

# Microsoft

## Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions



### NEW QUESTION 1

#### HOTSPOT

You have on-premises datacenters in New York and Seattle.

You have an Azure subscription that contains the ExpressRoute circuits shown in the following table.

Name

Azure region Datacenter ERC1

East US New Vork ERC2

West US2 Seattle

You need to ensure that all the data sent between the datacenters is routed via the ExoessRoute circuits. The solution must minimize costs.

#### Answer Area

ExpressRoute configuration:

Peering:

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

#### Answer Area

ExpressRoute configuration:

Peering:

### NEW QUESTION 2

Your company has an office in New York.

The company has an Azure subscription that contains the virtual networks shown in the following table.

Name Location Vnet1 East LS Vnet2

North Europe Vnet3

West US Vnet4

West Europe

You need to connect the virtual networks to the office by using ExpressRoute.

The solution must meet the following requirements:

- The connection must have up to 1 Gbps of bandwidth.
- The office must have access to all the virtual networks.
- Costs must be minimized.

How many ExpressRoute circuits should be provisioned, and which ExpressRoute SKU should you enable?

- A. A.one ExpressRoute Standard circuit
- B. one ExpressRoute Premium circuit
- C. two ExpressRoute Premium circuits
- D. four ExpressRoute Standard circuits

**Answer:** B

### NEW QUESTION 3

- (Topic 4)

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains a subnet named Subnet1

You deploy an instance of Azure Application Gateway v2 named AppGw1 to Subnet1. You create a network security group (NSG) named NSG1 and link NSG1 to Subnet1.

You need to ensure that AppGw1 will only load balance traffic that originates from VNet1. The solution must minimize the impact on the functionality of AppGw1.

What should you add to NSG1?

- A. an outbound rule that has a priority 100 and blocks all internet traffic
- B. an outbound rule that has a priority of 4096 and blocks all internet traffic
- C. an inbound rule that has a priority of 4096 and blocks all internet traffic
- D. an inbound rule that has a priority of 100 and blocks all internet traffic

**Answer:** C

#### NEW QUESTION 4

SIMULATION - (Topic 4)

Task 9

You need to ensure that subnet4-3 can accommodate 507 hosts.

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Here are the steps and explanations for ensuring that subnet4-3 can accommodate 507 hosts:

? To determine the subnet size that can accommodate 507 hosts, you need to use the formula: number of hosts =  $2^{(32 - n)} - 2$ , where n is the number of bits in the subnet mask<sup>1</sup>. You need to find the value of n that satisfies this equation for 507 hosts.

? To solve this equation, you can use trial and error or a binary search method. For example, you can start with n = 24, which is the default subnet mask for Class C networks. Then, plug in the value of n into the formula and see if it is too big or too small for 507 hosts.

? If you try n = 24, you get number of hosts =  $2^{(32 - 24)} - 2 = 254$ , which is too small. You need to increase the value of n to get a larger number of hosts.

? If you try n = 25, you get number of hosts =  $2^{(32 - 25)} - 2 = 510$ , which is just enough to accommodate 507 hosts. You can stop here or try a smaller value of n to see if it still works.

? If you try n = 26, you get number of hosts =  $2^{(32 - 26)} - 2 = 254$ , which is too small again. You need to decrease the value of n to get a larger number of hosts.

? Therefore, the smallest value of n that can accommodate 507 hosts is n = 25. This means that the subnet mask for subnet4-3 should be /25 or 255.255.255.128 in dot-decimal notation<sup>1</sup>.

? To change the subnet mask for subnet4-3, you need to go to the Azure portal and select your virtual network. Then select Subnets under Settings and select subnet4-3 from the list<sup>2</sup>.

? On the Edit subnet page, under Address range (CIDR block), change the value from /24 to /25. Then select Save<sup>2</sup>.

#### NEW QUESTION 5

SIMULATION - (Topic 4)

Task 2

You need to create an Azure Firewall instance named FW1 that meets the following requirements:

- Has an IP address from the address range of 10.1.255.0/24
- Uses a new Premium firewall policy named FW-pohcy1
- Routes traffic directly to the internet

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

? To create an Azure Firewall instance, you need to go to the Azure portal and select Create a resource. Type firewall in the search box and press Enter. Select Firewall and then select Create<sup>1</sup>.

? To assign an IP address from the address range of 10.1.255.0/24 to the firewall, you need to select a public IP address that belongs to that range. You can either create a new public IP address or use an existing one<sup>1</sup>.

? To use a new Premium firewall policy named FW-policy1, you need to select Premium as the Firewall tier and create a new policy with the name FW- policy1<sup>2</sup>. A Premium firewall policy allows you to configure advanced features such as TLS Inspection, IDPS, URL Filtering, and Web Categories<sup>3</sup>.

? To route traffic directly to the internet, you need to enable SNAT (Source Network Address Translation) for the firewall. SNAT allows the firewall to use its public IP address as the source address for outbound traffic<sup>4</sup>.

#### NEW QUESTION 6

SIMULATION - (Topic 4)

Task 8

You need to ensure that the storage34280945 storage account will only accept connections from hosts on VNET1

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Here are the steps and explanations for ensuring that the storage34280945 storage account will only accept connections from hosts on VNET1:

? To restrict network access to your storage account, you need to configure the Azure Storage firewall and virtual network settings for your storage account. You can do this in the Azure portal by selecting your storage account and then selecting Networking under Settings<sup>1</sup>.

? On the Networking page, select Firewalls and virtual networks, and then select Selected networks under Allow access from<sup>1</sup>. This will block all access to your storage account except from the networks or resources that you specify.

? Under Virtual networks, select + Add existing virtual network. Then select VNET1 from the list of virtual networks and select the subnet that contains the hosts that you want to allow access to your storage account<sup>1</sup>. This will enable a service endpoint for Storage in the subnet and configure a virtual network rule for that subnet through the Azure storage firewall<sup>2</sup>.

? Select Add to add the virtual network and subnet to your storage account<sup>1</sup>.

? Select Save to apply your changes<sup>1</sup>.

#### NEW QUESTION 7

SIMULATION - (Topic 4)

Task 11

You are preparing to connect your on-premises network to VNET4 by using a Site-to-Site VPN. The on-premises endpoint of the VPN will be created on a firewall named Firewall 1.

The on-premises network has the following configurations:

- Internal address range: 10.10.0.0/16.
- Firewall 1 internal IP address: 10.10.1.1.

- Firewall1 public IP address: 131.107.50.60. BGP is NOT used.

You need to create the object that will provide the IP addressing configuration of the on- premises network to the Site-to-Site VPN. You do NOT need to create a virtual network gateway to complete this task.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Here are the steps and explanations for creating the object that will provide the IP addressing configuration of the on-premises network to the Site-to-Site VPN:

? The object that you need to create is called a local network gateway. A local network gateway represents your on-premises network and VPN device in Azure. It contains the public IP address of your VPN device and the address prefixes of your on-premises network that you want to connect to the Azure virtual network1.

? To create a local network gateway, you need to go to the Azure portal and select Create a resource. Search for local network gateway, select Local network gateway, then select Create2.

? On the Create local network gateway page, enter or select the following information and accept the defaults for the remaining settings:

? Select Review + create and then select Create to create your local network gateway2.

**NEW QUESTION 8**

SIMULATION - (Topic 4)

Task 6

You need to ensure that all hosts deployed to subnet3-2 connect to the internet by using the same static public IP address. The solution must minimize administrative effort when adding hosts to the subnet.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Here are the steps and explanations for ensuring that all hosts deployed to subnet3-2 connect to the internet by using the same static public IP address:

? To use the same static public IP address for multiple hosts, you need to create a NAT gateway and associate it with subnet3-2. A NAT gateway is a resource that performs network address translation (NAT) for outbound traffic from a subnet1. It allows you to use a single public IP address for multiple private IP addresses2.

? To create a NAT gateway, you need to go to the Azure portal and select Create a resource. Search for NAT gateway, select NAT gateway, then select Create3.

? On the Create a NAT gateway page, enter or select the following information and accept the defaults for the remaining settings:

? Select Review + create and then select Create to create your NAT gateway3.

? To associate the NAT gateway with subnet3-2, you need to go to the Virtual networks service in the Azure portal and select your virtual network.

? On the Virtual network page, select Subnets under Settings, and then select subnet3-2 from the list.

? On the Edit subnet page, under NAT gateway, select your NAT gateway from the drop-down list. Then select Save.

**NEW QUESTION 9**

SIMULATION - (Topic 4)

Task 4

You need to ensure that connections to the storage34280945 storage account can be made by using an IP address in the 10.1.1.0/24 range and the name storage34280945.pnvatelinlcblob.core.windows.net.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Here are the steps and explanations for ensuring that connections to the storage34280945 storage account can be made by using an IP address in the 10.1.1.0/24 range and the name stor-age34280945.pnvatelinlcblob.core.windows.net:

? To allow access from a specific IP address range, you need to configure the Azure Storage firewall and virtual network settings for your storage account. You can do this in the Azure portal by selecting your storage account and then selecting Networking under Settings1.

? On the Networking page, select Firewalls and virtual networks, and then select Selected networks under Allow access from1. This will block all access to your storage account except from the networks or resources that you specify.

? Under Firewall, select Add rule, and then enter 10.1.1.0/24 as the IP address or range. You can also enter an optional rule name and description1. This will allow access from any IP address in the 10.1.1.0/24 range.

? Select Save to apply your changes1.

? To map a custom domain name to your storage account, you need to create a CNAME record with your domain provider that points to your storage account endpoint2. A CNAME record is a type of DNS record that maps a source domain name to a destination domain name.

? Sign in to your domain registrar's website, and then go to the page for managing DNS settings2.

? Create a CNAME record with the following information2:

? Save your changes and wait for the DNS propagation to take effect2.

? To register the custom domain name with Azure, you need to go back to the Azure portal and select your storage account. Then select Custom domain under Blob service2.

? On the Custom domain page, enter stor- age34280945.pnvatelinlcblob.core.windows.net as the custom domain name and select Save2.

**NEW QUESTION 10**

HOTSPOT - (Topic 3)

You have an Azure subscription that contains a virtual network gateway named VNetGwy1. VNetGwy1 has a public IP address of 20.25.32.214.

You need to query the health probe of VNetGwy1,

How should you complete the URI? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

https  
http  
**https**  
snmp

://20.25.32.214:

80  
**80**  
443  
8081

/healthprobe

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

https  
http  
**https**  
snmp

://20.25.32.214:

80  
**80**  
443  
8081

/healthprobe

NEW QUESTION 10

HOTSPOT - (Topic 3)

You have an on-premises network.

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
Vnet1	Virtual network	None
VM1	Virtual machine	Connected to Vnet1
VM2	Virtual machine	Connected to Vnet1
SQL1	Azure SQL Database	Internet accessible

You need to implement an ExpressRoute circuit to access the resources in the subscription. The solution must ensure that the on-premises network connects to the Azure resources by using the ExpressRoute circuit.

Which type of peering should you use for each connection? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Connection to Vnet1:

Private peering  
Microsoft peering  
**Private peering**  
Public peering  
Virtual network peering

Connection to SQL1:

Microsoft peering  
**Microsoft peering**  
Private peering  
Public peering  
Virtual network peering

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

Connection to Vnet1:

Private peering  
Microsoft peering  
**Private peering**  
Public peering  
Virtual network peering

Connection to SQL1:

Microsoft peering  
**Microsoft peering**  
Private peering  
Public peering  
Virtual network peering

NEW QUESTION 14

- (Topic 3)

You have an Azure application gateway for a web app named App1. The application gateway allows end-to-end encryption.

You configure the listener for HTTPS by uploading an enterprise signed certificate. You need to ensure that the application gateway can provide end-to-end encryption for

App1. What should you do?



- A. Set Listener type to Multi site.
- B. Increase the Unhealthy threshold setting in the custom probe.
- C. Upload the public key certificate to the HTTPS settings.
- D. Enable the SSL profile for the listener.

**Answer:** C

**Explanation:**

Reference:  
<https://docs.microsoft.com/en-us/azure/application-gateway/end-to-end-ssl-portal>  
<https://docs.microsoft.com/en-us/azure/application-gateway/create-ssl-portal#configuration- tab>

**NEW QUESTION 17**

- (Topic 3)  
You have an Azure application gateway named AGW1 that has a routing rule named Rule1. Rule 1 directs traffic for <http://www.contoso.com> to a backend pool named Pool1. Pool1 targets an Azure virtual machine scale set named VMSS1.  
You deploy another virtual machine scale set named VMSS2.  
You need to configure AGW1 to direct all traffic for <http://www.adatum.com> to VMSS2. The solution must ensure that requests to <http://www.contoso.com> continue to be directed to Pool1.  
Which three actions should you perform? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. Add a backend pool.
- B. Modify an HTTP setting.
- C. Add an HTTP setting.
- D. Add a listener.
- E. Add a rule.

**Answer:** ADE

**Explanation:**

Reference:  
<https://docs.microsoft.com/en-us/azure/application-gateway/configuration-overview>

**NEW QUESTION 22**

HOTSPOT - (Topic 3)  
You have an Azure subscription that contains an app named Appl. App1 is hosted on the Azure App Service instances shown in the following table.

Name	Location
AppSrv1	East US
AppSrv2	East US
AppSrv3	North Europe
AppSrv4	North Europe

You need to implement Azure Traffic Manager to meet the following requirements:

- App1 traffic must be assigned equally to each App Service instance in each Azure region.
- App1 traffic from North Europe must be routed to the Appl instances in the North Europe region.
- App1 traffic from North America must be routed to the Appl instances in the East US Azure region.

**Answer Area**

Minimum number of Traffic Manager profiles required: 

2

1

2

3

4

Routing method for the traffic in each region: 

Performance

Geographic

Performance

Priority

Weighted

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Minimum number of Traffic Manager profiles required:

Routing method for the traffic in each region:

**NEW QUESTION 23**

- (Topic 3)

Your company has four branch offices and an Azure Subscription. The subscription contains an Azure VPN gateway named GW1. The branch offices are configured as shown in the following table.

Name	Local router	Local network gateway	Connection	VPN gateway
Branch1	RTR1	LNG1	Connection1	GW1
Branch2	RTR2	LNG2	Connection2	GW1
Branch3	RTR3	LNG3	Connection3	GW1
Branch4	RTR4	LNG4	Connection4	GW1

The branch office routers provide internet connectivity and Site-to-Site VPN connections to GW1.

The users in Branch1 report that they can connect to internet resources, but cannot access Azure resources.

You need to ensure that the Branch1 users can connect to the Azure Resources. The solution must meet the following requirements:

- Minimize downtime for all users.
- Minimize administrative effort. What should you do first?

- A. Reset RTR1.
- B. Reset Connection1.
- C. Reset GW1.
- D. Recreate LNG1.

**Answer: B**

**NEW QUESTION 26**

- (Topic 3)

You have the Azure virtual networks shown in the following table.

Name	Resource group	Location
Vnet1	RG1	East US
Vnet2	RG1	UK West
Vnet3	RG1	East US
Vnet4	RG1	UK West

You have the Azure resources shown in the following table.

Name	Type	Virtual network	Resource group	Location
VM1	Virtual machine	Vnet1	RG1	East US
VM2	Virtual machine	Vnet2	RG2	UK West
VM3	Virtual machine	Vnet3	RG3	East US
App1	App Service	Vnet1	RG4	East US
st1	Storage account	<i>Not applicable</i>	RG5	UK West

You need to check latency between the resources by using connection monitors in Azure Network Watcher.

What is the minimum number of connection monitors that you must create?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

**Answer: C**

**NEW QUESTION 28**

- (Topic 3)

You have an internal Basic Azure Load Balancer named LB1 That has two frontend IP addresses. The backend pool of LB1 contains two Azure virtual machines named VM1 and VM2.

You need to configure the rules on LB1 as shown in the following table.

Rule	Frontend IP address	Protocol	ILB1 port	Destination	VM port
1	65.52.0.1	TCP	80	IP address of the NIC of VM1 and VM2	80
2	65.52.0.2	TCP	80	IP address of the NIC of VM1 and VM2	80

What should you do for each rule?

- A. Enable Floating IP.
- B. Disable Floating IP.
- C. Set Session persistence to Enabled.
- D. Set Session persistence to Disabled

**Answer:** A

**NEW QUESTION 30**

HOTSPOT - (Topic 3)

You need to connect an on-premises network and an Azure environment. The solution must use ExpressRoute and support failing over to a Site-to-Site VPN connection if there is an ExpressRoute failure.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Routing type:

Policy-based

Route-based

Static routing

Number of virtual network gateways:

1

2

3

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Answer Area

Routing type:

Policy-based

Route-based

Static routing

Number of virtual network gateways:

1

2

3

**NEW QUESTION 31**

- (Topic 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.

You have an Azure subscription that contains the following resources:

- \* A virtual network named Vnet1
- \* A subnet named Subnet1 in Vnet1
- \* A virtual machine named VM1 that connects to Subnet1
- \* Three storage accounts named storage1, storage2, and storage3

You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.

Solution: You create a network security group (NSG) and associate the NSG to Subnet1. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 34**

- (Topic 3)

You have five virtual machines that run Windows Server. Each virtual machine hosts a different web app.

You plan to use an Azure application gateway to provide access to each web app by using a hostname of www.contoso.com and a different URL path for each web app, for example: https://www.contoso.com/app1.

You need to control the flow of traffic based on the URL path. What should you configure?

- A. rules
- B. rewrites
- C. HTTP settings



D. listeners

**Answer:** A

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/application-gateway/url-route-overview>

### NEW QUESTION 36

- (Topic 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.

You have two Azure virtual networks named Vnet1 and Vnet2.

You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to- Site (P2S) IKEv2 VPN.

You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit. Vnet2 can use the remote gateway.

You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2. Solution: You reset the gateway of Vnet1.

Does this meet the goal?

A. Yes

B. No

**Answer:** B

**Explanation:**

The VPN client must be downloaded again if any changes are made to VNet peering or the network topology.

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing>

### NEW QUESTION 39

HOTSPOT - (Topic 3)

Your on-premises network contains the subnets shown in the following table.

Name	IPv4 network address
Subnet1	192.168.10.0/24
Subnet2	192.168.20.0/24

The network contains a firewall named FW1 that uses a public IP address of 131.107.100.200.

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
VNet1	Virtual network	Uses an address space of 10.1.0.0/16
GW1	Virtual network gateway	<ul style="list-style-type: none"> <li>Uses a public IP address of 20.231.231.174</li> <li>Uses a private IP address of 10.1.255.10</li> </ul>
GatewaySubnet	Subnet	Uses an address space of 10.1.255.0/27
LNG1	Local network gateway	None

You plan to configure a Site-to-Site (S2S) VPN named VPN1 that will connect GW1 to FW1.

You need to configure LNG1 to support VPN1. The solution must meet the following requirements:

- Ensure that the resources on Subnet1 and Subnet2 can communicate with the resources on VNet1.
- Minimize administrative effort.

How should you configure LNG1? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Address space:

10.1.255.0/27

10.1.0.0/16

10.1.255.0/27

192.168.10.0/23

192.168.10.0/24 and 192.168.20.0/24

IP address:

20.231.231.174

10.1.0.1

10.1.255.10

20.231.231.174

131.107.100.200

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Address space: 10.1.255.0/27

IP address: 20.231.231.174

NEW QUESTION 40

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the virtual networks shown in the following table.

Name	Subnet	Peered with
VNet1	Subnet11, Subnet12	VNet2
VNet2	Subnet21	VNet1

The subscription contains the virtual machines shown in the following table.

Name	Connected to	Availability set
VM1	Subnet11	AS1
VM2	Subnet11	AS1
VM3	Subnet12	None
VM4	Subnet21	None

You create a load balancer named LB1 that has the following configurations:

- SKU: Basic
- Type: Internal
- Subnet: Subnet12
- Virtual network VNet1

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
LB1 can balance requests between VM1 and VM2.	<input type="radio"/>	<input type="radio"/>
LB1 can balance requests between VM2 and VM3.	<input type="radio"/>	<input type="radio"/>
LB1 can balance requests between VM3 and VM4.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
LB1 can balance requests between VM1 and VM2.	<input checked="" type="radio"/>	<input type="radio"/>
LB1 can balance requests between VM2 and VM3.	<input type="radio"/>	<input checked="" type="radio"/>
LB1 can balance requests between VM3 and VM4.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 44

HOTSPOT - (Topic 3)

You configure a route table named RT1 that has the routes shown in the following table.

Name	Prefix	Next hop type	Next hop IP address
Route1	0.0.0.0/0	Network virtual appliance (NVA)	192.168.0.4
Route2	10.0.0.0/24	Network virtual appliance (NVA)	192.168.0.4

You have an Azure virtual network named Vnet1 that has the subnets shown in the following table.

Name	Prefix	Route table
DMZ	192.168.0.0/24	None
FrontEnd	192.168.1.0/24	RT1
BackEnd	192.168.2.0/24	None

You have the resources shown in the following table.

Name	IP address	Type
NVA1	192.168.0.4	NVA
VM1	192.168.1.4	Virtual machine
VM2	192.168.2.4	Virtual machine

Vnet1 connects to an ExpressRoute circuit. The on-premises router advertises the following routes:

\* 0.0.0.0/0

\* 10.0.0.0/16

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area	Statements	Yes	No
	Internet traffic from NVA1 is routed to the on-premises network.	<input type="radio"/>	<input type="radio"/>
	Traffic from VM1 is routed to the on-premises network through NVA1.	<input type="radio"/>	<input type="radio"/>
	Traffic from VM1 is routed to VM2 through NVA1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area	Statements	Yes	No
	Internet traffic from NVA1 is routed to the on-premises network.	<input checked="" type="radio"/>	<input type="radio"/>
	Traffic from VM1 is routed to the on-premises network through NVA1.	<input checked="" type="radio"/>	<input type="radio"/>
	Traffic from VM1 is routed to VM2 through NVA1.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 47

- (Topic 3)

You have an Azure subscription that contains multiple virtual machines in the West US Azure region.

You need to use Traffic Analytics.

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

NOTE: Each correct answer selection is worth one point.

- A. an Azure Monitor workbook
- B. a Log Analytics workspace C a storage account
- C. an Azure Sentinel workspace
- D. an Azure Monitor data collection rule

Answer: BC

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics> A storage account is used to store network security group flow logs.

A Log Analytics workspace is used by Traffic Analytics to store the aggregated and indexed data that is then used to generate the analytics.

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics#enable-flow-log-settings>

NEW QUESTION 50

- (Topic 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.

You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled.

You configure the application gateway to direct traffic to the URL of the application gateway.

You attempt to access the URL and receive an HTTP 403 error. You view the diagnostics log and discover the following error.



```
{
  "timestamp": "2021-06-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g57l-463hw3679512/RESOURCEGROUPS/rg1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\\\*pm AppleWebKit Android\\\\*' against '\\\\*REQUEST_HEADER:User-Agent\\\\*' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "appl.contoso.com",
    "transactionId": "f7546159yhjk7wall4568if5131t68h7",
    "policyId": "default",
    "policyScope": "Global",
    "popolicyScopeName": "Global",
  }
}
```

You need to ensure that the URL is accessible through the application gateway. Solution: You add a rewrite rule for the host header. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**  
<https://docs.microsoft.com/en-us/azure/application-gateway/rewrite-http-headers-url#limitations>

**NEW QUESTION 53**

- (Topic 3)  
You plan to publish a website that will use an FQDN of www.contoso.com. The website will be hosted by using the Azure App Service apps shown in the following table.

Name	FQDN	Location	Public IP address
AS1	As1.contoso.com	East US	131.107.100.1
AS2	As2.contoso.com	West US	131.107.200.1

You plan to use Azure Traffic Manager to manage the routing of traffic for www.contoso.com between AS1 and AS2. You need to ensure that Traffic Manager routes traffic for www.contoso.com. Which DNS record should you create?

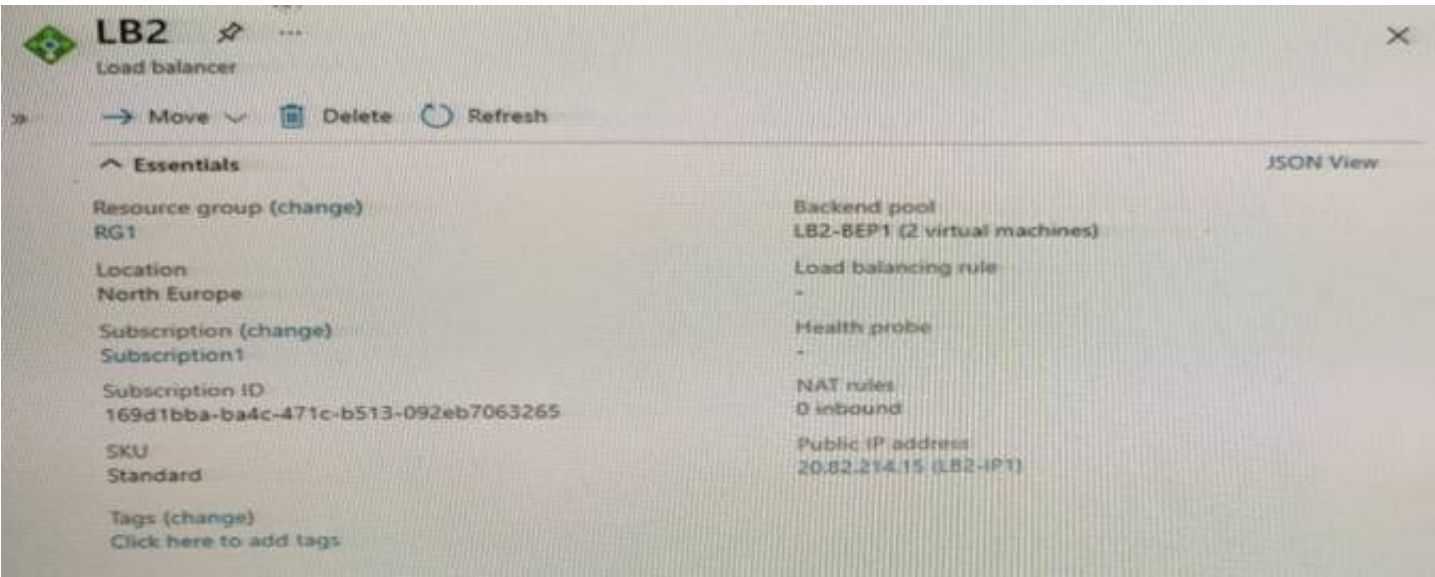
- A. two A records that map wmv.contoso.com to 131 107 100 1 and 131 107 200 1
- B. a CNAME record that maps www.contoso.com to TMprofile1.azurefd.net
- C. a CNAME record that mapswww.contoso.comtoTMprofile1.trafficmanager.net
- D. a TXT record that contains a string ofas1.contoso.com and as2.contoso.com in the details

**Answer:** C

**Explanation:**  
Reference:  
<https://docs.microsoft.com/en-us/azure/traffic-manager/quickstart-create-traffic-manager- profile>  
<https://docs.microsoft.com/en-us/azure/app-service/configure-domain-traffic-manager>

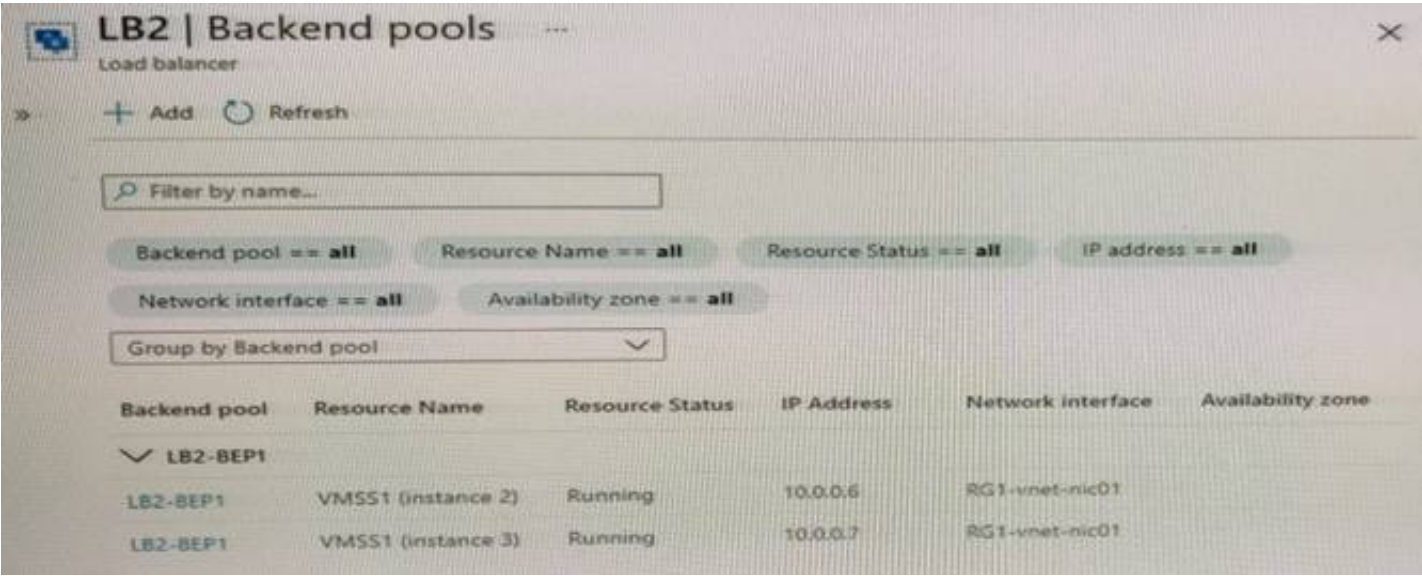
**NEW QUESTION 56**

- (Topic 3)  
You have the Azure load balancer shown in the Load Balancer exhibit.



LB2 has the backend pools shown in the Backend Pools exhibit.





You need to ensure that LB2 distributes traffic to all the members of VMSS1.  
Which two actions should you perform? Each correct answer presents part of the solution.  
NOTE: Each correct selection is worth one point.

- A. Add a network interface to VMSS1.
- B. Configure a health probe.
- C. Add a public IP address to each member of VMSS1.
- D. Add a load balancing rule.

Answer: BD

Explanation:

Reference:  
<https://docs.microsoft.com/en-us/azure/load-balancer/quickstart-load-balancer-standard-public-portal?tabs=option-1-create-load-balancer-standard>

NEW QUESTION 58

HOTSPOT - (Topic 3)  
You have an Azure subscription that contains the virtual networks.shown in the following table.

Name	Location	IP address space
Vnet1	East US 2	10.5.0.0/16
Vnet2	East US 2	10.3.0.0/16
Vnet3	East US 2	10.4.0.0/16

You have a virtual machine named VM5 that has the following IP address configurations:

- IP address: 10.4.0.5
- Subnet mask:255.255.255.0
- Default gateway:10.4.0.1
- DNSserver:168.63.129.16

You have an Azure Private DNS zone named, fabrikam.com that contains the records shown in, the following table.

Name	Type	Value
app1	CNAME	lb1.fabrikam.com
lb1	A	10.3.0.7
vm1	A	10.3.0.4

The virtual network links in the fabrikam.com DNS /one are configured as shown in the exhibit. (Click the Exhibit tab.)  
VMS fails to resolve the IP address for.appKfabrik3in.com.  
For each of the following statements, select Yes if, the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Answer Area		
Statements	Yes	No
Updating the IP address configurations of VM5 to use a DNS server address of 10.4.0.2 will enable the virtual machine to resolve app1.fabrikam.com.	<input type="radio"/>	<input type="radio"/>
Enabling a virtual network link for Vnet3 in the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	<input type="radio"/>	<input type="radio"/>
Adding an A record for app1.fabrikam.com to the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	<input type="radio"/>	<input checked="" type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**Answer Area**

Statements	Yes	No
Updating the IP address configurations of VM5 to use a DNS server address of 10.4.0.2 will enable the virtual machine to resolve app1.fabrikam.com.	<input type="radio"/>	<input checked="" type="radio"/>
Enabling a virtual network link for Vnet3 in the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	<input type="radio"/>	<input checked="" type="radio"/>
Adding an A record for app1.fabrikam.com to the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	<input type="radio"/>	<input checked="" type="radio"/>

### NEW QUESTION 61

- (Topic 3)

You need to use Traffic Analytics to monitor the usage of applications deployed to Azure virtual machines. Which Azure Network Watcher feature should you implement first?

- A. Connection monitor
- B. Packet capture
- C. NSG flow logs
- D. IP flow verify

**Answer: C**

### NEW QUESTION 62

HOTSPOT - (Topic 3)

You have two Azure virtual networks named Vnet1 and Vnet2 in an Azure region that has three availability zones.

You deploy 12 virtual machines to each virtual network, deploying four virtual machines per zone. The virtual machines in Vnet1 host an app named App1. The virtual machines in Vnet2 host an app named App2.

You plan to use Azure Virtual Network NAT to implement outbound connectivity for App1 and App2.

You need to identify the minimum number of subnets and Virtual Network NAT instances required to meet the following requirements:

- A failure of two zones must NOT affect the availability of either App1 or App2.
- A failure of two zones must NOT affect the outbound connectivity of either App1 or App2. What should you identify? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

Minimum number of subnets:	<div>1</div> <div>2</div> <div>6</div> <div>12</div>
Minimum number of Virtual Network NAT instances:	<div>1</div> <div>2</div> <div>6</div> <div>12</div>

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

**Answer Area**

Minimum number of subnets:	<div>1</div> <div>2</div> <div>6</div> <div>12</div>
Minimum number of Virtual Network NAT instances:	<div>1</div> <div>2</div> <div>6</div> <div>12</div>

### NEW QUESTION 63

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the resource groups shown in the following table.

Name	Location
RG1	East US
RG2	UK West

You have the virtual networks shown in the following table.

Vnet1 contains two virtual machines named VM1 and VM2. Vnet2 contains two virtual machines named VM3 and VM4. You have the network security groups



(NSGs) shown in the following table that include only default rules.

Name	Associated to
Nsg1	Sb1
Nsg2	Network interface of VM2
Nsg3	Network interface of VM3
Nsg4	Sb4

You have the Azure load balancers shown in the following table.

Name	Resource group	Location	Type	Backend pool	Virtual machine	Rule
Lb1	RG1	East US	Public	Vnet1	VM1	Protocol: TCP Port: 80 Backend port: 80
Lb2	RG2	West US	Internal	Vnet2	VM3	Protocol: TCP Port: 1433 Backend port: 1433

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

**NOTE:** Each correct selection is worth one point.

Answer Area		
Statements	Yes	No
VM2 can be added to the backend pool of Lb2.		
VM4 can access VM3 via port 1433 by using the frontend address of Lb2.		
VM1 can be accessed via port 80 from the internet by using the frontend address of Lb1.		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area		
Statements	Yes	No
VM2 can be added to the backend pool of Lb2.		<input checked="" type="checkbox"/>
VM4 can access VM3 via port 1433 by using the frontend address of Lb2.	<input checked="" type="checkbox"/>	
VM1 can be accessed via port 80 from the internet by using the frontend address of Lb1.	<input checked="" type="checkbox"/>	

NEW QUESTION 68

- (Topic 3)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
App1	Azure App Service	A web app
Gateway1	Azure Application Gateway	includes an SSL certificate that has a subject name of *.contoso.com

Gateway1 provides access to App1 by using a URL of http://app1.contoso.com. You create a new web app named App2. You need to configure Gateway1 to enable minimize administrative effort. What should you configure on Gateway1?

- A. a backend pool and a routing
- B. a listener and a routing rule
- C. a listener, a backend pool, and a rule
- D. a listener and a backend pool

Answer: B

**NEW QUESTION 72**

- (Topic 3)

You are planning the IP addressing for the subnets in Azure virtual networks. Which type of resource requires IP addresses in the subnets?

- A. internal load balancers
- B. storage account
- C. service endpoints
- D. service endpoint policies

Answer: A

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

**NEW QUESTION 73**

HOTSPOT - (Topic 3)

You have an Azure subscription. The subscription contains virtual machines that host websites as shown in the following table.

Name	Public host name	Location
VM1	site1.us.contoso.com	East US
VM2	site1.uk.contoso.com	UK West
VM3	site2.us.contoso.com	East US
VM4	site2.uk.contoso.com	UK West
VM5	site2.japan.contoso.com	Japan West

You have the Azure Traffic Manager profiles shown in the following table.

Name	Routing method	DNS name	Hosted on
Tm1	Performance	site1.contoso.com	VM1 and VM2
Tm2	Priority	site2.contoso.com	VM3, VM4, and VM5

You have the endpoints shown in the following table.

Name	Traffic Manager profile	Azure endpoint	Routing method parameter	Status
Ep1	Tm1	VM1	1	Degraded
Ep2	Tm1	VM2	2	Online
Ep3	Tm2	VM3	1	CheckingEndpoint
Ep4	Tm2	VM4	2	Online
Ep5	Tm2	VM5	3	Online

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

NOTE: Each connect selection is worth one point.

**Answer Area**

**Statements**

A user that requests site1.contoso.com from the East US Azure region will connect to site1.us.contoso.com.

**Yes**

☐

**No**

☐

A user that requests site2.contoso.com from the East US Azure region will connect to site2.uk.contoso.com.

☐
☐

A user that requests site2.contoso.com from the Japan East Azure region will connect to site2.japan.contoso.com.

☐
☐

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**



Answer Area

Statements	Yes	No
A user that requests site1.contoso.com from the East US Azure region will connect to site1.us.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
A user that requests site2.contoso.com from the East US Azure region will connect to site2.uk.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
A user that requests site2.contoso.com from the Japan East Azure region will connect to site2.japan.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 78**

HOTSPOT - (Topic 3)

You have an Azure private DNS zone named contoso.com that is linked to the virtual networks shown in the following table.

Name	IP address
Vnet1	10.1.0.0/16
Vnet2	10.2.0.0/16

The links have auto registration enabled.  
 You create the virtual machines shown in the following table.

Name	IP address
VM1	10.1.10.10
VM2	10.2.10.10
VM3	10.2.10.11

You manually add the following entry to the contoso.com zone:  
 ? Name: VM1  
 ? IP address: 10.1.10.9  
 For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM2 will resolve vm1.contoso.com to 10.1.10.10.	<input type="radio"/>	<input type="radio"/>
Deleting VM1 will delete all VM1 records automatically.	<input type="radio"/>	<input type="radio"/>
If VM3 obtains a different IP address from Azure, VM3's DNS record is updated automatically.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: No  
 The manual DNS record will overwrite the auto-registered DNS record so VM1 will resolve to 10.1.10.9.  
 Box 2: No  
 The DNS record for VM1 is now a manually created record rather than an auto-registered record. Only auto-registered DNS records are deleted when a VM is deleted.  
 Box 3: No  
 This answer depends on how the IP address is changed. To change the IP address of a VM manually, you would need to select 'Static' as the IP address assignment. In this case, the DNS record will not be updated because only DHCP assigned IP addresses are auto- registered.

**NEW QUESTION 83**

- (Topic 3)

You plan to implement an Azure virtual network that will contain 10 virtual subnets. The subnets will use IPv6 addresses. Each subnet will host up to 200 load-balanced virtual machines.  
 You need to recommend a load balancing solution for the virtual network. The solution must meet the following requirements:  
 • The virtual machines and the load balancer must be accessible only from the virtual network.  
 • Costs must be minimized.  
 What should you include in the recommendation?

- A. Basic Azure Load Balancer
- B. Azure Application Gateway v1 Azure Application Gateway v2
- C. Azure Standard Load Balancer
- D. Azure Application Gateway v2

**Answer:** C

#### NEW QUESTION 86

- (Topic 3)

You plan to configure BGP for a Site-to-Site VPN connection between a datacenter and Azure.

Which two Azure resources should you configure? Each correct answer presents a part of the solution. (Choose two.)

NOTE: Each correct selection is worth one point.

- A. a virtual network gateway
- B. Azure Application Gateway
- C. Azure Firewall
- D. a local network gateway
- E. Azure Front Door

**Answer:** AD

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/bgp-howto>

#### NEW QUESTION 91

- (Topic 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.

You have an Azure subscription that contains an Azure Front Door Premium profile named AFD1 and an Azure Web Application Firewall (WAF) policy named WAF1. AFD1 is associated with WAF1.

You need to configure a rate limit for incoming requests to AFD1. Solution: You configure a managed rule for WAF1.

Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 95

- (Topic 3)

You have 10 Azure App Service instances. Each instance hosts the same web app. Each instance is in a different Azure region.

You need to configure Azure Traffic Manager to direct users to the instance that has the lowest latency.

Which routing method should you use?

- A. geographic
- B. weighted
- C. performance
- D. priority

**Answer:** D

#### NEW QUESTION 98

- (Topic 3)

You have an Azure virtual network named Vnet1 that hosts an Azure firewall named FW1 and 150 virtual machines. Vnet1 is linked to a private DNS zone named contoso.com. All the virtual machines have their name registered in the contoso.com zone.

Vnet1 connects to an on-premises datacenter by using ExpressRoute.

You need to ensure that on-premises DNS servers can resolve the names in the contoso.com zone.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. On the on-premises DNS servers, configure forwarders that point to the frontend IP address of FW1.
- B. On the on-premises DNS servers, configure forwarders that point to the Azure provided DNS service at 168.63.129.16.
- C. Modify the DNS server settings of Vnet1.
- D. For FW1, enable DNS proxy.
- E. For FW1, configure a custom DNS server.

**Answer:** AD

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/private-link/private-endpoint-dns#on-premises-workloads-using-a-dns-forwarder>

<https://azure.microsoft.com/en-gb/blog/new-enhanced-dns-features-in-azure-firewall-now-generally-available/>

#### NEW QUESTION 103

- (Topic 3)

You have an Azure subscription that contains the resources is shown in the following table.

Name	Type	Description
VNet1	Virtual network	Contains two subnets named Subnet1 and Subnet2
VM1	Virtual machine	Connected to Subnet1
azsql1	Azure SQL Database logical server	Has a private endpoint on Subnet2

You need to ensure that the apps hosted on VM1 can resolve the IP address of the What should you create first?

- A. a public DNS zone named database.windows.net
- B. a private DNS zone named database.windows.net
- C. a public DNS zone named private ink.database.windows.net
- D. a private DNS zone named privatelink.database.windows.net

**Answer: C**

#### NEW QUESTION 106

- (Topic 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 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 an Azure subscription that contains the following resources:

- \* A virtual network named Vnet1
- \* A subnet named Subnet1 in Vnet1
- \* A virtual machine named VM1 that connects to Subnet1
- \* Three storage accounts named storage1, storage2. and storage3

You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.

Solution: You create a network security group (NSG). You configure a service tag for MicrosoftStorage and link the tag to Subnet1.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 108

- (Topic 3)

Your company has offices in and Amsterdam. The company has an Azure subscription. Both offices connect to Azure by using a Site-to-Site VPN connection.

The office in Amsterdam uses resources in the North Europe Azure region. The office in New York uses resources in the East US Azure region.

You need to implement ExpressRoute circuits to connect each office to the nearest Azure region. Once the ExpressRoute circuits are connected, the on-premises computers in the Amsterdam office must be able to connect to the on-premises servers in the New York office by using the ExpressRoute circuits.

Which ExpressRoute option should you use?

- A. ExpressRoute Local
- B. ExpressRoute FastPath
- C. ExpressRoute Direct
- D. ExpressRoute Global Reach

**Answer: D**

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-global-reach>

#### NEW QUESTION 109

- (Topic 3)

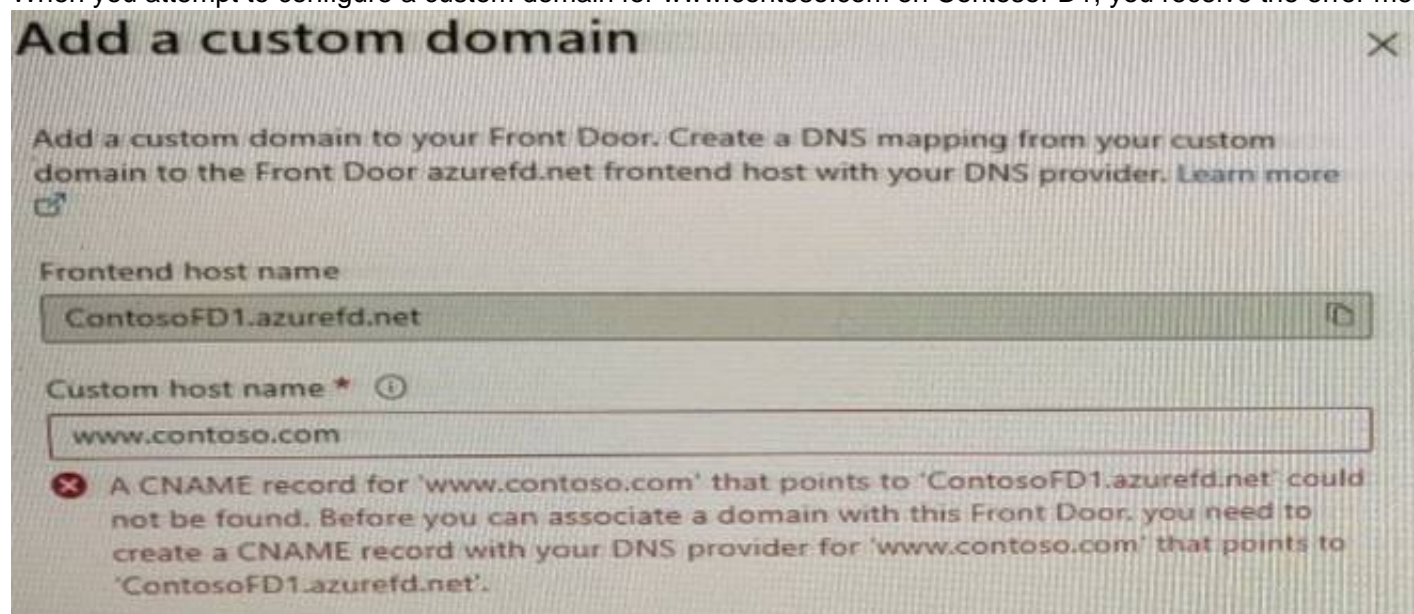
You have a website that uses an FQDN of www.contoso.com. The DNS record for www.contoso.com resolves to an on-premises web server.

You plan to migrate the website to an Azure web app named Web1. The website on Web1 will be published by using an Azure Front Door instance named ContosoFD1.

You build the website on Web1.

You plan to configure ContosoFD1 to publish the website for testing.

When you attempt to configure a custom domain for www.contoso.com on ContosoFD1, you receive the error message shown in the exhibit.



You need to test the website and ContosoFD1 without affecting user access to the on- premises web server.

Which record should you create in the contoso.com DNS domain?

- A. a CNAME record that maps www.contoso.com to ContosoFD1.azurefd.net
- B. a CNAME record that maps www.contoso.com to Web1.contoso.com



- C. a CNAME record that maps afdverify.www.contoso.com to ContosoFD1.azurefd.net  
D. a CNAME record that maps afdverify.www.contoso.com to afdverify.ContosoFD1.azurefd.net

**Answer: D**

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-custom-domain#map-the-temporary-afdverify-subdomain>

#### NEW QUESTION 112

- (Topic 3)

You have an Azure Virtual Desktop deployment that has 500 session hosts. All outbound traffic to the internet uses a NAT gateway.

During peak business hours, some users report that they cannot access internet resources. In Azure Monitor, you discover many failed SNAT connections.

You need to increase the available SNAT connections. What should you do?

- A. Add a public IP address.  
B. Bind the NAT gateway to another subnet.  
C. Deploy Azure Standard Load Balancer that has outbound rules.

**Answer: A**

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/nat-gateway/nat-gateway-resource>

#### NEW QUESTION 116

- (Topic 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.

You have an Azure subscription that contains the following resources:

- \* A virtual network named Vnet1
- \* A subnet named Subnet1 in Vnet1
- \* A virtual machine named VM1 that connects to Subnet1
- \* Three storage accounts named storage1, storage2, and storage3

You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.

Solution: You configure the firewall on storage1 to only accept connections from Vnet1. Does this meet the goal?

- A. Yes  
B. No

**Answer: B**

#### NEW QUESTION 120

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
appservice1	Azure App Service	Hosts an app named App1
contoso.com	Azure DNS zone	Resolves name requests from the internet
FD1	Azure Front Door	Standard profile with App1 configured as the origin
KeyVault1	Azure Key Vault	Key vault with Permission model set to <b>Vault access policy</b>
KeyVault2	Azure Key Vault	Key vault with Permission model set to <b>Azure role-based access control</b>

You purchase a certificate for app1.contoso.com from a public certification authority (CA) and install the certificate on appservice1.

You need to ensure that App1 can be accessed by using a URL of https://app1.contoso.com. The solution must ensure that all the traffic for App1 is routed via FD1.

Which type of DNS record should you create, and where should you store the certificate? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

**Answer Area**

DNS record type: TXT

Store the certificate in: KeyVault2

- A. Mastered  
B. Not Mastered

**Answer: A**



**Explanation:**

Answer Area

DNS record type:

Store the certificate in:

#### NEW QUESTION 124

HOTSPOT - (Topic 3)

You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 has a /24 IPv4 address space.

You need to subdivide Vnet1. The solution must maximize the number of usable subnets.

What is the maximum number of IPv4 subnets you can create, and how many usable IP addresses will be available per subnet? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Usable IP addresses:

IPv4 subnets:

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

Usable IP addresses:

IPv4 subnets:

#### NEW QUESTION 127

- (Topic 3)

You have an Azure subscription that contains the following resources:

- ? A virtual network named Vnet1
- ? Two subnets named subnet1 and AzureFirewallSubnet
- ? A public Azure Firewall named FW1
- ? A route table named RT1 that is associated to Subnet1
- ? A rule routing of 0.0.0.0/0 to FW1 in RT1

After deploying 10 servers that run Windows Server to Subnet1, you discover that none of the virtual machines were activated.

You need to ensure that the virtual machines can be activated.

What should you do?

- A. Deploy an application security group that allows outbound traffic to 1688.
- B. Deploy an Azure Standard Load Balancer that has an outbound NAT rule
- C. On fw1, configure a DNAT rule for port 1688.
- D. Add an internet route to RT1 for the Azure Key Management Service (KMS).

**Answer: D**

**Explanation:**

Reference:

<https://ryanmangansitblog.com/2020/05/11/firewall-considerations-windows-virtual-desktop- wvd/>

#### NEW QUESTION 131

- (Topic 3)  
 You have an Azure Web Application Firewall (WAF) policy in prevention mode that is associated to an Azure Front Door instance.  
 You need to configure the policy to meet the following requirements:  
 ? Log all connections from Australia.  
 ? Deny all connections from New Zealand.  
 ? Deny all further connections from a network of 131.107.100.0/24 if there are more than 100 connections during one minute.  
 What is the minimum number of objects you should create?

- A. three custom rules that each has one condition
- B. one custom rule that has three conditions
- C. one custom rule that has one condition
- D. one rule that has two conditions and another rule that has one condition

**Answer:** A

**Explanation:**  
 Reference:  
<https://docs.microsoft.com/en-us/azure/web-application-firewall/afds/afds-overview>

**NEW QUESTION 135**

- (Topic 3)  
 You have the Azure resources shown in the following table.

Name	Type	Location	Description
storage1	Storage account	East US	Read-access geo-redundant storage (RA-GRS)
Vnet1	Virtual network	East US	Contains one subnet

You configure storage1 to provide access to the subnet in Vnet1 by using a service endpoint.  
 You need to ensure that you can use the service endpoint to connect to the read-only endpoint of storage1 in the paired Azure region.  
 What should you do first?

- A. Configure the firewall settings for storage1.
- B. Fail over storage1 to the paired Azure region.
- C. Create a virtual network in the paired Azure region.
- D. Create another service endpoint.

**Answer:** A

**NEW QUESTION 138**

- (Topic 3)  
 You plan to deploy an Azure virtual network. You need to design the subnets.  
 Which three types of resources require a dedicated subnet? Each correct answer presents a complete solution.  
 NOTE: Each correct selection is worth one point.

- A. VPN gateway
- B. Azure Bastion
- C. Azure Active Directory Domain Services (Azure AD DS)
- D. Azure Application Gateway v2
- E. Azure Private Link

**Answer:** ABD

**Explanation:**  
 Reference:  
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-for-azure-services>

**NEW QUESTION 141**

DRAG DROP - (Topic 3)  
 You have an Azure Front Door instance named FrontDoor1.  
 You deploy two instances of an Azure web app to different Azure regions.  
 You plan to provide access to the web app through FrontDoor1 by using the name app1.contoso.com.  
 You need to ensure that FrontDoor1 is the entry point for requests that use app1.contoso.com.  
 Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Actions**

Add a PTR record to DNS.
Add a CNAME record to DNS.
Add a routing rule to FrontDoor1.
Add a custom domain to FrontDoor1.
Add a rules engine configuration to FrontDoor1.

>

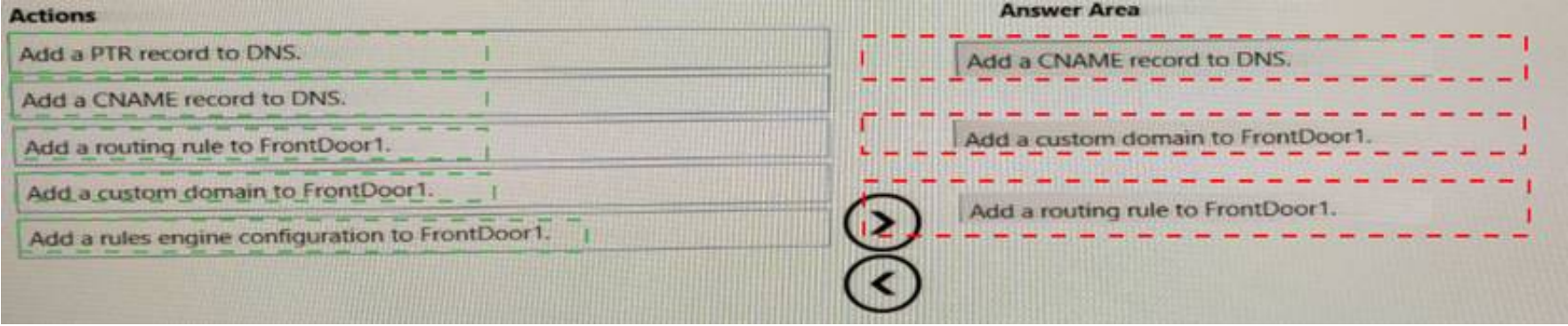
<

**Answer Area**

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



**NEW QUESTION 142**

HOTSPOT - (Topic 3)

You plan to deploy Azure Virtual WAN.

You need to deploy a virtual WAN hub that meets the following requirements:

? Supports 10 sites that will connect to the virtual WAN hub by using a Site-to-Site VPN connection

? Supports 8 Gbps of ExpressRoute traffic

? Minimizes costs

What should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Virtual WAN type:

▼

Basic

Standard

Number of scale units:

▼

2

4

6

8

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Virtual WAN type:

▼

Basic

Standard

Number of scale units:

▼

2

4

6

8

**NEW QUESTION 147**

- (Topic 3)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Description
FW1	Azure Firewall Premium	Has a network intrusion detection and prevention system (IDPS) enabled
HP1	Azure Virtual Desktop host pool	All outbound traffic from HP1 to the subscription's resources route through FW1
Server1	Virtual machine	Hosts an application named App1
KV1	Azure Key Vault	None



Users on HP1 connect to App1 by using a URL of https://app1.comoso.com.

You need to ensure that the IDPS on FW1 can identify security threats in the connections from HP1 to Server1.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable TLS inspection for FW1.
- B. import a server certificate to KV1.
- C. Enable threat intelligence for FW1.
- D. Add an application group to HP1.
- E. Add a secured virtual network to FW1.

**Answer:** AC

#### NEW QUESTION 151

- (Topic 3)

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com. The subscription contains the following resources:

- \* An Azure App Service app named App1
- \* An Azure DNS zone named contoso.com
- \* An Azure private DNS zone named private.contoso.com
- \* A virtual network named Vnet1

You create a private endpoint for App1. The record for the endpoint is registered automatically in Azure DNS.

You need to provide a developer with the name that is registered in Azure DNS for the private endpoint.

What should you provide?

- A. app1.privatelink.azurewebsites.net
- B. app1.contoso.com
- C. app1.contoso.onmicrosoft.com
- D. app1.private.contoso.com

**Answer:** A

#### NEW QUESTION 156

- (Topic 3)

You have an Azure subscription that contains a virtual network name Vnet1. Vnet1 contains a virtual machine named VM1 and an Azure firewall named FW1.

You have an Azure Firewall Policy named FP1 that is associated to FW1.

You need to ensure that RDP requests to the public IP address of FW1 route to VM1. What should you configure on FP1?

- A. an application rule
- B. a network rule
- C. URL filtering
- D. a DNAT rule

**Answer:** D

#### NEW QUESTION 160

HOTSPOT - (Topic 3)

You have an Azure subscription that contains an Azure key vault named Vault1 and an app registration for an Azure AD app named App1.

You have a DNS domain named contoso.com that is hosted by a third-party DNS provider. You plan to deploy App1 by using Azure App Service. App1 will have the following configurations:

- App1 will be hosted across five App Service apps.
- Users will access App1 by using a URL of https://app1.contoso.com.
- The user traffic of App1 will be managed by using Azure Front Door.
- The traffic between Front Door and the App Service apps will be sent by using HTTP.
- App1 will be secured by using an SSL certificate from a third-party certificate authority (CA).

You need to support the Front Door deployment.

Which two DNS records should you create, and to where should you import the SSL certificate for App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

DNS records: A CNAME record and a TXT record

- A CNAME record and a TXT record
- An A record and a SRV record
- An A record and a CNAME record
- A TXT record and a SRV record

Import the certificate to: Vault1

- The app registration for App1
- The App Service apps
- Vault1

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



Answer Area

DNS records:

A CNAME record and a TXT record

A CNAME record and a TXT record

An A record and a SRV record

An A record and a CNAME record

A TXT record and a SRV record

Import the certificate to:

Vault1

The app registration for App1

The App Service apps

Vault1

NEW QUESTION 165

HOTSPOT - (Topic 3)

You have the Azure environment shown In the Azure Environment exhibit. (Click the Azure Environment tab.) The settings for each subnet are shown in the following table.

Subnet	Service endpoint
Vnet1/Subnet1	Storage
Vnet1/Subnet2	Storage
Vnet2/Subnet1	None

The Firewalls and virtual networks settings for storage1 are configured as shown in the Storage1 exhibit. (Click the Storage1 tab.) For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements

Yes

No

VM1 can access storage1.

☐

☐

VM2 can access storage1 by using a service endpoint.

☐

☐

VM3 can access storage1 by using the public IP address.

☐

☐

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

Yes

No

VM1 can access storage1.

☒

☐

VM2 can access storage1 by using a service endpoint.

☐

☒

VM3 can access storage1 by using the public IP address.

☐

☒

NEW QUESTION 170

- (Topic 3)

You have an Azure virtual machine named VM1.

You need to capture all the network traffic of VM1 by using Azure Network Watcher. To which locations can the capture be written?

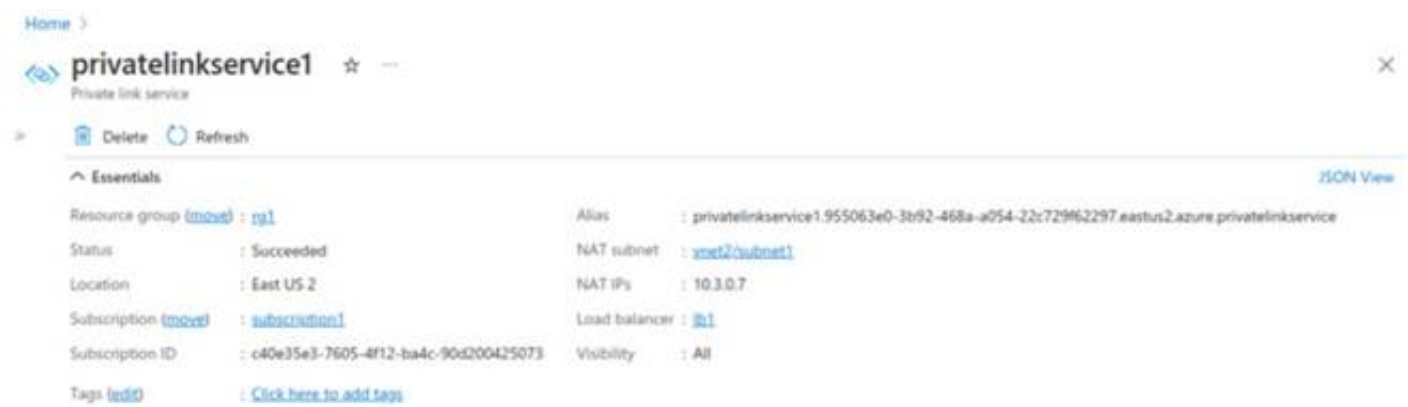
- A. a file path on VM1 only
- B. blob storage only
- C. a premium storage account only
- D. blob storage and a file path on VM1 only
- E. blob storage and a premium storage account only
- F. blob storage, a file path on VM1, and a premium storage account

Answer: D

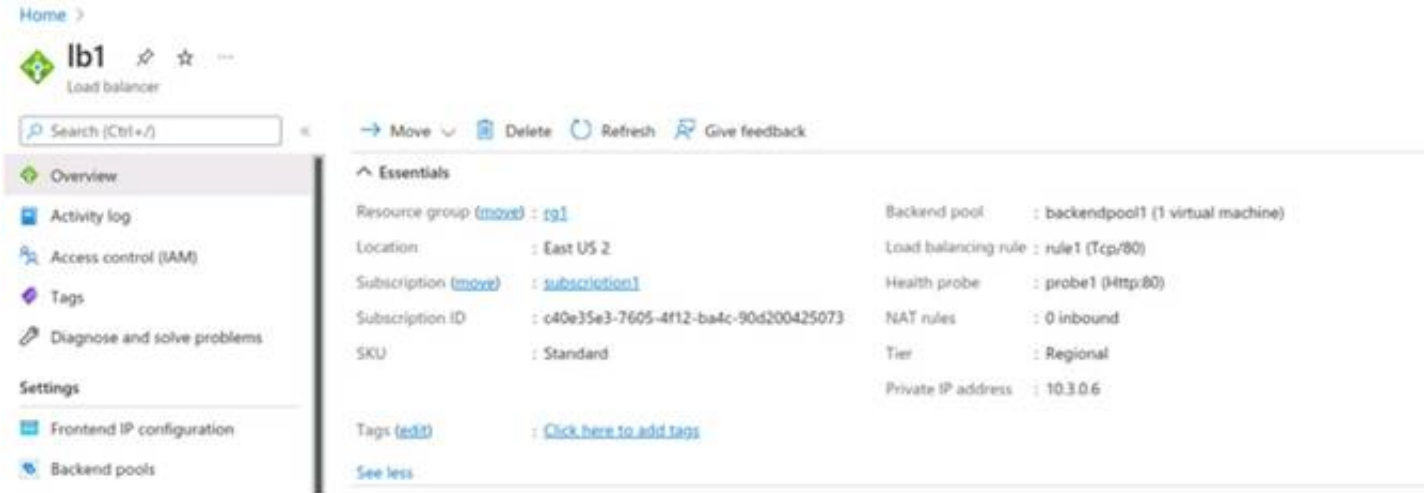
NEW QUESTION 172

HOTSPOT - (Topic 3)

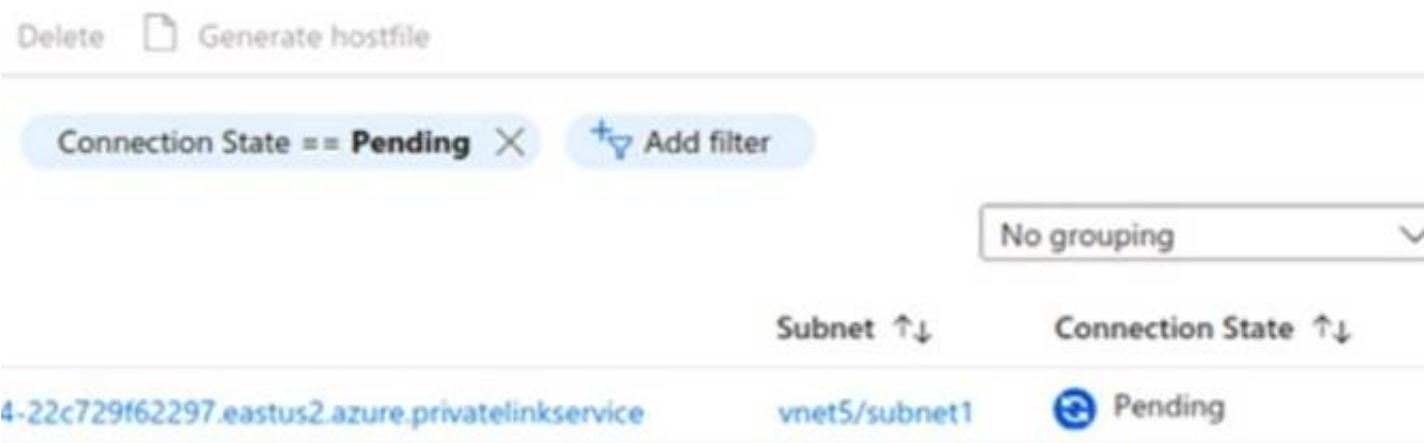
You have two Azure subscriptions named Subscription1 and Subscription2. There are no connections between the virtual networks in two subscriptions. You configure a private link service as shown in the privatelinkservice1 exhibit. (Click the privatelinkservice1 tab.)



You create a load balancer name in Subscription1 and configure the backend pool shown in the lb1 exhibit. (Click tie 1b1 tab.)



You create a private endpoint in Subscription2 as shown in the privateendpoint4 exhibit. (Click the privateendpoint4)



For each of the following statements, select YES if the statement is true. Otherwise. select No.

Statements	Yes	No
The resources that will be accessed by using privatelinkservice1 must be added to backendpool1 on LB1.	<input type="radio"/>	<input type="radio"/>
Users in Subscription2 can connect to the resources published by privatelinkservice1 by using IP address 10.3.0.7.	<input type="radio"/>	<input type="radio"/>
The private endpoint must be approved by an administrator in Subscription1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered


Answer: A

Explanation:  
Yes, Yes, No

NEW QUESTION 176


HOTSPOT - (Topic 3)


You have an Azure firewall shown in the following exhibit.


**Firewall1**

Firewall

>>

 Delete

 Lock

 Visit Azure Firewall Manager to configure and manage this firewall. →

^ Essentials

Resource group (change)  
RG1

Location  
North Europe

Subscription (change)  
Subscription1

Subscription ID  
489f2hht-se7y-987v-g571-463hw3679512

Virtual network  
Vnet1

Firewall policy  
FirewallPolicy1

Provisioning state  
Succeeded

Tags (change)  
[Click here to add tags](#)

Firewall sku  
Standard

Firewall subnet  
[AzureFirewallSubnet](#)

Firewall public IP  
[Firewall-IP1](#)

Firewall private IP  
10.100.253.4

Management subnet

Management public IP

Private IP Ranges  
[Managed by Firewall Policy](#)

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

On Firewall1, forced tunneling [answer choice]

is enabled already

cannot be enabled

is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [answer choice]

is enabled already

cannot be enabled

is disabled but can be enabled


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1:  
If forced tunneling was enabled, the Firewall Subnet would be named AzureFirewallManagementSubnet. Forced tunneling can only be enabled during the creation of the firewall. It cannot be enabled after the firewall has been deployed.  
Box 2:  
The “Visit Azure Firewall Manager to configure and manage this firewall” link in the exhibit shows that the firewall is managed by Azure Firewall Manager.

NEW QUESTION 181  
HOTSPOT - (Topic 3)  
You have the network topology shown in the Topology exhibit. (Click the Topology tab.)



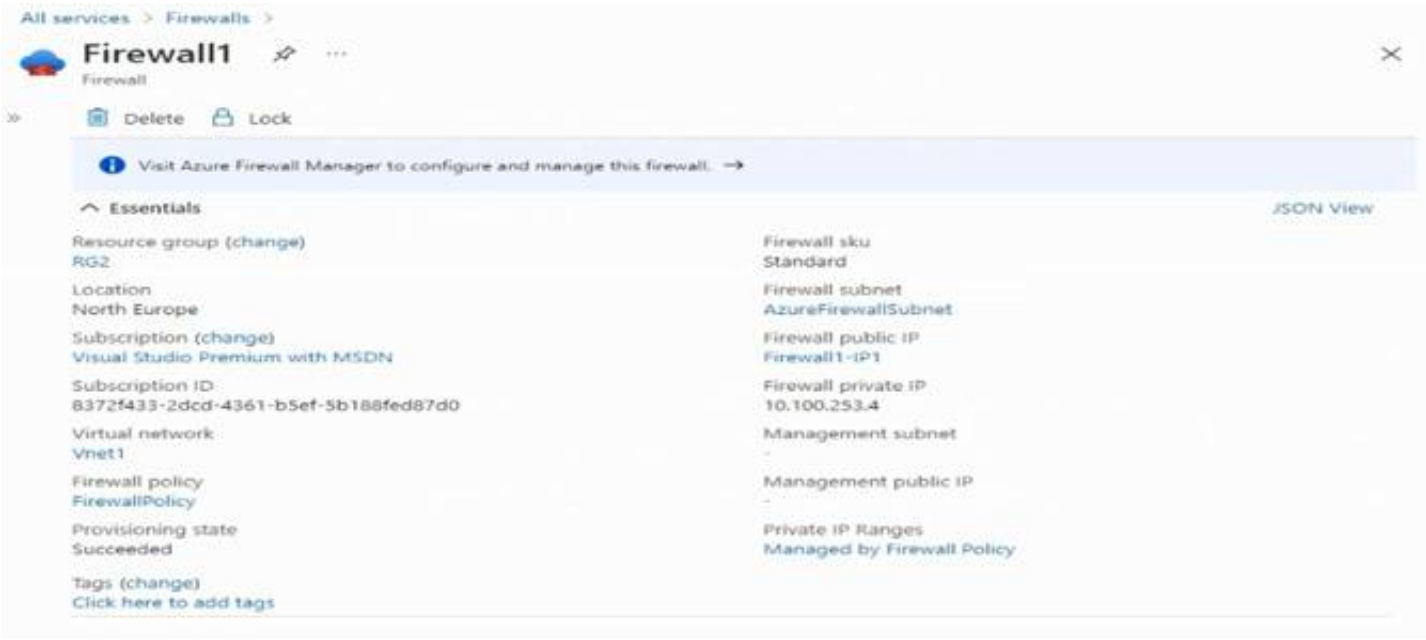
```
graph LR
    OnPrem[On-premises network  
Address space 10.1.0.0/16] ---|Site-to-Site VPN connection| Vnet1[Azure Virtual Network Vnet1  
Address space 10.100.0.0/16]
    Vnet1 ---|Virtual network peering| Vnet2[Azure Virtual Network Vnet2  
Address space 10.101.0.0/16]
    Vnet1 --- Firewall1[Azure Firewall Firewall1]
    Vnet1 --- Subnet1[Subnet1]
    Vnet2 --- Subnet2[Subnet2]
```

You have the Azure firewall shown in the Firewall 1 exhibit. (Click the Firewall tab.)

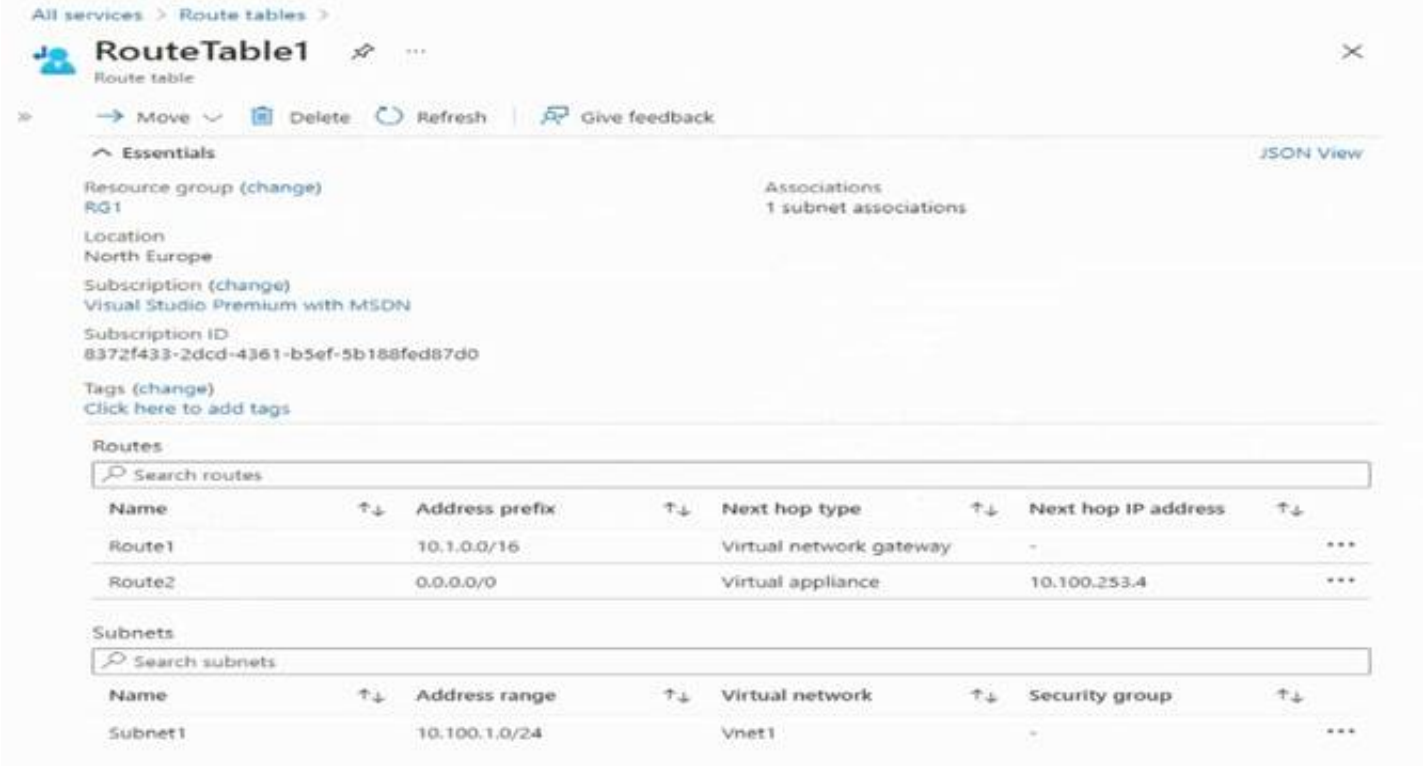
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You have the route table shown in the RouteTable1 exhibit. (Click the RouteTable1 tab.)



For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	<input type="radio"/>	<input type="radio"/>
The resources in Subnet1 can connect to the resources in Vnet2.	<input type="radio"/>	<input type="radio"/>
The resources in Subnet2 can connect to the internet through Firewall1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	<input checked="" type="radio"/>	<input type="radio"/>
The resources in Subnet1 can connect to the resources in Vnet2.	<input type="radio"/>	<input type="radio"/>
The resources in Subnet2 can connect to the internet through Firewall1.	<input type="radio"/>	<input type="radio"/>

NEW QUESTION 186

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the virtual machines shown in the following table.

Name	Connected to
VM1	Vnet1/Subnet1
VM2	Vnet1/Subnet2

Subnet1 and Subnet2 are associated to a network security group (NSG) named NSG1 that has the following outbound rule:

- ? Priority: 100
- ? Port: Any
- ? Protocol: Any
- ? Source: Any
- ? Destination: Storage
- ? Action: Deny

You create a private endpoint that has the following settings:

- ? Name: Private1
- ? Resource type: Microsoft.Storage/storageAccounts
- ? Resource: storage1
- ? Target sub-resource: blob
- ? Virtual network: Vnet1
- ? Subnet: Subnet1

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Statements	Yes	No
From VM2, you can create a container in storage1	<input type="radio"/>	<input type="radio"/>
From VM1, you can upload data to a blob storage container in storage1	<input type="radio"/>	<input type="radio"/>
From VM2, you can upload data to a blob storage container in storage1	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Yes, Yes, Yes  
NSG rules applied to the subnet hosting the private endpoint are not applied to the private endpoint. So the NSG1 doesn't limit storage access from either VM1 or VM2. <https://docs.microsoft.com/en-us/azure/storage/common/storage-private-endpoints#network-security-group-rules-for-subnets-with-private-endpoints>

NEW QUESTION 190

DRAG DROP - (Topic 3)  
You have two Azure virtual networks named Hub1 and Spoke1. Hub1 connects to an on-premises network by using a Site-to-Site VPN connection. You are implementing peering between Hub1 and Spoke1. You need to ensure that a virtual machine connected to Spoke1 can connect to the on-premises network through Hub1. How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value 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.

Values

-AllowForwardedTraffic

-AllowGatewayTransit

-UseRemoteGateways

Answer Area

```
$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"

$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"

Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub
    -RemoteVirtualNetworkId $spoke.id
Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
    -RemoteVirtualNetworkId $hub.id
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values

-AllowForwardedTraffic

-AllowGatewayTransit

-UseRemoteGateways

Answer Area

```
$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"

$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"

Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub
    -RemoteVirtualNetworkId $spoke.id -AllowGatewayTransit

Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
    -RemoteVirtualNetworkId $hub.id -UseRemoteGateways
```

NEW QUESTION 195

- (Topic 3)
- You are planning an Azure Point-to-Site (P2S) VPN that will use OpenVPN. Users will authenticate by using an on premises Active Directory domain. Which additional service should you deploy to support the VPN authentication?
- A. a certification authority (CA)
  - B. a RADIUS server
  - C. an Azure key vault
  - D. Azure Active Directory (Azure AD) Application Proxy

Answer: B

Explanation:

Reference:  
<https://docs.microsoft.com/en-us/azure/vpn-gateway/point-to-site-about>

NEW QUESTION 198

- (Topic 3)
- You have an Azure subscription that contains the Azure app service web apps show in the following table:

Name	Location	Description
App1eu	West Europe	Production app service for a URL of https://www.fabrikam.com
App1us	East US	Standby app service for a URL of https://www.fabrikam.com

You need to deploy Azure Traffic Manager. The solution must meet the following requirements:

- Traffic to https://www.fabrikam.com must be directed to App1eu.
- If App1eu becomes unresponsive, all the traffic to https://www.fabrikam.com must be directed to App1us. You need to implement Traffic Manager to meet the requirements.

Which two resources should you create? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. a Traffic Manager profile that uses the priority routing method
  - B. a Traffic Manager profile that uses the geographic routing method
  - C. a CNAME record in a DNS domain named fabrikam.com
  - D. a TXT record in a DNS domain named tabrikam.com
- D. a real user measurements key in Traffic Manager

Answer: AC

NEW QUESTION 199

HOTSPOT - (Topic 3)

You have an Azure virtual network named Vnet1 that contains two subnets named Subnet1 and Subnet2. Both subnets contain virtual machines. You create a NAT gateway named NATgateway1 as shown in the following exhibit.



# Create network address translation (NAT) gateway ...

Validation passed

- Basics
- Outbound IP
- Subnet
- Tags
- Review + create

## Basics

Subscription	Subscription1
Resource group	RG1
Name	NATgateway1
Region	North Europe
Availability zone	-
Idle timeout (minutes)	4

## Outbound IP

Public IP address	None
Public IP prefix	(New) NATgateway1-prefix (28)

## Subnets

Virtual network	Vnet1
Subnets	None

## Tags

None

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic. NOTE: Each correct selection is worth one point.

Answer Area

NATgateway1 can be linked to [answer choice].

only Vnet1

only GatewaySubnet

only Subnet1 or Subnet2

both Subnet1 and Subnet2

only Vnet1

NATgateway1 is assigned [answer choice].

0 IP addresses

0 IP addresses

1 IP address

2 IP addresses

16 IP addresses

28 IP addresses

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NATgateway1 can be linked to [answer choice].

only Vnet1

only GatewaySubnet

only Subnet1 or Subnet2

both Subnet1 and Subnet2

only Vnet1

NATgateway1 is assigned [answer choice].

0 IP addresses

0 IP addresses

1 IP address

2 IP addresses

16 IP addresses

28 IP addresses

### NEW QUESTION 203

HOTSPOT - (Topic 3)

You have the Azure firewall shown in the following exhibit.

Firewall1

Firewall

»

Delete

Lock

Visit Azure Firewall Manager to configure and manage this firewall. →

Essentials

Resource group (change)

RG1

Location

North Europe

Subscription (change)

Subscription1

Subscription ID

169d1bba-ba4c-471c-b513-092eb7063265

Virtual network

Vnet1

Firewall policy

FirewallPolicy1

Provisioning state

Succeeded

Tags (change)

Click here to add tags

Firewall sku

Standard

Firewall subnet

AzureFirewallSubnet

Firewall public IP

Firewall1-IP1

Firewall private IP

10.100.253.4

Management subnet

-

Management public IP

-

Private IP Ranges

Managed by Firewall Policy

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.  
NOTE: Each correct selection is worth one point.

Answer Area

On Firewall1, forced tunneling [answer choice].

cannot be enabled

is enabled already

cannot be enabled

is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [answer choice].

is enabled already

is enabled already

cannot be enabled

is disabled but can be enabled

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

On Firewall1, forced tunneling [answer choice].

cannot be enabled

is enabled already

cannot be enabled

is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [answer choice].

is enabled already

is enabled already

cannot be enabled

is disabled but can be enabled

NEW QUESTION 206

- (Topic 3)  
You are configuring two network virtual appliances (NVAs) in an Azure virtual network. The NVAs will be used to inspect all the traffic within the virtual network. You need to provide high availability for the NVAs. The solution must minimize administrative effort. What shtraffic could you include in the solution?

- A. Azure Standard Load Balancer
- B. Azure Traffic Manager
- C. Azure Application Gateway
- D. Azure Front Door

Answer: A

Explanation:

Reference:  
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/dmz/nva- ha?tabs=cli

NEW QUESTION 207

HOTSPOT - (Topic 3)  
You have the network security groups (NSGs) shown in the following table.

Name	Resource	Prefix
NSG1	Subnet1	10.10.0.0/24
NSG2	Subnet2	10.10.1.0/24

In NSG1, you create inbound rules as shown in the following table.

Source	Priority	Port	Action
*	101	80	Allow
*	150	443	Allow
Virtual network	200	*	Deny

You have the Azure virtual machines shown in the following table.

Name	Subnet
VM1	Subnet1
VM2	Subnet1
VM3	Subnet2

NSG2 has only the default rules configured.  
 For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM3 can connect to port 8080 on VM1.	<input type="radio"/>	<input type="radio"/>
VM1 and VM2 can connect on port 9090.	<input type="radio"/>	<input type="radio"/>
VM1 can connect to VM3 on port 9090.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
 NO, NO, YES  
 \* 1. VM3 can connect to port 8080 on VM1 : false, UserRule\_DenyVirtualNetworkInbound  
 \* 2. VM1 and VM2 can connect on port 9090: false, UserRule\_DenyVirtualNetworkInbound  
 \* 3. VM1 can connect to VM3 on port 9090: true

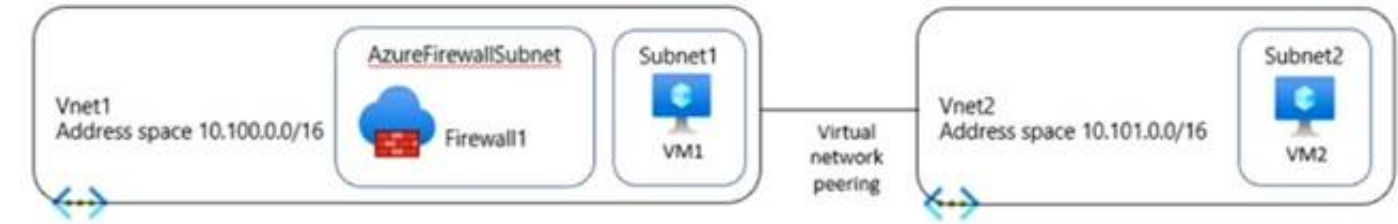
**NEW QUESTION 208**

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the resources shown in the following table.

Name	Type
Vnet1	Virtual network
Vnet2	Virtual network
Firewall1	Azure Firewall
Subnet1	Virtual subnet
Subnet2	Virtual subnet
VM1	Virtual machine
VM2	Virtual machine

The virtual network topology is shown in the following exhibit.



Firewall1 is configured as shown in following exhibit.



Firewall1

Firewall

Delete

Lock

Visit Azure Firewall Manager to configure and manage this firewall. →

Essentials

Resource group (change)  
RG1

Location  
North Europe

Subscription (change)  
Subscription1

Virtual network  
Vnet1

Firewall policy  
FirewallPolicy1

Provisioning state  
Succeeded

Tags (change)  
Click here to add tags

Firewall sku  
Standard

Firewall subnet  
AzureFirewallSubnet

Firewall public IP  
Firewall1-IP1

Management subnet  
-

Management public IP  
-

Private IP Ranges  
Managed by Firewall Policy

FirewallPolicy1 contains the following rules:

- Allow outbound traffic from Vnet1 and Vnet2 to the internet.
- Allow any traffic between Vnet1 and Vnet2.

No custom private endpoints, service endpoints, routing tables, or network security groups (NSGs) were created. For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements

A routing table must be associated with Subnet1 and Subnet2 to ensure that all internet traffic for VM1 and VM2 is sent via Firewall1.

The enable remote gateway setting must be enabled on the virtual net peering to provide VM2 Internet access by using Firewall1.

Firewall1 can be configured to limit access to websites by categories.

Yes

No

A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements

A routing table must be associated with Subnet1 and Subnet2 to ensure that all internet traffic for VM1 and VM2 is sent via Firewall1.

The enable remote gateway setting must be enabled on the virtual net peering to provide VM2 Internet access by using Firewall1.

Firewall1 can be configured to limit access to websites by categories.

Yes

No

NEW QUESTION 211

HOTSPOT - (Topic 3)

You have an Azure application gateway.

You need to create a rewrite rule that will remove the origin port from the HTTP header of incoming requests that are being forwarded to the backend pool.

How should you configure each setting? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Common header:

X-Forwarded-For

Via

X-Forwarded-For

X-Forwarded-Host

Header value:

client\_port

add\_x\_forwarded\_for\_proxy

client\_port

host

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- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Common header:

X-Forwarded-For

Via

X-Forwarded-For

X-Forwarded-Host

Header value:

client\_port

add\_x\_forwarded\_for\_proxy

client\_port

host

NEW QUESTION 212

- (Topic 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. You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled. You configure the application gateway to direct traffic to the URL of the application gateway. You attempt to access the URL and receive an HTTP 403 error. You view the diagnostics log and discover the following error.

```
{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g57l-463hw3479512/RESOURCEGROUPS/rg1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of \"\"pm AppleWebKit Android\"\" against \"\"REQUEST_HEADERS:User-Agent\"\" required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wall4568if5131t6bh7",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global",
}
```

You need to ensure that the URL is accessible through the application gateway. Solution: You create a WAF policy exclusion for request headers that contain 137.135.10.24. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The parameter here should be RemoteAddr not Request header. <https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/custom-waf-rules-overview#match-variable-required>

NEW QUESTION 214

DRAG DROP - (Topic 3)

You have two Azure subscriptions named Subscnption1 and Subscription2. Subscription1 contains a virtual network named Vnet1. Vnet1 contains an application server. Subscription2 contains a virtual network named Vnet2. You need to provide the virtual machines in Vnet2 with access to the application server in Vnet1 by using a private endpoint. Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Deploy an Azure Standard Load Balancer in front of the application server.

In Subscription1, accept the private endpoint connection request.

In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.

In Subscription2, create a private endpoint by using the private link service ID.

Enable virtual network peering between Vnet1 and Vnet2.

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Deploy an Azure Standard Load Balancer in front of the application server.	In Subscription1, accept the private endpoint connection request.
In Subscription1, accept the private endpoint connection request.	Enable virtual network peering between Vnet1 and Vnet2.
In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.	Deploy an Azure Standard Load Balancer in front of the application server.
In Subscription2, create a private endpoint by using the private link service ID.	In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.
Enable virtual network peering between Vnet1 and Vnet2.	

NEW QUESTION 218

HOTSPOT - (Topic 2)

You are implementing the virtual network requirements for VM Analyze.  
What should you include in a custom route that is linked to Subnet2? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Address prefix:

▼

0.0.0.0/0

0.0.0.0/32

10.1.0.0/16

255.255.255.255/0

255.255.255.255/32

Next hop type:

▼

None

Internet

Virtual appliance

Virtual network

Virtual network gateway

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Address prefix:

▼

0.0.0.0/0

0.0.0.0/32

10.1.0.0/16

255.255.255.255/0

255.255.255.255/32

Next hop type:

▼

None

Internet

Virtual appliance

Virtual network

Virtual network gateway

NEW QUESTION 221

HOTSPOT - (Topic 2)

You create NSG10 and NSG11 to meet the network security requirements.  
For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.



Statements	Yes	No
From VM1, you can establish a Remote Desktop session with VM2.	<input type="radio"/>	<input type="radio"/>
From VM2, you can ping VM1.	<input type="radio"/>	<input type="radio"/>
From VM2, you can establish a Remote Desktop session with VM1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

No  
subnet1(WM1->NSG1 outbound->NSG10 outbound)->subnet2(NSG1 inbound->NSG11 inbound->VM2)  
Yes  
NSG10 blocks ICMP from VNet4 (source 10.10.0.0/16) but it is not blocked from VM2’s subnet (VNet1/Subnet2).  
No  
NSG11 blocks RDP (port TCP 3389) destined for VirtualNetwork. VirtualNetwork is a service tag and means the address space of the virtual network (VNet1) which in this case is 10.1.0.0/16. Therefore, RDP traffic from subnet2 to anywhere else in VNet1 is blocked.

NEW QUESTION 224

HOTSPOT - (Topic 2)  
For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

Statements	Yes	No
VM5 can resolve names in zone2.contoso.com.	<input type="radio"/>	<input type="radio"/>
VM4 has an automatic registration in zone1.contoso.com.	<input type="radio"/>	<input type="radio"/>
You can link zone2.contoso.com to Vnet3 and enable auto registration.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
VM5 can resolve names in zone2.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
VM4 has an automatic registration in zone1.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
You can link zone2.contoso.com to Vnet3 and enable auto registration.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 227

- (Topic 2)  
You need to configure GW1 to meet the network security requirements for the P2S VPN users.  
Which Tunnel type should you select in the Point-to-site configuration settings of GW1?

- A. IKEv2 and OpenVPN (SSL)
- B. IKEv2
- C. IKEv2 and SSTP (SSL)
- D. OpenVPN (SSL)
- E. SSTP (SSL)

Answer: D

Explanation:

Reference:  
<https://docs.microsoft.com/en-us/azure/vpn-gateway/openvpn-azure-ad-tenant>

NEW QUESTION 229

- (Topic 1)  
You need to configure the default route in Vnet2 and Vnet3. The solution must meet the virtual networking requirements.  
What should you use to configure the default route?

- A. a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3
- B. a user-defined route assigned to GatewaySubnet in Vnet1
- C. BGP route exchange
- D. route filters

**Answer:** C

**Explanation:**

VNet 1 will get the default from BGP and propagate it to VNET 2 and 3

**NEW QUESTION 234**

HOTSPOT - (Topic 1)

You need to implement name resolution for the cloud.litwareinc.com. The solution must meet the networking requirements.

To implement automatic DNS name registration in cloud.litwareinc.com:

	▼
Create virtual network links	
Configure conditional forwarding	
Create an SOA record in cloud.litwareinc.com	

To implement name resolution of the cloud.litwareinc.com DNS records from the on-premises locations:

	▼
Enable the Azure Firewall DNS proxy	
Create SRV records in cloud.litwareinc.com	
Deploy an Azure virtual machine configured as a DNS server to Vnet1	

What should you do? To answer, select the

appropriate options in the answer area. NOTE: Each correct selection is worth one point.

To implement automatic DNS name registration in cloud.litwareinc.com:

	▼
Create virtual network links	
Configure conditional forwarding	
Create an SOA record in cloud.litwareinc.com	

To implement name resolution of the cloud.litwareinc.com DNS records from the on-premises locations:

	▼
Enable the Azure Firewall DNS proxy	
Create SRV records in cloud.litwareinc.com	
Deploy an Azure virtual machine configured as a DNS server to Vnet1	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

To implement automatic DNS name registration in cloud.litwareinc.com:

	▼
Create virtual network links	
Configure conditional forwarding	
Create an SOA record in cloud.litwareinc.com	

To implement name resolution of the cloud.litwareinc.com DNS records from the on-premises locations:

	▼
Enable the Azure Firewall DNS proxy	
Create SRV records in cloud.litwareinc.com	
Deploy an Azure virtual machine configured as a DNS server to Vnet1	

**NEW QUESTION 236**

- (Topic 1)

You need to connect Vnet2 and Vnet3. The solution must meet the virtual networking requirements and the business requirements. Which two actions should you include in the solution? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. On the peerings from Vnet2 and Vnet3, select Use remote gateways.
- B. On the peering from Vnet1, select Allow forwarded traffic.
- C. On the peering from Vnet1, select Use remote gateways.
- D. On the peering from Vnet1, select Allow gateway transit.
- E. On the peerings from Vnet2 and Vnet3, select Allow gateway transit.

**Answer:** BD

**NEW QUESTION 238**

HOTSPOT - (Topic 1)

You need to restrict traffic from VMSSet1 to VMSSet2. The solution must meet the virtual networking requirements.  
What is the minimum number of custom NSG rules and NSG assignments required? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Minimum number of custom NSG rules:

1
2
3
4
5

Minimum number of NSG assignments:

1
2
3
4
5

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application Description automatically generated

Box 2: One NSG

The minimum requirement is one NSG. You could attach the NSG to VMSSet1 and restrict outbound traffic, or you could attach the NSG to VMSSet2 and restrict inbound traffic. Either way you would need two custom NSG rules.

Box 1: Two custom rules

With the NSG attached to VMSSet2, you would need to create a custom rule blocking all traffic from VMSSet1. Then you would need to create another custom rule with a higher priority than the first rule that allows traffic on port 443.

The default rules in the NSG will allow all other traffic to VMSSet2.

**NEW QUESTION 241**

HOTSPOT - (Topic 1)

You need to recommend a configuration for the ExpressRoute connection from the Boston datacenter. The solution must meet the hybrid networking requirements and business requirements.

What should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Set the ExpressRoute gateway type to:

▼
High Performance (ERGW2AZ)
Standard Performance (ERGW1AZ)
Ultra Performance (ERGW3AZ)

To minimize latency of traffic to Vnet2:

▼
Create a dedicated ExpressRoute circuit for Vnet2
Connect Vnet2 directly to the ExpressRoute circuit
Configure gateway transit for the peering between Vnet1 and Vnet2

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

For the first question, only ExpressRoute GW SKU Ultra Performance support FastPath feature.

For the second question, vnet1 will connect to ExpressRoute gw, once Vnet1 peers with Vnet2, the traffic from on-premise network will bypass GW and Vnet1, directly goes to Vnet2, while this feature is under public preview.

====Reference

ExpressRoute virtual network gateway is designed to exchange network routes and route network traffic. FastPath is designed to improve the data path performance between your on-premises network and your virtual network. When enabled, FastPath sends network traffic directly to virtual machines in the virtual network, bypassing the gateway.

To configure FastPath, the virtual network gateway must be either: Ultra Performance

ErGw3AZ

VNet Peering - FastPath will send traffic directly to any VM deployed in a virtual network peered to the one connected to ExpressRoute, bypassing the ExpressRoute virtual network gateway.

<https://docs.microsoft.com/en-us/azure/expressroute/about-fastpath> Gateway SKU

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-about-virtual-network-gateways>

**NEW QUESTION 246**



- (Topic 1)

You need to configure the default route on Vnet2 and Vnet3. The solution must meet the virtual networking requirements.  
What should you use to configure the default route?

- A. route filters
- B. BGP route exchange
- C. a user-defined route assigned to GatewaySubnet in Vnet1
- D. a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3

**Answer:** B

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview>

**NEW QUESTION 250**

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