, set the classification to Information Technology.
B. On the Security tab of Folder1, add a conditional expression to the existing permission entry for the IT group.
C. On Share 1, assign the Change Share permission to the IT group.
D. On the Security tab of Folder1, remove the permission entry for the IT group.
E. On the Security tab of Folder1, assign the Modify permission to the Authenticated Users group.

**Correct Answer:** AD

**Section:** (none)

**Explanation/Reference:**

**Explanation:**

**QUESTION 15**
You have a DNS server named Server1 that runs Windows Server 2012. Server1 has a signed zone for contoso.com.

You need to configure DNS clients to perform DNSSEC validation for the contoso.com DNS domain.

What should you configure?

A. The Network Connection settings
B. A Name Resolution Policy
C. The Network Location settings
D. The DNS Client settings

**Correct Answer:** B

**Section:** (none)

**Explanation/Reference:**

**Explanation:**

**QUESTION 16**
Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 that runs Windows Server 2012.

On DC1, you open DNS Manager as shown in the exhibit. (Click the Exhibit button.)
You need to change the replication scope of the contoso.com zone.

What should you do before you change the replication scope?

A. Modify the Zone Transfers settings.
B. Add DC1 to the Name Servers list.
C. Add your user account to the Security settings of the zone.
D. Unsign the zone.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Explanation:

QUESTION 17
Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 and a member server named Server1. Server1 has the IP Address Management (IPAM) Server feature installed.

On DC1, you configure Windows Firewall to allow all of the necessary inbound ports for IPAM.

On Server1, you open Server Manager as shown in the exhibit. (Click the Exhibit button.)
You need to ensure that you can use IPAM on Server1 to manage DNS on DC1.

What should you do?

A. Modify the outbound firewall rules on Server1.
B. Modify the inbound firewall rules on Server1.
C. Add Server1 to the Remote Management Users group.
D. Add Server1 to the Event Log Readers group.

Correct Answer: D
Section: (none)
Explanation
QUESTION 18
You have a DHCP server named Server1. Server1 has an IP address 192.168.1.2 is located on a subnet that has a network ID of 192.168.1.0/24.

On Server1, you create the scopes shown in the following table.

<table>
<thead>
<tr>
<th>Scope name</th>
<th>Network ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scope1</td>
<td>192.168.1.0/24</td>
</tr>
<tr>
<td>Scope2</td>
<td>192.168.2.0/24</td>
</tr>
</tbody>
</table>

You need to ensure that Server1 can assign IP addresses from both scopes to the DHCP clients on the local subnet.

What should you create on Server1?

A. A scope
B. A superscope
C. A split-scope
D. A multicast scope

Correct Answer: B
Section: (none)
Explanation

QUESTION 19
You have a file server named FS1 that runs Windows Server 8.

Data Deduplication is enabled on FS1.

You need to configure Data Deduplication to run at a normal priority from 20:00 to 06:00 daily.

What should you configure?

A. File and Storage Services in Server Manager
B. The Data Deduplication process in Task Manager
C. Disk Management in Computer Management
D. The properties of drive C

Correct Answer: A
Section: (none)
Explanation

QUESTION 20
Your company has a main office and a branch office. An Active Directory site exists for each office.

In the main office, you configure Server1 as a file server that uses BranchCache.

In the branch office, you configure Server2 and Server3 as BranchCache hosted cache servers.

You are creating a Group Policy for the branch office site.

In the branch office, you need to configure the client computers that run Windows B to use Server2 and Server3 as BranchCache.

![Group Policy Management Editor](image)

A.
B.
C.
D.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:
QUESTION 21
Your network contains two Active Directory forests named contoso.com and fabrikam.com. A two-way forest trust exists between the forests.

The contoso.com forest contains an enterprise certification authority (CA) named CA1.

You implement cross-forest certificate enrollment between the contoso.com forest and the fabrikam.com forest.

On CA1, you create a new certificate template named Template1.

You need to ensure that users in the fabrikam.com forest can request certificates that are based on Template1.

Which tool should you use?

A. Sync-ADObject
B. Pkiview.msc
C. CertificateServices.ps1
D. Certutil
E. PKISync.ps1

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Your network contains an Active Directory domain named contoso.com. The domain contains two Active Directory sites named Site1 and Site2.

You need to configure the replication between the sites to occur by using change notification.
Which attribute should you modify?

A. 
B. 
C. 
D. 

Correct Answer: 
Section: (none) 
Explanation

Explanation/Reference: 
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QUESTION 23
Your network contains an Active Directory forest named adatum.com. The forest contains a single domain. The domain contains four servers. The servers are configured as shown in the following table.
You need to update the schema to support a domain controller that will run Windows Server 2012. On which server should you run adprep.exe?

A. DC1  
B. DC2  
C. DC3  
D. Server1

Correct Answer: C  
Section: (none)  
Explanation

Explanation/Reference:
Explanation:

**QUESTION 24**
You have a server named Server1 that runs Windows Server 2012 and is used for testing.

A developer at your company creates and installs an unsigned kernel-mode driver on Server1. The developer reports that Server1 will no longer start.

You need to ensure that the developer can test the new driver. The solution must minimize the amount of data loss.

Which Advanced Boot Option should you select?

A. Disable Driver Signature Enforcement  
B. Disable automatic restart on system failure  
C. Last Know Good Configuration (advanced)  
D. Repair Your Computer

Correct Answer: A  
Section: (none)  
Explanation

Explanation/Reference:
QUESTION 25
You have a server named Server 1 that runs Windows Server 2012. Server1 has five network adapters. Three of the network adapters are connected to a network named LAN1. The two other network adapters are connected to a network named LAN2. You create a network adapter team named Team1 from two of the adapters connected to LAN1. You create a network adapter team named Team2 from the two adapters connected to LAN2. A company policy states that all server IP addresses must be assigned by using a reserved address in DHCP. You need to identify how many DHCP reservations you must create for Server1. How many reservations should you identify?

A. 2
B. 3
C. 5
D. 7

Correct Answer: B

Explanation/Reference:
3 adapter on LAN 1
2 adapters on LAN 2
2 adapters on LAN 1 used in a team, so that's 3 - 2 leaving 1.
2 adapters on LAN 2 used in a team, so that's 2 - 2 leaving 0.
1 team on LAN 1 + 1 team on LAN 2 + remaining adapter on LAN 1 = 3.

QUESTION 26
Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named DC1 and a member server named Server1. Server1 has the IP Address Management (IPAM) Server feature installed. On DC1, you configure Windows Firewall to allow all of the necessary inbound ports for IPAM. On Server1, you open Server Manager as shown in the exhibit. (Click the Exhibit button.) You need to ensure that you can use IPAM on Server1 to manage DNS on DC1. What should you do?
A. Modify the outbound firewall rules on Server1.
B. Add Server1 to the Remote Management Users group.
C. Add Server1 to the Event Log Readers group.
D. Modify the inbound firewall rules on Server1.

**Correct Answer:** C
**Section:** (none)
**Explanation**

**Explanation/Reference:**
Since no exhibit, the guess here is it's not using the GPO to manage the Event Log Readers group—evidenced by the fact that the firewall was configured manually instead of with the GPO. If the GPO was being used then
the IPAM server would be in the Event Log Readers group due to restricted group settings in the GPO as shown below:

**IPAM_DNS**

Data collected on: 10/4/2012 8:24:21 AM

**Computer Configuration (Enabled)**

<table>
<thead>
<tr>
<th>Policies</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Security Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Restricted Groups</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group</td>
<td>Members</td>
<td>Member of</td>
</tr>
<tr>
<td>VDI\IPAMUG</td>
<td></td>
<td>BUILTIN\EventLog Readers</td>
</tr>
</tbody>
</table>

**Windows Firewall with Advanced Security**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Settings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inbound Rules</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connection Security Settings</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

In the above example, the IPAM server is as member of the VDI\IPAMUG group.

**QUESTION 27**

Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012. Server1 has the IP Address Management (IPAM) Server feature installed. IPAM is configured currently for Group Policy-based provisioning. You need to change the IPAM provisioning method on Server1. What should you do?

A. Run the ipamgc.exe command.
B. Run the Set-IPAMConfiguration cmdlet.
C. Reinstall the IP Address Management (IPAM) Server feature.
D. Delete IPAM Group Policy objects (GPOs) from the domain.

**Correct Answer:** C

**Section:** (none)

**Explanation/Reference:**

You cannot change the provisioning method after completing the initial setup.
QUESTION 28
Your network contains an Active Directory domain named contoso.com. The domain contains four servers. The servers are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server name</th>
<th>Configuration</th>
<th>IP address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Active Directory Domain Services (AD DS)</td>
<td>192.168.1.100</td>
</tr>
<tr>
<td>Server2</td>
<td>DHCP server, DNS server, File server</td>
<td>192.168.1.101</td>
</tr>
<tr>
<td>Server3</td>
<td>Web server</td>
<td>131.107.100.100</td>
</tr>
<tr>
<td>Server4</td>
<td>DNS server, Network Policy Server (NPS) server</td>
<td>131.107.100.101</td>
</tr>
</tbody>
</table>

You plan to deploy an enterprise certification authority (CA) on a server named Servers. Server5 will be used to issue certificates to domain-joined computers and workgroup computers. You need to identify which server you must use as the certificate revocation list (CRL) distribution point for Server5. Which server should you identify?

A. Server1  
B. Server3  
C. Server4  
D. Server2

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:
CRL is published to a web site

QUESTION 29
Your network contains three Active Directory forests. Each forest contains an Active Directory Rights Management Services (AD RMS) root cluster. All of the users in all of the forests must be able to access protected content from any of the forests. You need to identify the minimum number of AD RMS trusts required. How many trusts should you identify?

A. 1  
B. 2  
C. 3  
D. More than 3

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:
The minimum number of AD RMS trusts required is 2.
QUESTION 30
You have a server named File1 that runs Windows Server 2012. File1 has the File Server role service installed. You plan to back up all shared folders by using Microsoft Online Backup. You download and install the Microsoft Online Backup Service Agent on File1. You need to ensure that you use Windows Server Backup to back up data to Microsoft Online Backup. What should you do?

A. From Computer Management, add the File1 computer account to the Backup Operators group.
B. From the Services console, modify the Log On settings of the Microsoft Online Backup Service Agent.
C. From Windows Server Backup, run the Register Server Wizard.
D. From a command prompt, run wbadmin.exe enable backup.

Correct Answer: C

QUESTION 31
Your network contains an Active Directory domain named contoso.com. The domain contains three servers named Server1, Server2, and Server3 that run Windows Server 2012. All three servers have the Hyper-V server role installed and the Failover Clustering feature installed. Server1 and Server2 are nodes in a failover cluster named Cluster1. Several highly available virtual machines run on Cluster1. Cluster1 has the Hyper-V Replica Broker role installed. The Hyper-V Replica Broker currently runs on Server1. Server3 currently has no virtual machines. You need to configure Cluster1 to be a replica server for Server3 and Server3 to be a replica server for Cluster1. Which two tools should you use? (Each correct answer presents part of the solution. Choose two.)

A. The Hyper-V Manager console connected to Server3
B. The Hyper-V Manager console connected to Server2
C. The Failover Cluster Manager console connected to Cluster1
D. The Failover Cluster Manager console connected to Server3
E. The Hyper-V Manager console connected to Server1

Correct Answer: AC

QUESTION 32
Your network contains a server named Server1 that runs Windows Server 2012. Server1 has the Hyper-V server role installed. Server1 hosts 10 virtual machines that run Windows Server 2012. You add a new server
named Server2. Server2 has faster hard disk drives, more RAM, and a different processor manufacturer than Server1. You need to move all of the virtual machines from Server1 to Server2. The solution must minimize downtime. What should you do for each virtual machine?

A. Perform a quick migration.
B. Perform a storage migration.
C. Export the virtual machines from Server1 and import the virtual machines to Server2.
D. Perform a live migration.

**Correct Answer: C**

**Explanation**
The different processor manufacturer is the key here. Storage, Live, and Quick all require same manufacturer.

**QUESTION 33**
Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2. All servers run Windows Server 2012. Server1 and Server2 have the Failover Clustering feature installed. The servers are configured as nodes in a failover cluster named Cluster1. You add two additional nodes to Cluster1. You have a folder named Folder1 on Server1 that contains application data. You plan to provide continuously available access to Folder1. You need to ensure that all of the nodes in Cluster1 can actively respond to the client requests for Folder1. What should you configure?

A. Affinity - None
B. Affinity - Single
C. The cluster quorum settings
D. The failover settings
E. A file server for general use
F. The Handling priority
G. The host priority
H. Live migration
I. The possible owner
J. The preferred owner
K. Quick migration
L. The Scale-Out File Server

**Correct Answer: L**

**Explanation**

Scale-Out File Server for application data (Scale-Out File Server) This clustered file server is introduced in Windows Server 2012 and lets you store server application data, such as Hyper-V virtual machine files, on file shares, and obtain a similar level of reliability, availability, manageability, and high performance that you would expect from a storage area network. All file shares are online on all nodes simultaneously. File shares associated with this type of clustered file server are called scale-out file shares. This is sometimes referred to as active-active.

**QUESTION 34**
Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2. All servers run Windows Server 2012. Server1 and Server2 have the Failover Clustering feature installed. The servers are configured as nodes in a failover cluster named Cluster1.
Cluster1 hosts an application named Appl. You need to ensure that Server2 handles all of the client requests to the cluster for Appl. The solution must ensure that if Server2 fails, Server1 becomes the active node for Appl. What should you configure?

A. Affinity - None  
B. Affinity - Single  
C. The cluster quorum settings  
D. The failover settings  
E. A file server for general use  
F. The Handling priority  
G. The host priority  
H. Live migration  
I. The possible owner  
J. The preferred owner  
K. Quick migration  
L. The Scale-Out File Server

Correct Answer: J  

Explanation/Reference:  

The preferred owner in a 2 server cluster will always be the active node unless it is down.

QUESTION 35  
Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2. Both servers have the IP Address Management (IPAM) Server feature installed. You have a support technician named Tech1. Tech1 is a member of the IPAM Administrators group on Server1 and Server2. You need to ensure that Tech1 can use Server Manager on Server1 to manage IPAM on Server2. To which group on Server2 should you add Tech1? To answer, select the appropriate group in the answer area.

Hot Area:
Correct Answer:
If you are accessing the IPAM server remotely using Server Manager, then you must be a member of the WinRMRemoteWMIUsers group in addition to being a member of the appropriate IPAM security group (Administrators group).

Both WinRMRemoteWMIUsers_ and Remote Management Users have the exact same description. As such, I tested connecting with server manager remotely with a non-administrative account. I tried before adding to
either group and got this error:

Online - Access denied

I then added to Remote Management Users and got this error:

Online - Data retrieval failures occurred

--Note that this is due to access to the event log only.

Next I removed from Remote Management Users and added to WinRMRemoteWMIUsers_ and got this error:

Online - Data retrieval failures occurred

The error is exactly the same and the explanation is due to event log.

In summary, Either one of these answers is correct, however since the document explicitly says use the “WinRMRemoteWMIUsers_” group, then that’s what we gotta do.

QUESTION 36

Your network contains an Active Directory domain named contoso.com. The domain contains an enterprise certification authority (CA). The domain contains a server named Server1 that runs Windows Server 2012. You install the Active Directory Federation Services server role on Server1. You plan to configure Server1 as an Active Directory Federation Services (AD FS) server. The Federation Service name will be set to adfs1.contoso.com. You need to identify which type of certificate template you must use to request a certificate for AD FS. Which certificate template should you identify? To answer, select the appropriate template in the answer area.

Hot Area:
Correct Answer:

### Active Directory Enrollment Policy

<table>
<thead>
<tr>
<th>Certificate Type</th>
<th>Status</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer</td>
<td>Available</td>
<td></td>
</tr>
<tr>
<td>Domain Controller Authentication</td>
<td>Available</td>
<td></td>
</tr>
<tr>
<td>Kerberos Authentication</td>
<td>Available</td>
<td></td>
</tr>
<tr>
<td>Web Server</td>
<td>Available</td>
<td></td>
</tr>
</tbody>
</table>

More information is required to enroll for this certificate. Click here to configure settings.

- Show all templates
- Learn more about certificates
QUESTION 37
You have a server named Server2 that runs Windows Server 2012. You have storage provisioned on Server2 as shown in the exhibit. (Click the Exhibit button.) You need to configure the storage so that it appears in Windows Explorer as a drive letter on Server1. Which three actions should you perform in sequence? 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:
<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>On Server1, create a new volume from Server Manager.</td>
<td></td>
</tr>
<tr>
<td>On Server2, configure the iSCSI initiator to connect to target1.</td>
<td></td>
</tr>
<tr>
<td>On Server1, configure the iSCSI initiator to connect to target1.</td>
<td></td>
</tr>
<tr>
<td>On Server2, create a new volume from Server Manager.</td>
<td></td>
</tr>
<tr>
<td>On Server1, add an iSCSI initiator ID to target1.</td>
<td></td>
</tr>
<tr>
<td>On Server2, add an iSCSI initiator ID to target1.</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>On Server2, add an iSCSI initiator ID to target1.</td>
<td></td>
</tr>
<tr>
<td>On Server1, configure the iSCSI initiator to connect to target1.</td>
<td></td>
</tr>
<tr>
<td>On Server1, create a new volume from Server Manager.</td>
<td></td>
</tr>
<tr>
<td>On Server1, add an iSCSI initiator ID to target1.</td>
<td></td>
</tr>
</tbody>
</table>
QUESTION 38
Your network contains an Active Directory domain named contoso.com. The domain contains a file server named Server1. All servers run Windows Server 2012. All domain user accounts have the Division attribute automatically populated as part of the user provisioning process. The Support for Dynamic Access Control and Kerberos armor policy is enabled for the domain. You need to control access to the file shares on Server1 based on the values in the Division attribute and the Division resource property. Which three actions should you perform in sequence? 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:

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>On the shared folders, set the classification value.</td>
<td></td>
</tr>
<tr>
<td>From Active Directory Administrative Center, create a claim type.</td>
<td></td>
</tr>
<tr>
<td>From Active Directory Users and Computers, configure the Delegation settings of Server1.</td>
<td></td>
</tr>
<tr>
<td>From Active Directory Administrative Center, create a reference resource property.</td>
<td></td>
</tr>
<tr>
<td>From Active Directory Administrative Center, create a resource property list.</td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer:
QUESTION 39

Your network contains an Active Directory domain named contoso.com. The domain contains a main office and a branch office. An Active Directory site exists for each office. The domain contains two servers named Server1 and Server2 that run Windows Server 2012. Both servers have the DHCP Server server role installed. Server1 is located in the main office site. Server2 is located in the branch office site. Server1 provides IPv4 addresses to the client computers in the main office site. Server2 provides IPv4 addresses to the client computers in the branch office site. You need to ensure that if either Server1 or Server2 are offline, the client computers can still obtain IPv4 addresses. The solution must meet the following requirements:

- The storage location of the DHCP databases must not be a single point of failure.
- Server1 must provide IPv4 addresses to the client computers in the branch office site only if Server2 is offline.
- Server2 must provide IPv4 addresses to the client computers in the main office site only if Server1 is offline.

Which configuration should you use?

A. Load sharing mode failover partners
B. Hot standby mode failover partners
C. A Network Load Balancing (NLB) cluster
D. A failover cluster

Correct Answer: B
QUESTION 40
Your network contains an Active Directory domain named contoso.com. The domain contains a server named Server1 that runs Windows Server 2012. Server1 has the Active Directory Certificate Services server role installed and is configured as an enterprise certification authority (CA). You need to ensure that all of the users in the domain are issued a certificate that can be used for the following purposes:
- Email security
- Client authentication
- Encrypting File System (EFS)
Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Modify the properties of the User certificate template, and then publish the template.
B. From a Group Policy, configure the Certificate Services Client - Certificate Enrollment Policy settings.
C. From a Group Policy, configure the Automatic Certificate Request Settings settings.
D. Duplicate the User certificate template, and then publish the template.
E. From a Group Policy, configure the Certificate Services Client - Auto-Enrollment settings.

Correct Answer: DE

Explanation/Reference:
The default user template supports all of the requirements EXCEPT autoenroll as shown below:

<table>
<thead>
<tr>
<th>Permissions for Authenticated Users</th>
<th>Allow</th>
<th>Deny</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Control</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Read</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>Write</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Enroll</td>
<td>☐</td>
<td>☑</td>
</tr>
</tbody>
</table>

For special permissions or advanced settings, click Advanced.

However a duplicated template from users has the ability to autoenroll:

<table>
<thead>
<tr>
<th>Permissions for Authenticated Users</th>
<th>Allow</th>
<th>Deny</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Control</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Read</td>
<td>☑</td>
<td>☐</td>
</tr>
<tr>
<td>Write</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Enroll</td>
<td>☐</td>
<td>☑</td>
</tr>
<tr>
<td>Autoenroll</td>
<td>☑</td>
<td>☐</td>
</tr>
</tbody>
</table>

The Automatic Certificate Request Settings GPO setting is only available to Computer, not user.

QUESTION 41
Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2. Both servers have the Hyper-V server role installed. You plan to replicate virtual
machines between Server1 and Server2. The replication will be encrypted by using Secure Sockets Layer (SSL). You need to request a certificate on Server1 to ensure that the virtual machine replication is encrypted. Which two intended purposes should the certificate for Server1 contain? (Each correct answer presents part of the solution. Choose two.)

A. Server Authentication  
B. KDC Authentication  
C. Kernel Mode Code Signing  
D. IP Security end system  
E. Client Authentication  

Correct Answer: AE  

Explanation/Reference:  
http://blogs.technet.com/b/virtualization/archive/2012/03/13/hyper-v-replica-certificate-requirements.aspx

**Replica Server Certificate Requirements**

To enable a server to receive replication traffic, the certificate in the replica server must meet the following conditions:

- **Enhanced Key Usage** must support both **Client and Server authentication**.
- Set the Subject field or the Subject Alternative Name using one of the following methods:
  - For a SAN certificate, set the Subject Alternative Name's DNS Name to the replica server name (e.g.: `replica1.contoso.com`). If the replica server is part of cluster, the Subject Alternative Name of the certificate must contain the replica server name *and* FQDN of the HVR Broker (install this certificate on all the nodes of the cluster.)

**QUESTION 42**

Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2 that run Windows Server 2012. Both servers have the Hyper-V server role installed. The network contains an enterprise certification authority (CA). All servers are enrolled automatically for a certificate-based on the Computer certificate template. On Server1, you have a virtual machine named VM1. VM1 is replicated to Server2. You need to encrypt the replication of VM1. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. On Server1, modify the settings of VM1.  
B. On Server2, modify the settings of the virtual switch to which VM1 is connected.  
C. On Server1, modify the Hyper-V Settings.  
D. On Server1, modify the settings of the virtual switch to which VM1 is connected.  
E. On Server2, modify the settings of VM1.  
F. On Server2, modify the Hyper-V Settings.  

Correct Answer: AF  

Explanation/Reference:  
Once you change the Hyper-V Settings of Server 2 to encrypt replications with a certificate, you then need to change the replication information of VM1 to use the secure connection.

**QUESTION 43**
Your network contains an Active Directory domain named contoso.com. The domain contains a file server named Server1 that runs Windows Server 2012. You create a user account named User1 in the domain. You need to ensure that User1 can use Windows Server Backup to back up Server1. The solution must minimize the number of administrative rights assigned to User1. What should you do?

A. Assign User1 the Back up files and directories user right.
B. Add User1 to the Backup Operators group.
C. Add User1 to the Power Users group.
D. Assign User1 the Back up files and directories user right and the Restore files and directories user right.

Correct Answer: A

Explanation/Reference:
Backup Operators have these permissions by default:

- **Back up files and directories**
  - Administrators, Backup Operators
- **Restore files and directories**
  - Administrators, Backup Operators
- **Shut down the system**
  - Administrators, Backup Operators

However, the question explicitly says we need to minimize administrative rights. Since the requirement is for backing up the data only—no requirement to restore or shutdown—then assigning the "Back up files and directories user right" would be the correct answer.

QUESTION 44
Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2. All servers run Windows Server 2012. Server1 and Server2 have the Failover Clustering feature installed. The servers are configured as nodes in a failover cluster named Cluster1. You add two additional nodes to Cluster1. You need to ensure that Cluster1 stops running if three nodes fail. What should you configure?

A. Affinity - None
B. Affinity - Single
C. The cluster quorum settings
D. The failover settings
E. A file server for general use
F. The Handling priority
G. The host priority
H. Live migration
I. The possible owner
Your network contains an Active Directory domain named contoso.com. The domain contains two member servers named Server1 and Server2. All servers run Windows Server 2012. Server1 and Server2 have the Failover Clustering feature installed. The servers are configured as nodes in a failover cluster named Cluster1. You add two additional nodes in Cluster1. You have a folder named Folder1 on Server1 that hosts application data. Folder1 is a folder target in a Distributed File System (DFS) namespace. You need to provide highly available access to Folder1. The solution must support DFS Replication to Folder1. What should you configure?

A. Affinity - None
B. Affinity - Single
C. The cluster quorum settings
D. The failover settings
E. A file server for general use
F. The Handling priority
G. The host priority
H. Live migration
I. The possible owner
J. The preferred owner
K. Quick migration
L. The Scale-Out File Server

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
QUESTION 46
you are employee as a network administrator at abc.com. ABC.com has an active directory domain named ABC.com All servers on the abc.com network have windows server 2012 installed and all workstations have windows 8 enterprise installed.
abc.com has established a remote Active directory site that only host workstations. The Computer accounts for these workstations have been placed in an organizational unit (OU), named ABCADRemote, which has a group policy object (GPO) associated with it.
You are in the process of configuration Branchcache for the remote Active directory site. You have Already turned Branchcache on.
Which of the following actions should you take next?

A. You Should consider having the set Branchcache HostedServer Cache mode setting configured
B. You Should consider having the set Branchcache Hostedclient Cache mode setting configured
C. You Should consider having the set Branchcache distributed cache mode setting configured
D. You should consider having the set BranchCache disabled cache mode settings configured

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
You are employed as a network administrator at ABC.com ABC.com has an active directory domain named ABC.com ALL servers on the ABC.com network have windows server 2012.
ABC.com has a server, named server 1, which runs the windows deployment services server role. You make use of windows server backup to back up server 1.
Subsequent to a disk array on server 1 becoming corrupt, you swap the disk array with new hardware. You now need to recover server 1 in the shortest time conceivable.
which of the following actions should you take?

A. you should consider making use of the windows server 2012 installation media to start server 1
B. you should consider restoring server 1 from a snapshot backup
C. you should consider restoring server 1 from an incremental backup  
D. you should consider restoring server 1 from a differential backup  

Correct Answer: A  
Section: (none)  
Explanation

QUESTION 48  
You are employed as a network administrator ABC.com ABC.com has an active directory domain named ABC.com. All servers on the ABC.com network have Windows Server 2012 installed. ABC.com has a server, named server1, which is configured as a DHCP server. You have created a superscope on server1.  
Which of the following describes reason for creating a superscope? (Choose all that apply.)  
A. To support DHCP clients on a single physical network segment where multiple logical IP networks are used.  
B. To allow for the sending of network traffic to a group of endpoints.  
C. To support remote DHCP clients located on the far side of DHCP and BOOTP relay agents.  
D. To provide fault tolerance  

Correct Answer: AC  
Section: (none)  
Explanation

QUESTION 49  
You are employed as a network administrator at ABC.com. ABC.com has an active directory domain named ABC.com. All servers including domain controllers on the ABC.com network have Windows Server 2012 installed. ABC.com has its headquarters in London and an office in Paris. The London office has a domain controller named server1, which is configured as a writeable domain controller that servers as a Global catalog server and a DNS server. Server1 is configured to host an Active Directory-integrated zone for ABC.com. The Paris office has a Read-Only domain controller (RODC) named server2 which servers as a Global catalog server. After installing the DNS server role on server2, you want to make sure that the ABC.com zone is replicated to server2 via Active Directory replication. Which of the following actions should you take?  
A. You should consider making use of Active Directory Sites and Services to configure replication.  
B. You should consider making use of replmon.exe to configure replication.  
C. You should consider making use of repadmin.exe to configure replication.  
D. You should consider making use of Active Directory Schema to configure replication.  

Correct Answer: A  
Section: (none)  
Explanation

QUESTION 50  
You are employed as a network administrator at ABC.com. ABC.com has an Active Directory domain named. ABC.com. All servers on the ABC.com network have Windows Server 2012.
You are running a training exercise for junior network administrators. You are currently discussing DHCP failover architecture. You have informed the trainees that DHCP servers can be deployed as failover partners in either hot standby mode or load sharing mode. Which of the following is TRUE with regards to hot standby mode? (Choose all that apply)

A. It is when two servers function in a failover relationship where an active server is responsible for leasing IP address and configuration data to all clients in a scope or subnet
B. It when two servers in a failover relationship server IP addresses and options to clients on a given subnet at the same time
C. It is best suited to deployments where a data center server acts as a standby backup server to a server at a remote site
D. It is best suited deployments where both servers in a failover relationship are located at the same physical site

Correct Answer: AC

Explanation/Reference:

QUESTION 51
You are employed as a network administrator at ABC.com. ABC.com has an Active Directory domain named ABC.com. All servers on the ABC.com network have Windows Server 2012 installed. ABC.com has a server named SERVER1 which has been configured to run the Hyper-V server role. Server1 is configured to host multiple virtual machines. When ABC.com acquires a server with a better hardware configuration to SERVER1 you are instructed to relocate the virtual machines to the new server with as little interruptions as possible. Which of the following actions should you take? (Choose all that apply.)

A. You should consider exporting the virtual machines from Server1.
B. You should consider running a snapshot backup of the SERVER1.
C. You should consider importing the virtual machine from Server1 to the new server.
D. You should consider restoring the snapshot backup on the hard drives of the new server.

Correct Answer: AC

Explanation/Reference:

QUESTION 52
You are employed as a network administrator at contoso.com. Contoso.com has an Active Directory domain named contoso.com. All servers on the contoso.com network have Windows Server 2012 installed. A contoso.com server, named Server1, hosts the Active Directory Certificate Services Server role and utilizes a hardware security module (HSM) to safeguard its private key. You have been instructed to backup the Active Directory Certificate Services (ADCS) database, log files, and private key regularly. You should not use a utility supplied by the hardware security module (HSM) creator. Which of the following actions should you take?

A. You should consider scheduling an incremental backup
B. You should consider making use of the certutil.exe command.

Correct Answer: AC

Explanation/Reference:
C. You should consider scheduling a differential backup
D. You should consider scheduling a copy backup

Correct Answer: B
Section: (none)
Explanation

QUESTION 53
You are employed as a senior network administrator at contoso.com. Contoso.com has an active directory domain named contoso.com. All servers on the contoso.com network have Windows Server 2012 installed.

You are currently running a training exercise for junior network administrators. You are discussing the DNSSEC NRPT rule properly. Which of the following describes the purpose of this rule property?

A. It is used to indicate the namespace to which the policy applies.
B. It is used to indicate whether the DNS client should check for DNSSEC validation in the response.
C. It is used to indicate DNSSEC must be used to protect DNS traffic for queries belonging to the namespace.
D. It is used to whether DNS connections over DNSSEC will use encryption

Correct Answer: A
Section: (none)
Explanation

QUESTION 54
You are employed as a senior network administrator at contoso.com. Contoso.com has a single Active Directory Domain named contoso.com. All servers on the contoso.com network have Windows Server 2012 installed.

You are running a training exercise for junior network administrators. You are currently discussing the Dnslist.exe tool.

Which of the following should this tool be used for? (Choose all that apply)

A. To help diagnose common DNS name resolution issues
B. For developing scripts for configuring a DNS server
C. To administer the DNS server Service.
D. To look for specific DNS record set and sure that they are consistent across multiple DNS servers.
E. To verify that DNS records used specifically for Active Directory replication are correct
F. To create and delete zones and resource records.

Correct Answer: ACE
Section: (none)
Explanation

QUESTION 55
You are employed as a senior network administrator at ABC.com. ABC.com has an Active Directory domain named ABC.com. All servers on the ABC.com network have Windows Server 2012 installed.
You are currently running a training exercise for junior network administrators. You are discussing the endpoint types supported by Active Directory Federation Services (AD FS)
Which of the following are supported types? (Choose all that apply)

A. SAML WebSSO
B. Anonymous
C. WS-Federation Passive
D. Client Certificate
E. WS-Trust

Correct Answer: ACE

QUESTION 56

You are employed as a senior network administrator at ABC.com. ABC.com has an Active Directory domain named ABC.com. All servers on the ABC.com network have Windows Server 2012 installed. ABC.com has two servers, named SERVER1 and SERVER2 which are configured in a two-node failover cluster. SERVER1 includes a folder, named ABCAppData, which is configured as a Distributed File System (DFS) name space folder target. After configuring another two nodes in the failover cluster, you are instructed to make sure that access to ABCAppData is highly available. You also have to make sure that application data is replicated to ABCAppData via DFS replication.

Which following actions should you take?

A. You should consider configuring a scale-out File Server
B. You should consider configuring the replication settings for the cluster
C. You should consider configuring a file server for general use
D. You should consider configuring the Quorum settings

Correct Answer:

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