

- **Vendor: Microsoft**
- **Exam Code: 70-741**
- **Exam Name: Networking with Windows Server 2016**
- **Question 31 – Question 40**

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QUESTION 31

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.

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. All client computers run Windows 10. On Server1, you have the following zone configuration.

ZoneName	ZoneType	IsAutoCreated	IsDsIntegrated	IsReverseLookupZone	IsSigned
-----	-----	-----	-----	-----	-----
_msdcs.contoso.com	Primary	False	True	False	False
adatum.com	Forwarder	False	False	False	False
contoso.com	Primary	False	True	False	False
fabrikam.com	Primary	False	False	False	True
TrustAnchors	Primary	False	True	False	False

You have the following subnets defined on Server1.

Name	IPv4Subnet	IPv6Subnet
----	-----	-----
Subnet1	{10.0.0.0/24}	
Subnet2	{10.0.1.0/24}	
Subnet3	{192.168.15.0/24}	
Subnet4	{172.16.1.0/24}	

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 a Group Policy object (GPO) in the domain, you modify the Network List Manager Policies.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

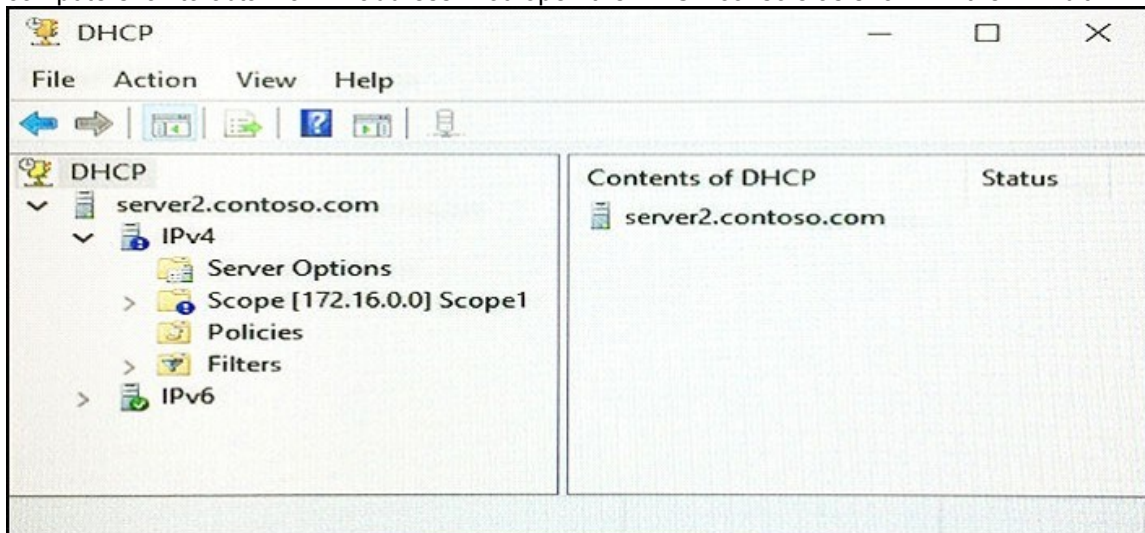
Explanation:

[https://technet.microsoft.com/en-us/library/jj966256\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/jj966256(v=ws.11).aspx)

QUESTION 32

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.



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 Repair-DhcpServerv4IPRecord cmdlet.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://technet.microsoft.com/itpro/powershell/windows/dhcp-server/set-dhcpserverv4scope>

QUESTION 33

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Your network contains an Active Directory domain named contoso.com. The functional level of the domain is Windows Server 2012. The network uses an address space of 192.168.0.0/16 and contains multiple subnets. The network is not connected to the Internet. The domain contains three servers configured as shown in the following table.

Server name	Configuration
Server1	Domain controller and DNS server
Server2	Member server
Server3	DHCP server

Client computers obtain TCP/IP settings from Server3. You add a second network adapter to Server2. You connect the new network adapter to the Internet. You install the Routing role service on Server2. Server1 has four DNS zones configured as shown in the following table.

DNS zone name	Type	Zone file name
Contoso.com	Active Directory-integrated	None
Fabrikam.com	Primary	Fabrikam.com.dns
Tailspintoys.com	Primary	Tailspintoys.com.dns
168.192.in-addr.arpa	Primary	168.192.in-addr.arpa.dns

You need to ensure that when a record is added dynamically to fabrikam.com, only the computer that created the record can modify the record. The solution must allow administrators to modify all of the records in fabrikam.com. What should you do?

- A. Change fabrikam.com to an Active Directory-integrated zone
- B. Raise the functional level of the domain
- C. Modify the security settings of the Fabrikam.com.dns file
- D. Modify the Start of Authority (SOA) settings of fabrikam.com

Answer: A

Explanation:

[https://technet.microsoft.com/en-us/library/cc753751\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/cc753751(v=ws.11).aspx)

QUESTION 34

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.

Your network contains an Active Directory domain named contoso.com. The domain contains a DNS server named Server1. All client computers run Windows 10. On Server1, you have the following zone configuration.

ZoneName	ZoneType	IsAutoCreated	IsDsIntegrated	IsReverseLookupZone	IsSigned
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adatum.com	Forwarder	False	False	False	False
contoso.com	Primary	False	True	False	False
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You have the following subnets defined on Server1.

Name	IPv4Subnet	IPv6Subnet
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Subnet2	{10.0.1.0/24}	
Subnet3	{192.168.15.0/24}	
Subnet4	{172.16.1.0/24}	

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 Windows PowerShell on Server1, you run the Add-DnsServerQueryResolutionPolicy cmdlet.
Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

<https://technet.microsoft.com/en-us/itpro/powershell/windows/dns-server/add-dnsserverqueryresolutionpolicy>

QUESTION 35

Your company has 5,000 users who work remotely. You have 40 VPN servers that host the remote connections for the users. You plan to deploy a RADIUS solution that contains five RADIUS servers. You need to ensure that client authentication requests are distributed evenly between the five RADIUS servers. What should you do?

- A. Install the Network Load Balancing role service on all of the RADIUS server. Configure all of the RADIUS clients to connect to a virtual IP address.
- B. Deploy RAS Gateway to a new server. Configure all of the RADIUS clients to connect to RAS Gateway.
- C. Install the Failover Clustering role service on all of the RADIUS servers. Configure all of the RADIUS clients to connect to the IP address of the cluster.
- D. Deploy a RADIUS proxy to a new server. Configure all of the RADIUS clients to connect to the RADIUS proxy.

Answer: D

Explanation:

[https://technet.microsoft.com/en-us/library/dd197433\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/dd197433(v=ws.10).aspx)

QUESTION 36

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. Active Directory Sites and Services
- C. Dns.exe
- D. Dnscmd.exe

Answer: D

Explanation:

[https://technet.microsoft.com/en-us/library/ee649181\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/ee649181(v=ws.10).aspx)

QUESTION 37

You have a server named Server1 that runs Windows Server 2016. Server1 is located on the perimeter network, and only inbound TCP port 443 is allowed to connect Server1 from the Internet. You install the Remote Access server role on Server1. You need to configure Server1 to accept VPN connections over port 443. Which VPN protocol should you use?

- A. PPTP
- B. SSTP

- C. L2TP
- D. IKEv2

Answer: B

Explanation:

[https://technet.microsoft.com/en-us/library/dd458955\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/dd458955(v=ws.10).aspx)

QUESTION 38

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Your network contains an Active Directory domain named contoso.com. The functional level of the domain is Windows Server 2012. The network uses an address space of 192.168.0.0/16 and contains multiple subnets. The network is not connected to the Internet. The domain contains three servers configured as shown in the following table.

Server name	Configuration
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Client computers obtain TCP/IP settings from Server3. You add a second network adapter to Server2. You connect the new network adapter to the Internet. You install the Routing role service on Server2. Server1 has four DNS zones configured as shown in the following table.

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Fabrikam.com	Primary	Fabrikam.com.dns
Tailspintoys.com	Primary	Tailspintoys.com.dns
168.192.in-addr.arpa	Primary	168.192.in-addr.arpa.dns

What should you do to enable Server2 as a NAT server?

- A. From Routing and Remote Access, add an interface.
- B. From Windows PowerShell, run the New-RoutingGroupConnector cmdlet.
- C. From Routing and Remote Access, add a routing protocol.
- D. From Windows PowerShell, run the Install-WindowsFeature cmdlet.

Answer: A

Explanation:

[https://technet.microsoft.com/en-us/library/dd469812\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dd469812(v=ws.11).aspx)

QUESTION 39

Your company has a main office in London and a branch office in Seattle. The offices connect to each other by using a WAN link. In the London office, you have a Distributed File System (DFS) server named FS1 that contains a folder named Folder1. In the Seattle office, you have a DFS server named FS2. All servers run Windows Server 2016. You configure replication of Folder1 to FS2. Users in both offices frequently add files in Folder1. You monitor DFS Replication, and you discover excessive replication over the WAN link during business hours. You need to reduce the amount of bandwidth used for replication during business hours. The solution must ensure that the users can continue to save content to Folder1. What should you do?

- A. Modify the quota settings on Folder1 on FS2.
- B. Modify the properties of the replication group.
- C. Configure the copy of Folder1 on FS2 as read-only.
- D. Modify the replicated folder properties of Folder1 on FS1.

Answer: B

QUESTION 40

You can use Policy-based Quality of Service (QoS) to manage traffic to offer better user experiences, control bandwidth costs, or more finely negotiate service levels with bandwidth providers or business departments. QoS policies can define priority through a Differentiated Services Code Point (DSCP) value. The DSCP applies a value (0-63) within the Type of Service (TOS) field in an IPv4 packet's header and within the Traffic Class field in IPv6. This DSCP value provides classification at the Internet Protocol (IP) level, which routers can use to decide queuing behavior. You can also limit an application's outbound network traffic by specifying a throttle rate. The Wi-Fi Alliance has established a certification for Wireless Multimedia (WMM) that defines four access categories (WMM_AC) for prioritizing network traffic transmitted on a Wi-Fi wireless network. The four groups are shown below. Which group should have the highest DSCP values?

- A. Video (VI)
- B. Voice (VO)
- C. Background (BK)
- D. Best effort (BE)

Answer: B

Explanation:

The access categories include (in order of highest-to-lowest priority): voice, video, best effort, and background; respectively abbreviated as VO, VI, BE, and BK. Voice (VO) is the highest with a DSCP range of 48-63, whilst Background (BK) is the lowest with a range of 8-23.

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