

DUMPS ARENA

Networking with Windows Server 2016

Microsoft 70-741

Version Demo

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QUESTION NO: 1

Note: This question is part of a series of questions that use the same or similar answer choices. An answer choice may be correct for more than one question in the series. Each question is independent of the other questions in this series. Information and details provided in a question apply only to that question.

You have a DHCP server named Server1 that has an IPv4 scope named Scope1.

Users report that when they turn on their client computers, it takes a long time to access the network.

You validate that it takes a long time for the computers to receive an IP address from Server1.

You monitor the network traffic and discover that Server1 issues five ping commands on the network before leasing an IP address.

You need to reduce the amount of time it takes for the computers to receive an IP address.

What should you do?

- A. From the properties of IPv4, modify the Conflict detection attempts setting.
- B. From the properties of Scope1, configure Name Protection.
- C. From the properties of IPv4, configure the bindings.
- D. From IPv4, create a new filter.
- E. From the properties of Scope1, create an exclusion range.
- F. From IPv4, run the DHCP Policy Configuration Wizard.
- G. From Control Panel, modify the properties of Ethernet.
- H. From Scope1, create a reservation.

ANSWER: A**Explanation:**

Reference:

[https://technet.microsoft.com/en-us/library/ee941125\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/ee941125(v=ws.10).aspx)

QUESTION NO: 2

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.
- 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: C D E

Explanation:

Reference:

[https://technet.microsoft.com/en-us/library/ee449441\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/ee449441(v=ws.10).aspx)

QUESTION NO: 3

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.

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-DhcpServer4Scope | f1 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      : True
DynamicBootp      : True
RestoreStatus     : False
ConflictDetectionAttempts : 0
NpsUnreachableAction : Full
NapEnabled        : False
ActivatePolicies  : True
```

Server2 has the following IP configuration.

```
PS C:\>Get-DhcpServer4Scope | f1 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      : True
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 Server2, you modify the StartRange IP address of the scope.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

QUESTION NO: 4 - (DRAG DROP)

DRAG DROP

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 IP Address Management (IPAM) installed. Server2 has Microsoft System Center 2016 Virtual Machine Manager (VMM) installed.

You need to integrate IPAM and VMM.

Which types of objects should you create on each server? To answer, drag the appropriate object types to the correct servers. Each object type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

Objects	
Access Policy	Network Service
Service Template	User Role
Run As Account	

Answer Area	
Object to create on Server1:	
Object to create on Server2:	

ANSWER:

Objects	
Access Policy	Network Service
Service Template	User Role
Run As Account	

Answer Area	
Object to create on Server1:	Run As Account
Object to create on Server2:	Access Policy User Role

Explanation:

References:

[https://technet.microsoft.com/en-us/library/dn783349\(v=ws.11\).aspx](https://technet.microsoft.com/en-us/library/dn783349(v=ws.11).aspx)**QUESTION NO: 5 - (HOTSPOT)****HOTSPOT**

You have two servers named Server1 and Server2 that run Windows Server 2016. Server1 and Server2 have the Network Policy Server role service installed.

Server1 is configured to forward connection requests to Server2.

Incoming connection requests to Server1 contain the User Name attribute. The User Name attribute does not contain the domain name suffix.

You need to ensure that the User Name attribute will be replaced by using a format of username@contoso.com.

How should you configure the attribute manipulation rule on Server1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Find: ▼

\$
\
^

Replace with: ▼

@\$2
@contoso.com
contoso.com

ANSWER:

Answer Area

Find: ▼

- \$
- \
- ^

Replace with: ▼

- @\$2
- @contoso.com
- contoso.com

Explanation:

References:

<https://docs.microsoft.com/en-us/windows-server/networking/technologies/nps/nps-crp-reg-expressions>

QUESTION NO: 6

A company named Contoso, Ltd has five Hyper-V hosts that are configured as shown in the following table.

Hyper-V host name	Configuration
Server1	Windows Server 2012 R2 and an Intel Xeon E7 processor
Server2	Windows Server 2012 R2 and an Intel i7 processor
Server3	Windows Server 2016 and an Intel i7 processor
Server4	Windows Server 2016 and an AMD Opteron processor
Server5	Windows Server 2016 and an Intel Xeon E7 processor

What are two valid live migration scenarios for virtual machines in your environment? (Choose two.)

- A. from Server1 to Server5
- B. from Server4 to Server5
- C. from Server2 to Server3
- D. from Server3 to Server4

ANSWER: A C

QUESTION NO: 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 Hyper-V host named Server1. The network adapters on Server1 have single root I/O virtualization (SR-IOV) enabled.

Server1 hosts a virtual machine named VM1 that runs Windows Server 2016.

You need to identify whether SR-IOV is used by VM1.

Solution: You sign in to VM1. You open Device Manager and view the properties of the network adapters.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 8

You manage a Windows Server 2016 software-defined network.

Network Controller is installed on a three-node domain-joined cluster of virtual machines.

You need to add a new access control list (ACL) for the network controller to the network interface on a tenant virtual machine. The ACL will have only one rule that prevents only outbound traffic from the 10.10.10.0/24 subnet.

You plan to run the following Windows PowerShell commands.

```
$ruleproperties = new-object Microsoft.Windows.NetworkController.AclRuleProperties
```

```
$ruleproperties.SourcePortRange = "0-65535"
```

```
$ruleproperties.DestinationPortRange = "0-65535"
```

```
$ruleproperties.Action = "Deny"
```

```
$ruleproperties.Priority = "100"
```

```
$ruleproperties.Type = "Outbound"
```

```
$ruleproperties.Logging = "Enabled"
```

Which three remaining properties should you add to the rule? Each correct answer presents part of the solution. (Choose three.)

NOTE: Each correct selection is worth one point.

- A. \$ruleproperties.SourceAddressPrefix = "10.10.10.0/24"
- B. \$ruleproperties.DestinationAddressPrefix = "10.10.10.0/24"
- C. \$ruleproperties.Protocol = "ALL"
- D. \$ruleproperties.Protocol = "TCP"
- E. \$ruleproperties.SourceAddressPrefix = "*"
- F. \$ruleproperties.DestinationAddressPrefix = "*"

ANSWER: A C F

QUESTION NO: 9

You have a server named Server1 that runs Windows Server 2016. Server1 has the DHCP Server and the Windows Deployment Service server roles installed.

Server1 is located on the same subnet as client computers.

You need to ensure that clients can perform a PXE boot from Server1.

Which two IPv4 options should you configure in DHCP? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. 003 Router
- B. 066 Boot Server Host Name
- C. 015 DNS Domain Name
- D. 006 DNS Servers
- E. 060 Option 60

ANSWER: B E

QUESTION NO: 10

You have the computers shown in the following table.

Name	IPv6 address
Computer1	Fec0:fa48:6e16:d4e0:80d0:c5f0:ad38:f220
Computer2	Fec0:fa48:6e16:d4e0::ad22:f120
Computer3	Fec0:fa48:6e16::1111:e324
Computer4	Fec0:fa48:6e16:ab12:80d0:c5f0:cd45:32ae

Which computers are on the same IPv6 subnet as Computer1?

- A. Computer2 and Computer3 only
- B. Computer2 and Computer4 only
- C. Computer2 only
- D. Computer2, Computer3, and Computer4

ANSWER: C

Explanation:

References:

<http://www.firewall.cx/networking-topics/protocols/877-ipv6-subnetting-how-to-subnet-ipv6.html>

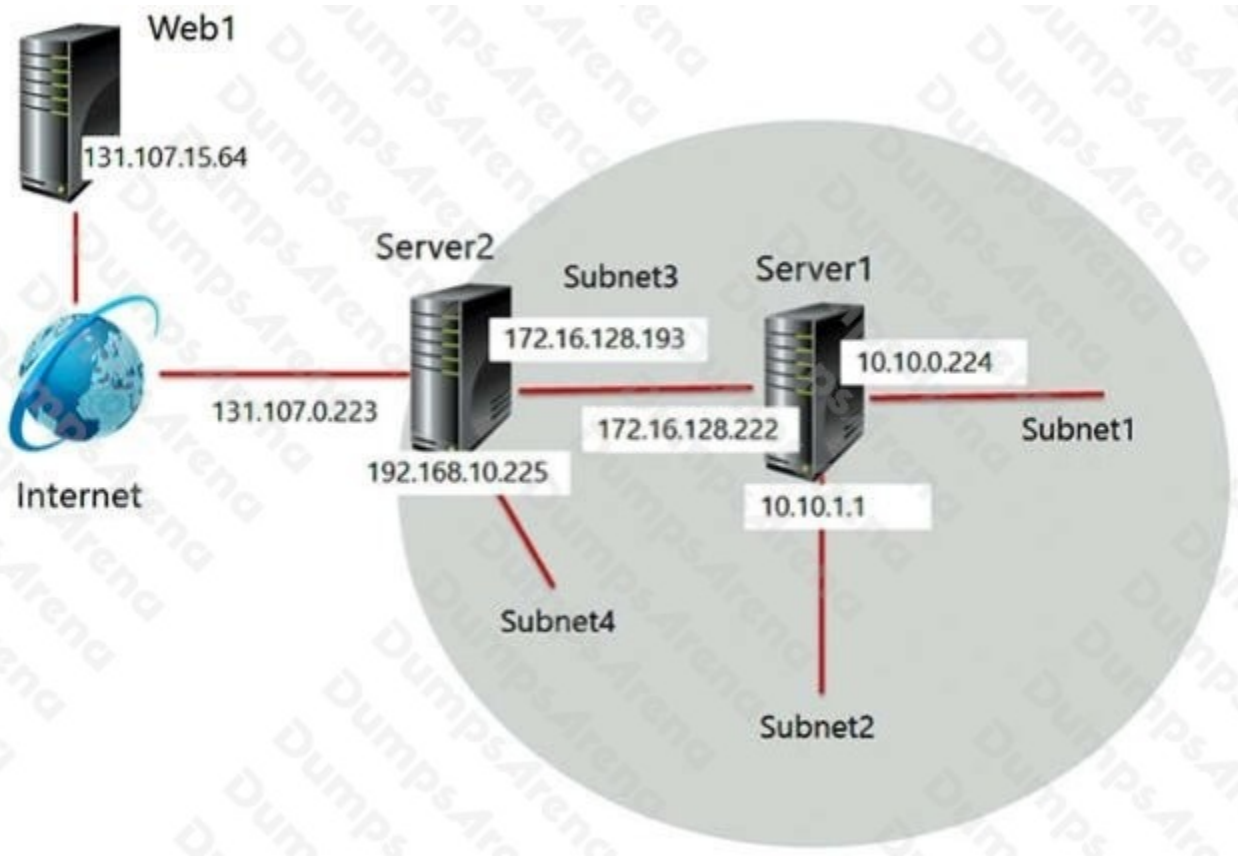
QUESTION NO: 11

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.

Start of repeated scenario

You are a network administrator for a company named Contoso, Ltd. The network is configured as shown in the exhibit. (Click the Exhibit tab.)



You install the Remote Access server role on Server2. Server2 has the following configured:

- Network address translation (NAT)
- The DHCP Server server role

The Security Policy of Contoso states that only TCP ports 80 and 443 are allowed from the Internet to Server2.

You identify the following requirements:

- Add 28 devices to Subnet2 for a temporary project.
- Configure Server2 to accept VPN connections from the Internet.
- Ensure that devices on Subnet2 obtain TCP/IP settings from DHCP on Server2.

End of repeated scenario

You deploy a computer named ComputerA to Subnet1. ComputerA has an IP address of 10.10.0.129 and a subnet mask of 255.255.255.0.

You plan to use ComputerA to access the resources on Web1.

Which IP address should you use as the default gateway on ComputerA?

- A. 10.10.1.1
- B. 10.10.0.224
- C. 131.107.0.223

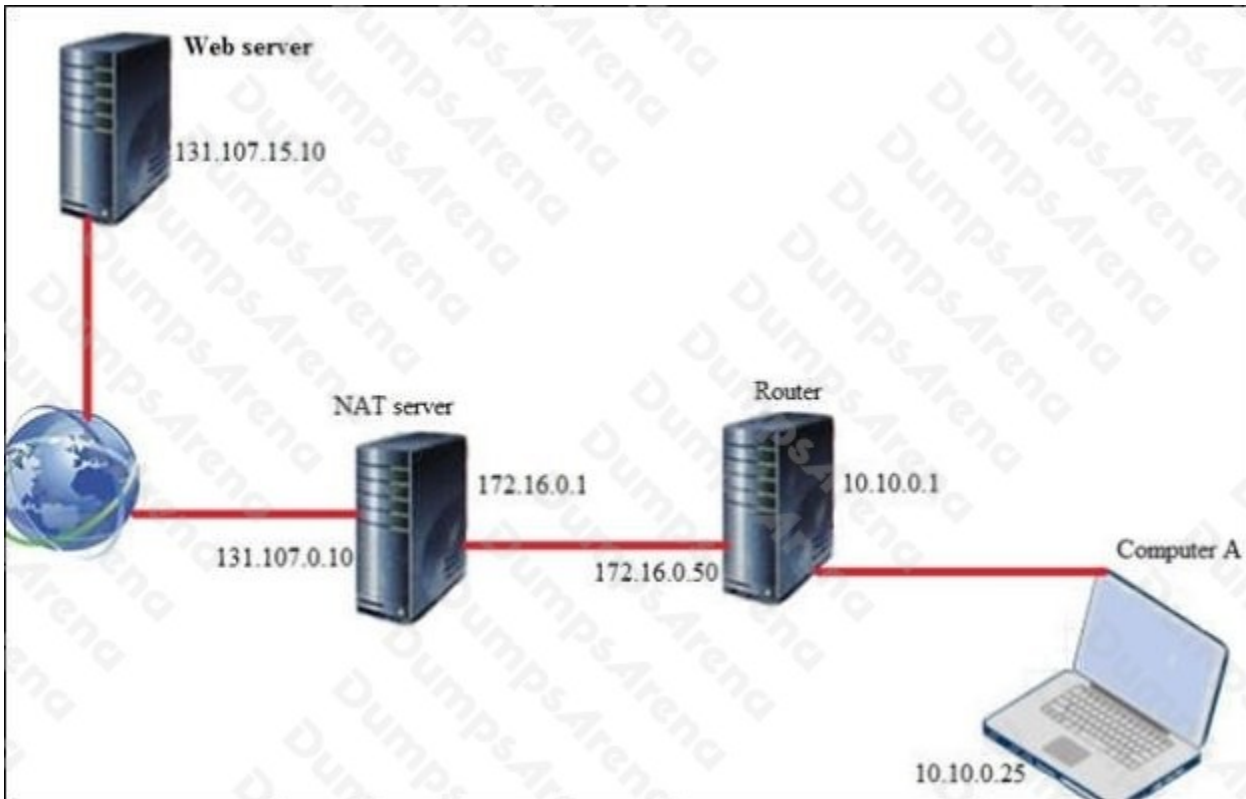
D. 172.16.128.193

ANSWER: B

QUESTION NO: 12 - (HOTSPOT)

HOTSPOT

Your network is configured as shown in the network diagram.



Hot Area:

Answer Area

To access the Internet, ComputerA must use a default gateway of [answer choice].

	▼
10.10.0.1	
10.10.0.25	
131.107.0.10	
131.107.15.10	
172.16.0.1	
172.16.0.50	

When ComputerA requests a page from the web server, the web server will log the request as coming from the [answer choice] IP address.

	▼
10.10.0.1	
10.10.0.25	
131.107.0.10	
131.107.15.10	
172.16.0.1	
172.16.0.50	

ANSWER:

Answer Area

To access the Internet, ComputerA must use a default gateway of [answer choice].

	▼
10.10.0.1	
10.10.0.25	
131.107.0.10	
131.107.15.10	
172.16.0.1	
172.16.0.50	

When ComputerA requests a page from the web server, the web server will log the request as coming from the [answer choice] IP address.

	▼
10.10.0.1	
10.10.0.25	
131.107.0.10	
131.107.15.10	
172.16.0.1	
172.16.0.50	

Explanation:

QUESTION NO: 13

Your network contains an Active directory forest named contoso.com. The forest has a Distributed File System (DFS) namespace named \\contoso.com \namespace1.

The domain contains a file server named Server1 that runs Windows Server 2016.

You create a folder named Folder1 on Server1.

You need to use Folder1 as a target for Namespace1.

Which two cmdlets should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Grant-DfsnAccess
- B. New-DfsnFolder
- C. New-DfsReplicatedFolder
- D. New-DfsnFolderTarget
- E. New-SmbShare
- F. Install-WindowsFeature

ANSWER: A D

Explanation:

References:

<https://docs.microsoft.com/en-us/powershell/module/dfs/new-dfsfolderdtarget?view=win10-ps>

<https://docs.microsoft.com/en-us/powershell/module/dfs/grant-dfsaccess?view=win10-ps>

QUESTION NO: 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 section, 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 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 the Security setting of each zone on Server1, you modify the permissions.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 15

Refer to the exhibit:

Your network contains an Active Directory forest named fabrikam.com. The forest contains the servers configured as shown in the following table:

Server name	Configuration
FabDC1	Domain controller and DNS server
FabFS1	DHCP server and file server
FabRA1	Remote access server
FabRS1	Network Policy Server (NPS) server
FabRP1	Network Policy Server (NPS) server

You plan to implement a VPN. FabRA1 will use the RADIUS proxy for authentication.

You need to ensure that VPN clients can be authenticated and can access internal resources. The solution must ensure that FabRS1 is used as a RADIUS server and FabRP1 is used as a RADIUS proxy.

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

NOTE: Each correct selection is worth one point.

A. Create a connection request policy on FabRS1.

- B.** Create a connection request policy on FabRP1.
- C.** Create a network policy on FabRS1.
- D.** Delete the default connection request policy on FabRS1.
- E.** Create a network policy on FabRP1.

ANSWER: B C