

Vendor: Microsoft

Exam Code:70-741

Exam Name: Networking with Windows Server 2016

Version: Demo

## **QUESTION 1**

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

Correct Answer: AC

References: https://docs.microsoft.com/en-us/powershell/module/dfsn/new-dfsnfoldertarget?view=win10-ps https://docs.microsoft.com/en-us/powershell/module/dfsn/grant-dfsnaccess?view=win10-ps

## **QUESTION 2**

## **HOTSPOT**

You are configuring internal virtual networks to support multitenancy communication between tenant virtual machine networks and remote sites.

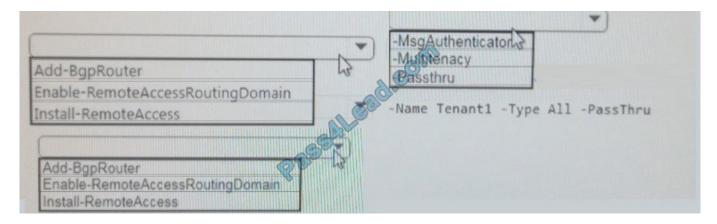
You have a tenant named Tenant1.

You need to enable Border Gateway Protocol (BGP) for Tenant1.

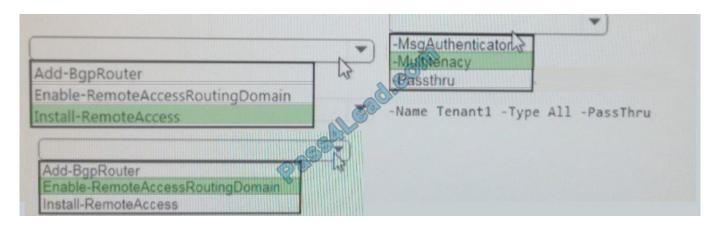
Which commands should you run? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



#### Correct Answer:



## **QUESTION 3**

#### **DRAG DROP**

You have a remote access server named Server1 that runs Windows Server 2016. Server1 has DirectAccess enabled.

A firewall connects Server1 to the Internet.

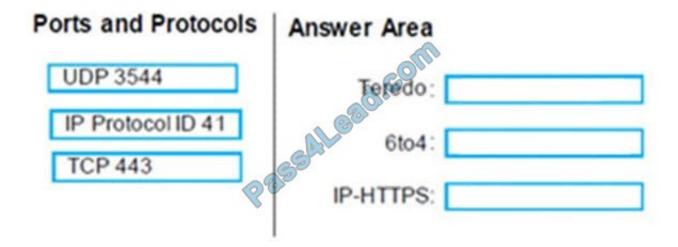
You need to configure the firewall to ensure that DirectAccess clients can connect to Server1 by using Teredo, 6to4, and IP-HTTPS.

Which inbound port should be open on the firewall for each transition technology?

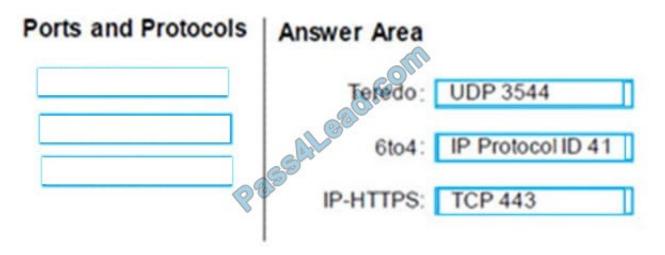
To answer, drag the appropriate ports to the correct transition technologies. Each port may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Correct Answer:



References: https://directaccess.richardhicks.com/2014/10/28/directaccess-ipv6-transition-protocols-explained/https://en.wikipedia.org/wiki/HTTPS

## **QUESTION 4**

You have a server named Server1 that runs Windows Server 2016. You need to configure Server1 as a multitenant RAS Gateway. What should you install on Server1?

- A. the Network Controller server role
- B. the Data Center Bridging feature
- C. the Remote Access server role
- D. the Network Policy and Access Services server role

Correct Answer: C

#### **QUESTION 5**

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 300

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.

Name Configuration Server1 Domain controller None		Planned changes	
		None	
Server2	File server	Run Failover Clustering and Storage Spaces Direct	
Server3	File server	Run Failover Clustering and Storage Spaces Direct	
Server4	Hyper-V host	Run shielded virtual machines	
Server5	Hyper-V host	None	
Server6	Member server	Run Active Directory Federation Services (AD FS)	
VM1	Virtual machine hosted on Server5	None	
VM2	Virtual machine hosted on Server5	None	
VM3	Virtual machine hosted on Server5	None	

The virtual machines are configured as follows:

Each virtual machine has one virtual network adapter.

VM1 and VM2 are part of a Network Load Balancing (NLB) cluster.

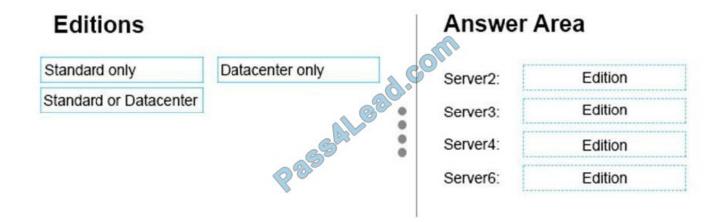
All of the servers on the network can communicate with all of the virtual machines.

You need to install the correct edition of Windows Server 2016 to support the planned changes for Server2, Server3, Server4, and Server6.

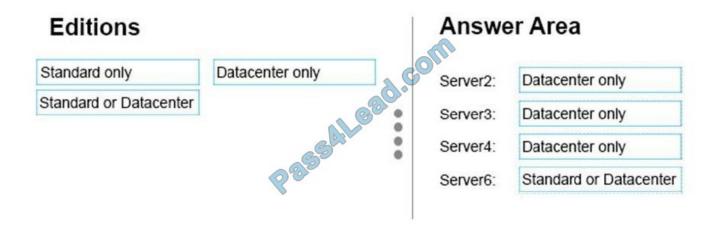
Which edition or editions should you choose for each server? To answer, drag the appropriate editions to the correct servers. Each edition may be used once, more than once, or not at all. You may need to drag the split bar between panes or

scroll to view content.

Select and Place:



Correct Answer:



#### **QUESTION 6**

Your network contains an Active Directory domain named contoso.com. The domain contains a DHCP server named Server1 that runs Windows Server 2016.

You have a DHCP scope for the 10.0.0.0/24 IP subnet. One hundred and fifty clients reside in the subnet. Fifty of the DHCP clients are NOT domain-joined.

You need to ensure that DHCP clients without a configured DNS suffix register automatically in a DNS zone named workgroup.contoso.com. The other DHCP clients must register in the DNS zone of their respective domain.

What should you do?

- A. Configure the DNS properties of the 10.0.0.0/24 DHCP scope.
- B. Create a DHCP policy that has a condition based on the fully qualified domain name (FQDN) criterion. Configure the IP address range properties of the policy.
- C. Create a DHCP policy that has a condition based on the fully qualified domain name (FQDN) criterion. Configure the DNS properties of the policy.

D. Configure the 015 DNS Domain Name scope option in the 10.0.0.0/24 DHCP scope.

Correct Answer: C

#### **QUESTION 7**

You have a DHCP server named Server1 that runs Windows Server 2016. Server1 has the scopes configured as shown in the following table.

Scope name	Address pool	Default gateway	DNS server
Desktops	192.168.0.0/24	192.168.0.1	192.168.0.140
Visitors	192.168.1.0/24	192.168.1.1	192.168.0.140

All other scope settings are set to the default values. There is no available address space for another scope to be created.

Your network has 150 desktop computers that have access to the corporate network. Your company also provides visitors with WI-FI access to the network. There can be up to 200 visitors each day.

You discover that some visitors fail to access the WI-FI network because there are no available addresses to allocate to the visitors. You need to prevent this issue from reoccurring.

What should you do?

- A. For the Visitors scope, run the Dhcp Split Configuration Wizard.
- B. Run Set-DhcpServerv4Scope -ActivatePolicies \$True -Name Mobil -MaxBootPClients 200
- C. Configure a superscope that contains the Visitors scope.
- D. Run Set-DhcpServerv4Scope -Name Mobile -LeaseDuration 0.02:00:00

Correct Answer: B

https://docs.microsoft.com/en-us/previousversions/windows/desktop/dhcpserverpsprov/dhcpserverv4scope

## **QUESTION 8**

## **HOTSPOT**

You have a server named Server1 that runs Windows Server 2016. Server1 is a Hyper-V host.

You have two network adapter cards on Server1 that are Remote Direct Memory Access (RDMA)-capable.

You need to aggregate the bandwidth of the network adapter cards for a virtual machine on Server1. The solution must ensure that the virtual machine can use the RDMA capabilities of the network adapter cards.

Which command should you run first? To answer, select the appropriate options in the answer area.

#### Hot Area:





#### Correct Answer:





## **QUESTION 9**

## **HOTSPOT**

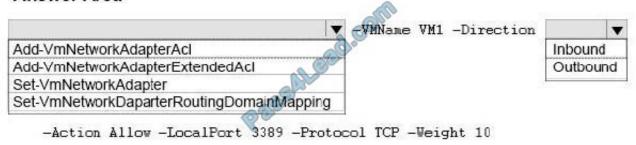
You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is a Remote Desktop Services (RDS) server.

You need to ensure that only TCP port 3389 can be used to connect to VM1 over the network.

Which command should you run on the Hyper-V host? To answer, select the appropriate options in the answer area.

Hot Area:





Correct Answer:

## Answer Area

Add-VmNetworkAdapterAcl Add-VmNetworkAdapterExtendedAcl

Set-VmNetworkAdapter

Set-VmNetworkDaparterRoutingDomainMapping

VMName VM1 -Direction

Inbound Outbound

-Action Allow -LocalPort 3389 -Protocol TCP -Weight 10

Explanation:

References: https://technet.microsoft.com/en-us/library/dn464289.aspx

#### **QUESTION 10**

Your network contains an Active Directory forest named contoso.com. The functional level of the forest is Windows Server 2012.

The forest contains five domain controllers and five VPN servers that run Windows Server 2016.

Five hundred users connect to the VPN servers daily.

You need to configure a new server named Server1 as a RADIUS server.

What should you do first?

- A. On Server1, deploy the Remote Access server role.
- B. On Server1, deploy the Network Policy and Access Services role.
- C. On a domain controller, set the forest functional level to Windows Server 2016.
- D. On each VPN server, run the New-NpsRadiusClient cmdlet.

Correct Answer: B

http://www.nyazit.com/configure-network-policy-server-2016/

#### **QUESTION 11**

Your network contains multiple wireless access points (WAPs) that use WPA2-Personal authentication. The network contains an enterprise root certification authority (CA).

The security administrator at your company plans to implement WPA2-Enterprise authentication on the WAPs.

To support the authentication change, you deploy a server that has Network Policy Server (NPS) installed.

You need to configure NPS to authenticate the wireless clients.

What should you do on the NPS server?

A. Add RADIUS clients and configure network policies.

B. Create a remote RADIUS server group and configure connection request policies.

C. Create a remote RADIUS server group and install a server certificate.

D. Add RADIUS clients and configure connection request policies.

Correct Answer: A

#### **QUESTION 12**

Your company has two main offices. The offices are located in London and Seattle. All servers run Windows Server 2016.

In the Seattle office, you have a Distributed File System (DFS) server named FS1. FS1 has a folder named Folder1 that contains large Windows image files.

In the London office, you deploy a DFS server named FS2, and you then replicate Folder1 to FS2.

After several days, you discover that the replication of certain files failed to complete.

You need to ensure that all of the files in Folder1 can replicate to FS2.

What should you do?

A. Modify the disk quota of the drive that contains Folder1.

B. From a command prompt, run dfsutil /purgemupcache.

C. Create a quota for Folder1 by using File Server Resource Manager (FSRM).

D. Modify the size of staging area of Folder1.

Correct Answer: D

https://technet.microsoft.com/en-us/library/hh831487(v=ws.11).aspx

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