Microsoft

Exam Questions 70-741

Networking with Windows Server 2016
NEW QUESTION 1
You have a server named Server1 that runs Windows Server 2016 and is configured as a domain controller.
You install the DNS Server server role on Server1.
You plan to store a DNS zone in a custom Active Directory partition. You need to create a new Active Directory partition for the zone. What should you use?

A. Set-DnsServer
B. DNS Manager
C. New-ADObject
D. Ntdsutil.exe
E. Active Directory Sites and Services

Answer: B

Explanation: References:
https://www.businessnewsdaily.com/11019-set-up-configure-dns-on-windows-server-2016.html

NEW QUESTION 2
You deploy a virtual machine that runs Windows Server 2016, and you install the Network Controller server role.
You need to configure the virtual machine as the network controller. What should you do?

A. Run the Install-NetworkControllerCluster cmdlet and set ClientAuthentication to X509.
B. Run the Install-NetworkController cmdlet and set ClientAuthentication to None.
C. Run the Install-NetworkControllerCluster cmdlet and set ClientAuthentication to None.
D. Run the Install-NetworkController cmdlet and set ClientAuthentication to Kerberos.

Answer: D

Explanation: References: https://github.com/MicrosoftDocs/windowsserverdocs/blob/master/WindowsServerDocs/networking/SDN/deploy

NEW QUESTION 3
You have a DNS server named Server1.
The forwarders are configured as shown in the Forwarders exhibit. (Click the Exhibit button.)
The Advanced Settings are configured as shown in the Advanced exhibit. (Click the Exhibit button.)
The Root Hints are configured as shown in the Root Hints exhibit. (Click the Exhibit button.)

Server1 does not contain any DNS zones.
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NEW QUESTION 4
Your network contains an Active Directory domain named contoso.com. The Functional level of the forest and the domain is Windows Server 2008 R2. All servers in the domain run Windows server 2016 standard. The domain contains 100 client computers that run either Windows 8.1 or Windows 10. The domain contains nine servers that are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Server Name</th>
<th>Configuration</th>
<th>Planned Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Server1</td>
<td>Domain controller</td>
<td>None</td>
</tr>
<tr>
<td>Server2</td>
<td>File server</td>
<td>Run Failover Clustering and Storage Spaces Direct</td>
</tr>
<tr>
<td>Server3</td>
<td>File server</td>
<td>Run Failover Clustering and Storage Spaces Direct</td>
</tr>
</tbody>
</table>

Answer:

Explanation:  

Recursion is disabled so internet hosts cannot be resolved. The recursive test fails because recursion is disabled. Server1 is not configured as a root server. The forwarders list would be greyed out if it was.

NEW QUESTION 5
You have a DHCP server named Server1 that runs Windows Server 2016. You have a single IP subnet. Server1 has an IPv4 scope named Scope1. Scope1 has an IP address range of 10.0.1.10 to 10.0.1.200 and a length of 24 bits. You need to create a second logical IP network on the subnet. The subnet will use an IP address range of 10.1.2.10 to 10.0.2.200 and a length of 24 bits. What should you do?

A. Create a second scope, and then create a superscope.
B. Create a superscope, and then configure an exclusion range in Scope1.
C. Create a new scope, and then modify the IPv4 bindings.
D. Create a second scope, and then run the DHCP Split-Scope Configuration Wizard.

Answer: A

NEW QUESTION 6
You install the DHCP Server role on a server1. You create a new scope on Server1. The scope properties are configured as shown in the following exhibit.

Use the drop down menus to select the answer choice that completes each statement based on the information presented in the graphics.

Answer:

Explanation:
NEW QUESTION 7
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a server named Server1 that runs Windows Server 2016. Server1 is configured as a VPN server. Server1 is configured to allow domain users to establish VPN connections from 06:00 to 18:00 everyday of the week.

You need to ensure that domain users can establish VPN connections only between Monday and Friday. Solution: From Network Policy Server, you modify the Network Policies on Server1.

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 8
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.


Users report that their client computers fail to obtain an IP address.

You open the DHCP console as shown in the Exhibit. (Click the Exhibit button.)

Scope1 has an address range of 172.16.0.10 to 172.16.0.100 and a prefix length of 23 bits.

You need to ensure that all of the client computers on the network can obtain an IP address from Server2. Solution: You run the Set-DhcpServerv4MulticastScope cmdlet.

Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 9
You have a server named Host1 that runs Windows Server 2016.

You configure Host1 as a virtualization host and create 20 new virtual machines on Host1. You need to ensure that all of the virtual machines can connect to the Internet through Host1.

Which three actions should you perform? Each correct answer presents part of the solution.

A. On a virtual machine, install the Remote Access server role.
B. From the properties of each virtual machine, enable virtual LAN identification.

Answer: B
C. From the properties of each virtual machine, connect to the virtual machine switch.
D. On Host1, configure the network address translation (NAT) network.
E. On Host1, create an internal virtual machine switch and specify an IP address for the switch.

Answer: CDE


NEW QUESTION 10
Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2016. Server1 has Microsoft System Center 2016 Virtual Machine Manager (VMM) installed. Server2 has IP Address Management (IPAM) installed. You create a domain user named User1. You need to integrate IPAM and VMM. VMM must use the account of User1 to manage IPAM. The solution must use the principle of least privilege. What should you do on each server? To answer, select the appropriate options in the answer area.

Answer:

Explanation: On Server1: Create a Run As Account that uses User1.

NEW QUESTION 11
Refer to Exhibit:

\server1.adatum.com
namespace1 has a folder target named Folder1. A user named User1 has Full Control share and NTFS permissions to Folder1. Folder1 contains a file named File1.doc. User1 has only Write NTFS permissions to File1.doc. Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NEW QUESTION 12
You have an Active Directory forest that contains 30 servers and 6,000 Client computers. You deploy a new DHCP server that runs Windows Server 2016. You need to retrieve the list of the authorized DHCP servers. Which command should you run?

A. Get-DHCPServerDatabase
B. Netstat -p IP -s -a
C. Get-DHCPServerInDc
D. Show-ADAuthenticationPolicyExpression -AllowedToAuthenticateTo

Answer: C

Explanation: To get all authorized DHCP servers in Active Directory, you can use the following PowerShell cmdlet:
Get-DhcpServerInDc

NEW QUESTION 13
You have an IP Address Management (IPAM) server named Server1 that runs Windows Server 2016. You have five DHCP servers. Server1 manages all of the DHCP servers.
On Server1, an administrator uses Purge Event Catalog Data to remove all of the events from the last 30 days. You need to view all of the lease requests that were denied during the last two days. What should you do?

A. Get-DHCPClientLease
B. Netstat -p IP -s -a
C. Get-DHCPClientInDc
D. Show-ADAuthenticationPolicyExpression -AllowedToAuthenticateTo

Answer: A

Explanation: To view all denied lease requests during the last two days, you can use the following PowerShell cmdlet:
Get-DHCPClientLease -Filter "reason = 'denied' and startDateTime > (get-date).adddays(-2)"
A. On each DHCP server, run the \Microsoft\Windows\Server Manager\CleanupOldPerfLogs scheduled task, and then review the event catalog on Server1.
B. On Server1, run the Purge Event Catalog Data action and then open Event Viewer on Server1.
C. Review the log data in C:\Windows\System32\ipam\Database on Server1.
D. On each DHCP server, review the DHCP Server operational event log.

Answer: C

NEW QUESTION 14
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You network contains an Active Directory domain named contoso.com. The domain contains a DHCP server named Server2 that runs Windows Server 2016. Users report that their client computers fail to obtain an IP address.

You open the DHCP console as shown in the Exhibit. (Click the exhibit button.)

Scope1 has an address range of 172.16.0.10 to 172.16.0.100 and a prefix length of 23 bits.
You need to ensure that all of the client computers on the network can obtain an IP address from Server2. Solution: You run the Reconcile-DhcpServerv4IPRecord cmdlet.

Does this meet the goal?

A. Yes
B. No

Answer: B

dmlt.

NEW QUESTION 15
Your network is configured as shown in the network diagram.
NEW QUESTION 16
You plan to deploy several Hyper-V hosts that run Windows Server 2016. The deployment will use Software defined Networking (SDN) and VXLAN. Which server role should you install on the network to support the planned deployment?

A. Network Controller  
B. Network Policy and Access Services  
C. Remote Access  
D. Host Guardian Service

Answer: A

NEW QUESTION 17
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named adatum.com. The domain contains two DHCP servers named Server1 and Server2. Server1 has the following IP configuration.

PS C:\> Get-DhcpServerv4Scope -fl ScopeId, SubnetMask, StartRange, EndRange, ActivatePolicies ; Get-DhcpServerSetting

ScopeId : 172.16.0.0
SubnetMask : 255.255.0.0
StartRange : 172.16.0.20
EndRange : 172.16.0.100
ActivatePolicies : True
IsDomainJoined : True
IsAuthorized : False
DynamicDhcp : True
RestoreStatus : False
ConflictDetectionAttempts : 0
NpsUnreachableAction : Full
MapEnabled : False
ActivatePolicies : True
Server 2 has the following IP configuration.

```
PS C:\> Get-DhcpServerv4Scope | fl ScopeId, SubnetMask, StartRange, EndRange, ActivatePolicies : Get-DhcpServerSetting

ScopeId : 172.16.0.0
SubnetMask : 255.255.0.0
StartRange : 172.16.0.80
EndRange : 172.16.0.150
ActivatePolicies : True

IsDomainJoined : True
IsAuthorized : False
DynamicBootp : True
RestoreStatus : False
ConflictDetectionAttempts : 3
NpsUnreachableAction : Full
NapEnabled : False
ActivatePolicies : True
```

Some users report that sometimes they cannot access the network because of conflicting IP addresses. You need to configure DHCP to avoid leasing addresses that are in use already.

Solution: On Server 2, you modify the StartRange IP address of the scope. Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 18
You have two servers named Server 1 and Server 2 that run Windows Server 2016.
Server 1 has the DNS Server role installed. The advanced DNS properties for Server 1 are shown in the Advanced DNS exhibit. (Click the Exhibit button.)
Server 2 is configured to use Server 1 as a DNS server. Server 2 has the following IP configuration.

Windows IP Configuration

<table>
<thead>
<tr>
<th>Ethernet adapter Internal Network:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection-specific DNS Suffix</td>
</tr>
<tr>
<td>Link-local IPv6 Address...........</td>
</tr>
<tr>
<td>IPv4 Address......................</td>
</tr>
<tr>
<td>Subnet Mask</td>
</tr>
<tr>
<td>Default gateway</td>
</tr>
</tbody>
</table>

Tunnel Adapter Local Area Connection* 2:

<table>
<thead>
<tr>
<th>Media State</th>
<th>Media disconnected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection-specific DNS Suffix</td>
<td></td>
</tr>
</tbody>
</table>

Advanced DNS
SERVER1 Properties

**Debug Logging**

| Interfaces | Forwards | Advanced | Root Hints |

**Event Logging**

**Monitoring**

**Server version number:**

10.0.14393 (0x3839)

**Server options:**

- [ ] Disable recursion (also disables forwarders)
- [ ] Enable BIND secondaries
- [ ] Fail on load if bad zone data
- [x] Enable round robin
- [ ] Enable netmask ordering
- [x] Secure cache against pollution

**Name checking:**

Multibyte (UTF8)

**Load zone data on startup:**

From Active Directory and registry

- [ ] Enable automatic scavenging of stale records

**Scavenging period:** 0 days

**Reset to Default**
NEW QUESTION 19
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals.


Select the appropriate selection if statement is “Yes” or No.

---

**Answer Area**

<table>
<thead>
<tr>
<th>Statements</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>When Server2 queries for host1.contoso.com, the server always resolves to 172.16.1.100.</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>When Server2 queries for host2.contoso.com, the server always resolves to an IP address.</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>When a host that has an IP address of 172.16.100.1 queries for host1.contoso.com, the host always resolves to 172.16.1.100</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>

---

**Answer:**

**Explanation:**

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On Server1, you have the following zone configuration.

<table>
<thead>
<tr>
<th>ZoneName</th>
<th>ZoneType</th>
<th>IsAutoCreated</th>
<th>IsDsIntegrated</th>
<th>IsReverseLookupZone</th>
<th>IsSigned</th>
</tr>
</thead>
<tbody>
<tr>
<td>_msdcs.contoso.com</td>
<td>Primary</td>
<td>False</td>
<td>True</td>
<td>False</td>
<td>False</td>
</tr>
<tr>
<td>adatum.com</td>
<td>Forwarder</td>
<td>False</td>
<td>False</td>
<td>False</td>
<td>False</td>
</tr>
<tr>
<td>contoso.com</td>
<td>Primary</td>
<td>False</td>
<td>True</td>
<td>False</td>
<td>False</td>
</tr>
<tr>
<td>fabrikam.com</td>
<td>Primary</td>
<td>False</td>
<td>True</td>
<td>False</td>
<td>True</td>
</tr>
<tr>
<td>TrustAnchors</td>
<td>Primary</td>
<td>False</td>
<td>False</td>
<td>False</td>
<td>False</td>
</tr>
</tbody>
</table>

You have the following subnets defined on Server1.

<table>
<thead>
<tr>
<th>Name</th>
<th>IPv4Subnet</th>
<th>IPv6Subnet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subnet1</td>
<td>10.0.0.0/24</td>
<td></td>
</tr>
<tr>
<td>Subnet2</td>
<td>11.0.0.0/24</td>
<td></td>
</tr>
<tr>
<td>Subnet3</td>
<td>192.168.16.0/24</td>
<td></td>
</tr>
<tr>
<td>Subnet4</td>
<td>172.16.1.0/24</td>
<td></td>
</tr>
</tbody>
</table>

You need to prevent Server1 from resolving queries from DNS clients located on Subnet4. Server1 must resolve queries from all other DNS clients.

Solution: From the Security Setting of each zone on Server1, you modify the permissions. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 20

Your network contains an Active Directory domain named contoso.com. The domain contains a domain controller named Server1 and a member server named Server2.

Server1 has the DNS Server role installed. Server2 has IP Address Management (IPAM) installed. The IPAM server retrieves zones from Server1 as shown in the following table.

<table>
<thead>
<tr>
<th>Zone name</th>
<th>Dynamic update setting</th>
<th>Access scope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adatum.com</td>
<td>Secure</td>
<td>\Global</td>
</tr>
<tr>
<td>Fabrikam.com</td>
<td>None</td>
<td>\Global\Scope2</td>
</tr>
</tbody>
</table>

The IPAM server has one access policy configured as shown in the exhibit. (Click the Exhibit button.)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
Answer Area

<table>
<thead>
<tr>
<th>Statements</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>User1 can add a host (A) record to adatum.com</td>
<td></td>
<td></td>
</tr>
<tr>
<td>User1 can add a host (A) record to fabrikam.com</td>
<td></td>
<td></td>
</tr>
<tr>
<td>User1 can delete the fabrikam.com zone.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Answer:

Explanation: Box 1: Yes
As a member of the IPAM DNS Administrator Role of the ADatum zone, User1 can add DNS records to it. Box 2: Yes
As a member of the DNS Record Administrator Role of the Fabrikam zone, User1 can add DNS records to it. Box 3: No

NEW QUESTION 21

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