

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

<https://www.2passeasy.com/dumps/AZ-700/>



NEW QUESTION 1

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 2

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 which subnet mask size to use for the virtual subnets. What should you recommend?

A. /64

B. /120

C. /48

D. /24

Answer: A

NEW QUESTION 3

SIMULATION - (Topic 4)

Task 1

You plan to deploy a firewall to subnet1-2. The firewall will have an IP address of 10.1.2.4. You need to ensure that traffic from subnet1-1 to the IP address range of 192.168.10.0/24 is

routed through the firewall that will be deployed to subnet1-2. The solution must be achieved without using dynamic routing protocols.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

? To deploy a firewall to subnet1-2, you need to create a network virtual appliance (NVA) in the same virtual network as subnet1-2. An NVA is a virtual machine that performs network functions, such as firewall, routing, or load balancing1.

? To create an NVA, you need to create a virtual machine in the Azure portal and select an image that has the firewall software installed. You can choose from the Azure Marketplace or upload your own image2.

? To assign the IP address of 10.1.2.4 to the NVA, you need to create a static private IP address for the network interface of the virtual machine. You can do this in the IP configurations settings of the network interface3.

? To ensure that traffic from subnet1-1 to the IP address range of 192.168.10.0/24 is routed through the NVA, you need to create a user-defined route (UDR) table and associate it with subnet1-1. A UDR table allows you to override the default routing behavior of Azure and specify custom routes for your subnets4.

? To create a UDR table, you need to go to the Route tables service in the Azure portal and select + Create. You can give a name and a resource group for the route table5.

? To create a custom route, you need to select Routes in the route table and select + Add. You can enter the following information for the route5:

? To associate the route table with subnet1-1, you need to select Subnets in the route table and select + Associate. You can select the virtual network and subnet that you want to associate with the route table5.

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 mask1. 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 notation1.
- ? 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 list2.
- ? On the Edit subnet page, under Address range (CIDR block), change the value from /24 to /25. Then select Save2.

NEW QUESTION 5

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 6

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 7

SIMULATION - (Topic 4)

Task 5

You need to ensure that requests for wwwjelecloud.com from any of your Azure virtual networks resolve to frontdoor1.azurefd.net.

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for ensuring that requests for wwwjelecloud.com from any of your Azure virtual networks resolve to frontdoor1.azurefd.net:

- ? To use a custom domain with your Azure Front Door, you need to create a CNAME record with your domain provider that points to the Front Door default frontend host. A CNAME record is a type of DNS record that maps a source domain name to a destination domain name1.
- ? To create a CNAME record, you need to sign in to your domain registrar's website and go to the page for managing DNS settings1.
- ? Create a CNAME record with the following information1:
- ? Save your changes and wait for the DNS propagation to take effect1.
- ? To verify the custom domain, you need to go to the Azure portal and select your Front Door profile. Then select Domains under Settings and select Add2.
- ? On the Add a domain page, select Non-Azure validated domain as the Domain type and enter wwwjelecloud.com as the Domain name. Then select Add2.
- ? On the Domains page, select wwwjelecloud.com and select Verify. This will check if the CNAME record is correctly configured2.
- ? Once the domain is verified, you can associate it with your Front Door endpoint.
- On the Domains page, select wwwjelecloud.com and select Associate

endpoint. Then select your Front Door endpoint from the drop-down list and select Associate2.

NEW QUESTION 8

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.pnvatelincblob.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.pnvatelincblob.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.pnvatelincblob.core.windows.net as the custom domain name and select Save2.

NEW QUESTION 9

HOTSPOT - (Topic 4)

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

Name	Type	Description
VWAN1	Azure Virtual WAN	Standard Virtual WAN
Hub1	Azure Virtual WAN hub	Hub for VWAN1
VNet1	Virtual network	Connected to Hub1
VNet2	Virtual network	Connected to Hub1
VNet3	Virtual network	Peered with VNet2
NVA1	Virtual machine	Hosts a routing appliance deployed to VNet2

You establish BGP peering between NVA1 and Hub1.

You need to implement transit connectivity between VNet1 and VNet3 via Hub1 by using BGP peering. The solution must minimize costs.

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

Answer Area

On Hub1, propagate routes from connections to VNet1 and VNet2 to:

- ☐ A custom route table and associate the routes with the same custom route table
- ☐ A custom route table and associate the routes with the defaultRouteTable
- ☒ A custom route table and associate the routes with the same custom route table
- ☐ The defaultRouteTable and associate the routes with the defaultRouteTable

On VNet3, implement:

- ☐ User-defined routes
- ☐ Azure Route Server on a dedicated subnet
- ☐ Azure VPN Gateway on a dedicated subnet
- ☒ User-defined routes

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

On Hub1, propagate routes from connections to VNet1 and VNet2 to:

- ☐ A custom route table and associate the routes with the same custom route table
- ☐ A custom route table and associate the routes with the defaultRouteTable
- ☒ A custom route table and associate the routes with the same custom route table
- ☐ The defaultRouteTable and associate the routes with the defaultRouteTable

On VNet3, implement:

- ☐ User-defined routes
- ☐ Azure Route Server on a dedicated subnet
- ☐ Azure VPN Gateway on a dedicated subnet
- ☒ User-defined routes

NEW QUESTION 10

- (Topic 3)

You have an Azure Front Door instance that has a single frontend named Frontend1 and an Azure Web Application Firewall (WAF) policy named Policy1. Policy1

redirects requests that have a header containing "string1" to <https://www.contoso.com/redirect1>. Policy1 is associated to Frontend1. You need to configure additional redirection settings. Requests to Frontend1 that have a header containing "string2" must be redirected to <https://www.contoso.com/redirect2>. Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a custom rule.
- B. Configure a managed rule.
- C. Create a frontend host.
- D. Create a policy.
- E. Create an association.
- F. Add a custom rule to Policy1.

Answer: CEF

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 11

- (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 13

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:

Routing method for the traffic in each region:

- 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 14

- (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 download and reinstall the VPN client configuration. Does this meet the goal?

- A. Yes
 B. No

Answer: A

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 17

- (Topic 3)

You have an Azure subscription that contains an Azure App Service app. The app uses a URL of <https://www.contoso.com>.

You need to use a custom domain on Azure Front Door for www.contoso.com. The custom domain must use a certificate from an allowed certification authority (CA).

What should you include in the solution?

- A. an enterprise application in Azure Active Directory (Azure AD)
 B. Active Directory Certificate Services (AD CS)
 C. Azure Key Vault
 D. Azure Application Gateway

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-custom-domain-https>

NEW QUESTION 19

- (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 22

HOTSPOT - (Topic 3)

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

Name	Virtual network	Subnet	Workload
SQL1	VNet1	Subnet1	Microsoft SQL Server 2019
Web1	VNet1	Subnet1	IIS
Web2	VNet1	Subnet2	IIS
SQL2	VNet2	Subnet1	Microsoft SQL Server 2019
Web3	VNet2	Subnet1	IIS
SQL3	VNet2	Subnet2	Microsoft SQL Server 2019

VNet1 and VNet2 are NOT connected to each other.

You need to block traffic from SQL Server 2019 to IIS by using application security groups. The solution must minimize administrative effort.

How should you configure the application security groups? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area:

Minimum number of application security groups:

1
2
3
6

Minimum number of application security group assignments:

1
2
3
6

A. Mastered

B. Not Mastered

Answer: A

Explanation:

2 ASGs e 3 assignments,

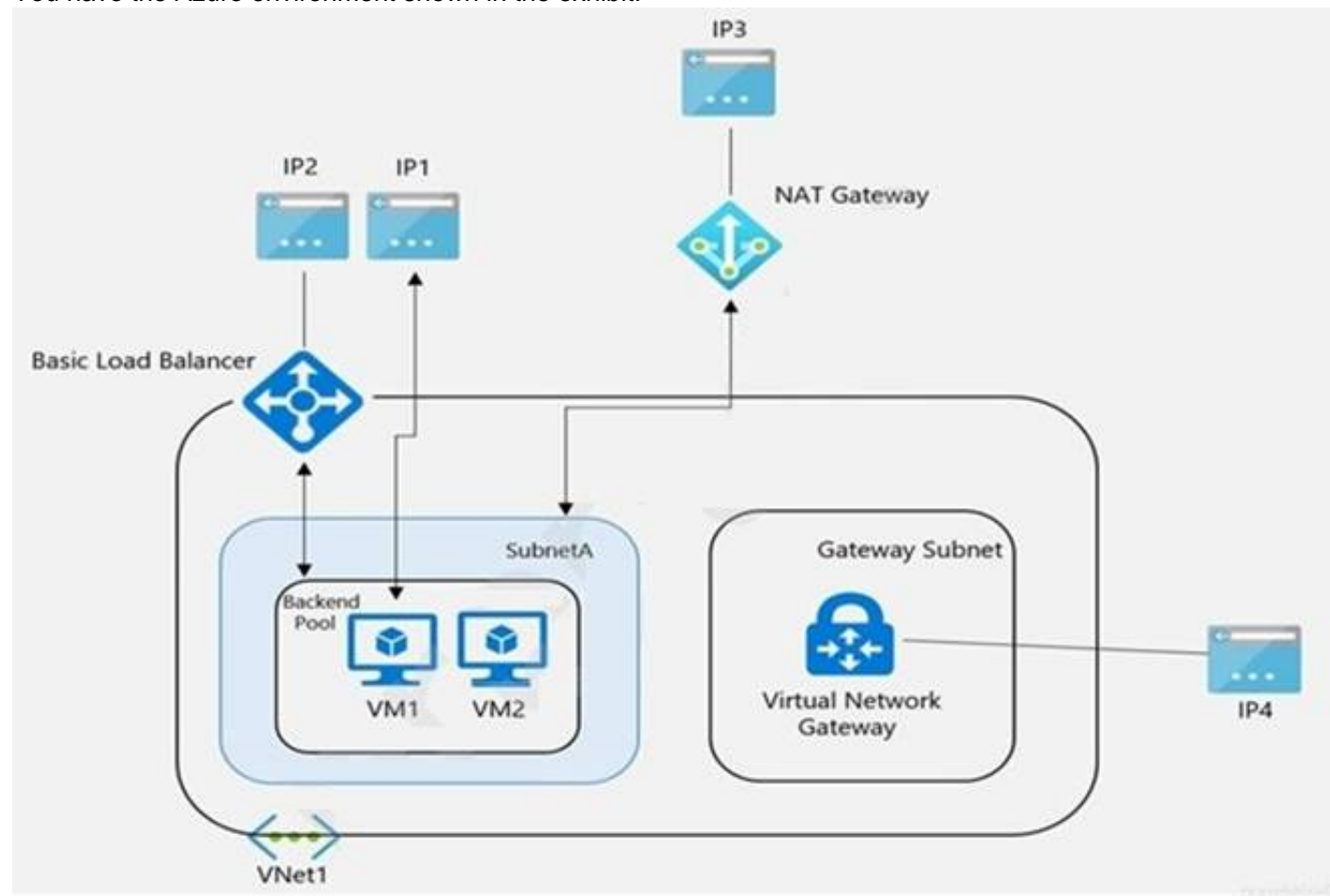
"All network interfaces assigned to an application security group have to exist in the same virtual network that the first network interface assigned to the application security group is in."

https://learn.microsoft.com/en-us/azure/virtual-network/application-security-groups

NEW QUESTION 27

- (Topic 3)

You have the Azure environment shown in the exhibit.



VM1 is a virtual machine that has an instance-level public IP address (ILPIP).

Basic Load Balancer uses a public IP address. VM1 and VM2 are in the backend pool. NAT Gateway uses a public IP address named IP3 that is associated to SubnetA. VNet1 has a virtual network gateway that has a public IP address named IP4.

When initiating outbound traffic to the internet from VM1, which public address is used?

- A. IP1
- B. IP2
- C. IP3
- D. IP4

Answer: A

NEW QUESTION 29

DRAG DROP - (Topic 3)

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

Name	Type	Description
Gateway1	NAT gateway	Unconfigured
NIC1	Network interface	A network interface with a statically assigned public IP address named PIP1
PIP1	Public IP address	A Basic SKU public IP address
VNet1	Virtual network	Contains a subnet named Subnet1
Subnet1	Virtual subnet	Part of VNet1
VM1	Virtual machine	Connected to Subnet1 via NIC1

You need to associate Gateway 1 with Subnet1. The solution must minimize downtime on VM1.

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

Change the PIP1 SKU to **Standard**.

Start VM1.

Shut down VM1.

Disassociate PIP1 from NIC1.

Change Assignment to Dynamic for PIP1.

Associate PIP1 to NIC1.

Answer Area

>

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- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Actions

Change the PIP1 SKU to **Standard**.

Start VM1.

Shut down VM1.

Disassociate PIP1 from NIC1.

Change Assignment to Dynamic for PIP1.

Associate PIP1 to NIC1.

Answer Area

Disassociate PIP1 from NIC1.

Change Assignment to Dynamic for PIP1.

Associate PIP1 to NIC1.

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NEW QUESTION 31

- (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 36

- (Topic 3)

You have an Azure virtual network that contains a subnet named Subnet1. Subnet1 is associated to a network security group (NSG) named NSG1. NSG1 blocks all outbound traffic that is not allowed explicitly.

Subnet1 contains virtual machines that must communicate with the Azure Cosmos DB service.

You need to create an outbound security rule in NSG1 to enable the virtual machines to connect to Azure Cosmos DB.

What should you include in the solution?

- A. a service tag
B. a private endpoint
C. a subnet delegation
D. an application security group

Answer: A

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/virtual-network/service-tags-overview

NEW QUESTION 38

- (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 43

- (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 46

- (Topic 3)

You have an Azure application gateway named AppGW1 that balances requests to a web app named App1.

You need to modify the server variables in the response header of App1. What should you configure on AppGW1?

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

Answer: B

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/application-gateway/rewrite-http-headers-url

NEW QUESTION 49

HOTSPOT - (Topic 3)

You have an Azure application gateway named AppGW1 that provides access to the following hosts:

- * www.adatum.com
- * www.contoso.com
- * www.fabrikam.com

AppGW1 has the listeners shown in the following table.

Name	Frontend IP address	Type	Host name
Listen1	Public	Multi site	www.contoso.com
Listen2	Public	Multi site	www.fabrikam.com
Listen3	Public	Multi site	www.adatum.com

You create Azure Web Application Firewall (WAF) policies for AppGW1 as shown in the following table.

Name	Policy mode	Custom rule		
		Priority	Condition	Association
Policy1	Prevention	50	If IP address does contain 131.107.10.15 then deny traffic.	Application gateway: AppGW1
Policy2	Detection	10	If IP address does contain 131.107.10.15 then allow traffic.	HTTP listener: Listen1
Policy3	Prevention	70	If IP address does contain 131.107.10.15 then allow traffic.	HTTP listener: Listen2

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
		From 131.107.10.15, you can access www.contoso.com.		<input type="radio"/>	<input type="radio"/>
		From 131.107.10.15, you can access www.fabrikam.com.		<input type="radio"/>	<input type="radio"/>
		From 131.107.10.15, you can access www.adatum.com.		<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

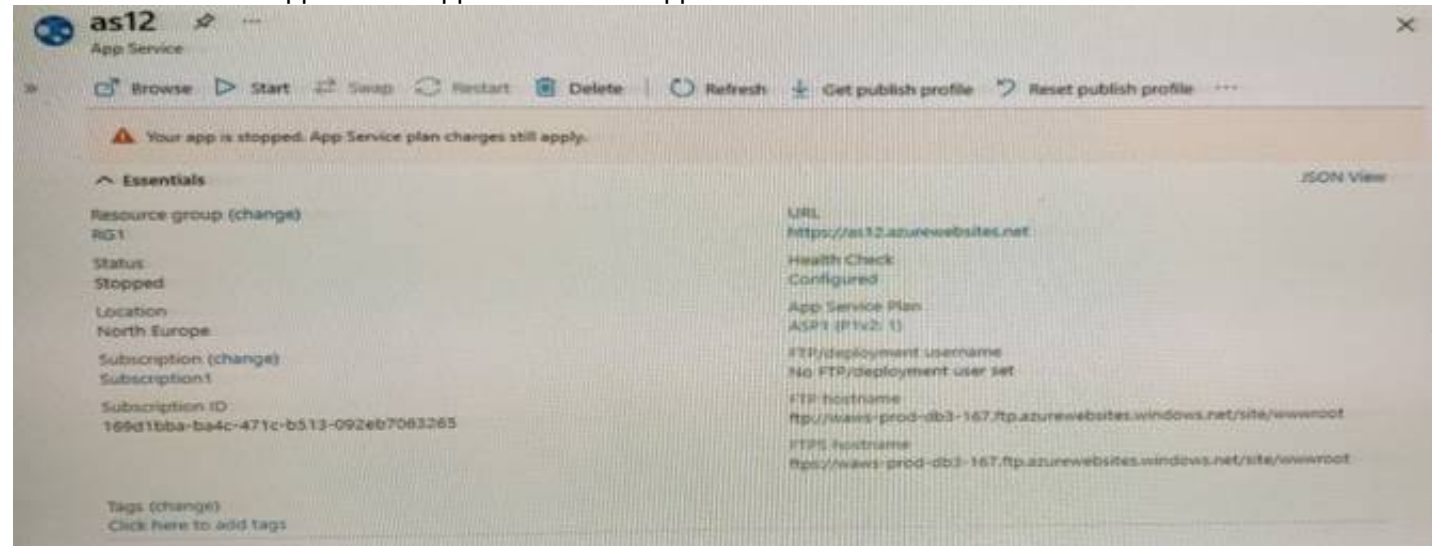
Explanation:

Statements		Yes	No
From 131.107.10.15, you can access www.contoso.com.		<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.fabrikam.com.		<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.adatum.com.		<input type="radio"/>	<input checked="" type="radio"/>

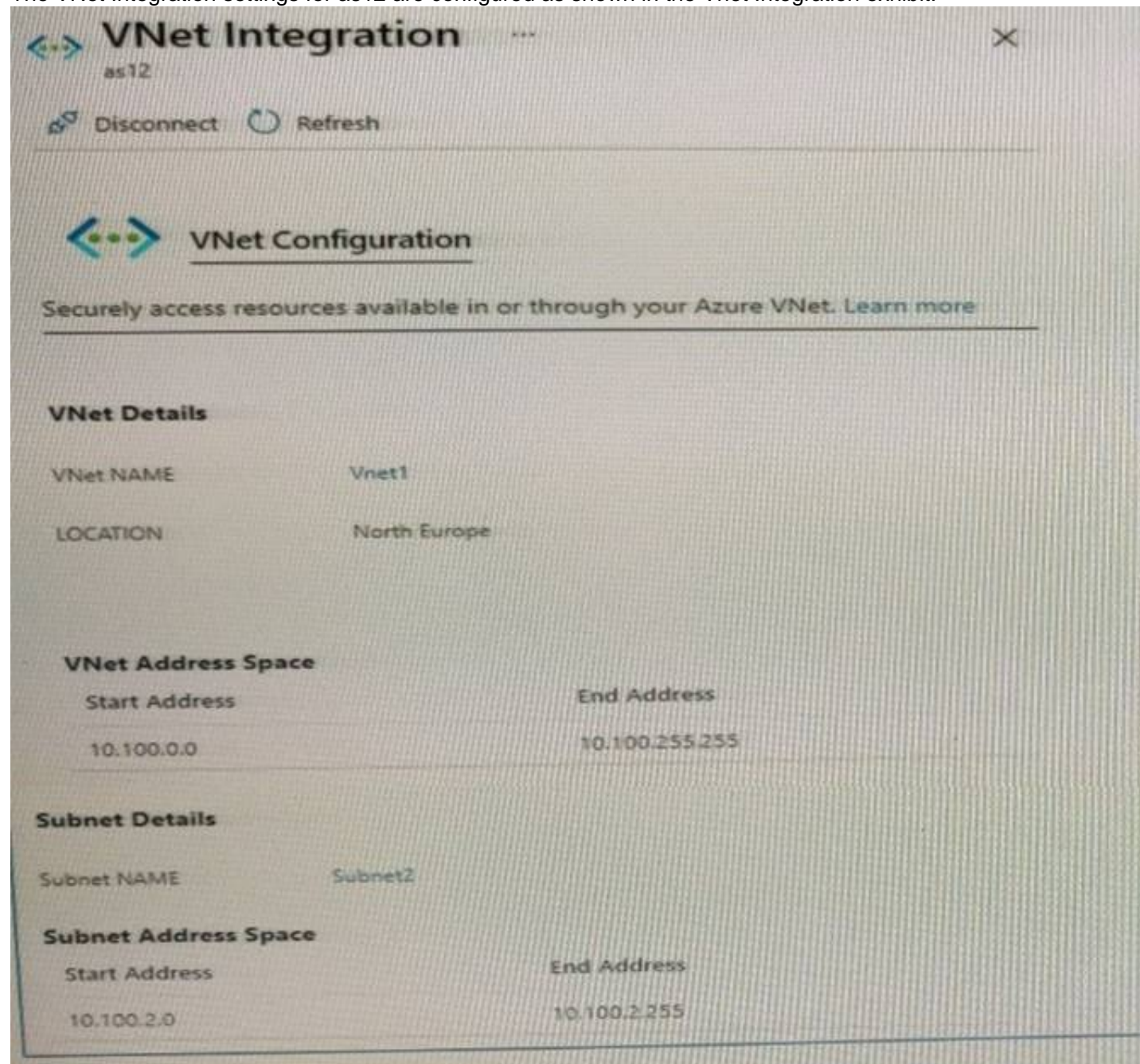
NEW QUESTION 50

HOTSPOT - (Topic 3)

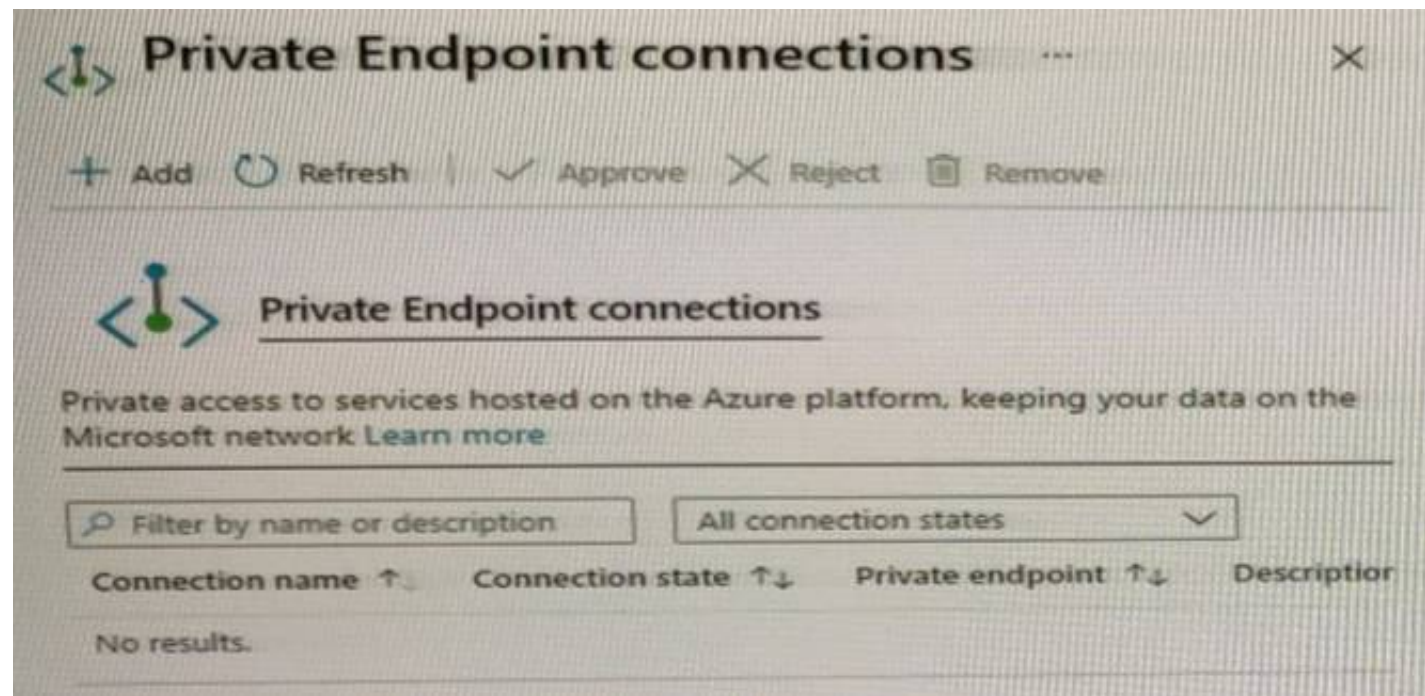
You have the Azure App Service app shown in the App Service exhibit.



The VNet Integration settings for as12 are configured as shown in the Vnet Integration exhibit.



The Private Endpoint connections settings for as12 are configured as shown in the Private Endpoint connections exhibit.



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
Subnet2 can contain only App Service apps in the ASP1 App Service plan.		<input type="radio"/>	<input type="radio"/>
As12 will use an IP address from Subnet2 for network communications.		<input type="radio"/>	<input type="radio"/>
Computers in Vnet1 will connect to a private IP address when they connect to as12.		<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 53

HOTSPOT - (Topic 3)

You have an Azure subscription that contains two virtual networks named Vnet1 and Vnet2.

You register a public DNS zone named fabrikam.com. The zone is configured as shown in the Public DNS Zone exhibit.

The screenshot shows the 'DNS zone' configuration page for 'Fabrikam.com'. The 'Essentials' section displays the following details:

- Resource group (change): rg1
- Subscription (change): Subscription1
- Subscription ID: 169d1bba-ba4c-471c-b513-092eb7063265
- Name server 1: ns1-06.azure-dns.com.
- Name server 2: ns2-06.azure-dns.net.
- Name server 3: ns3-06.azure-dns.org.
- Name server 4: ns4-06.azure-dns.info.
- Tags (change): Click here to add tags

Below the essentials, there is a search bar and a table of record sets:

Name	Type	TTL	Value
@	NS	172800	ns1-06.azure-dns.com. ns2-06.azure-dns.net. ns3-06.azure-dns.org. ns4-06.azure-dns.info.
@	SOA	3600	Email: azuredns-hostmaster.microsoft.com Host: ns1-06.azure-dns.com. Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 300 Serial number: 1
appservice1	A	3600	131.107.1.1
www	CNAME	3600	appservice1.fabrikam.com

You have a private DNS zone named fabrikam.com. The zone is configured as shown in the Private DNS Zone exhibit.

The screenshot shows the 'Private DNS zone' configuration page for 'Fabrikam.com'. The 'Essentials' section displays the following details:

- Resource group (change): rg1
- Subscription (change): Subscription1
- Subscription ID: 169d1bba-ba4c-471c-b513-092eb7063265
- Tags (change): Click here to add tags

Below the essentials, there is a search bar and a table of record sets:

Name	Type	TTL	Value	Auto registered
@	SOA	3600	Email: azureprivatedns-host.microsoft.co... Host: azureprivatedns.net Refresh: 3600 Retry: 300 Expire: 2419200 Minimum TTL: 10 Serial number: 1	False
appservice1	A	3600	131.107.100.10	False
server1	A	3600	131.107.100.1	False
server2	A	3600	131.107.100.2	False
server3	A	3600	131.107.100.3	False
www	CNAME	3600	appservice1.fabrikam.com	False

You have a virtual network link configured as shown in the Virtual Network Link exhibit.



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
		Queries for www.fabrikam.com from the internet are resolved to 131.107.1.1.	<input type="radio"/>	<input type="radio"/>
		Queries for server1.fabrikam.com can be resolved from the internet.	<input type="radio"/>	<input type="radio"/>
		Queries for www.fabrikam.com from Vnet2 are resolved to 131.107.100.10.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

DNS queries from the internet use the public DNS zone. In the public DNS zone, www.fabrikam.com is a CNAME record that resolves to appservice1.fabrikam.com which resolves to 131.107.1.1.

Box 2: No

DNS queries from the internet use the public DNS zone. There is no DNS record for server1.fabrikam.com in the public DNS zone.

Box 3: No

The private DNS zone is linked to VNet1, not VNet2. Therefore, resources in VNet2 cannot query the private DNS zone.

NEW QUESTION 58

- (Topic 3)

Your company has offices in Montreal, Seattle, and Paris. The outbound traffic from each office originates from a specific public IP address.

You create an Azure Front Door instance named FD1 that has Azure Web Application Firewall (WAF) enabled. You configure a WAF policy named Policy1 that has a rule named Rule1. Rule1 applies a rate limit of 100 requests for traffic that originates from the office in Montreal.

You need to apply a rate limit of 100 requests for traffic that originates from each office. What should you do?

- A. Modify the conditions of Rule1.
- B. Create two additional associations.
- C. Modify the rule type of Rule1.
- D. Modify the rate limit threshold of Rule1.

Answer: A

Explanation:

<https://techcommunity.microsoft.com/t5/azure-network-security-blog/rate-limiting-feature-for-azure-waf-on-application-gateway-now/ba-p/3934957#:~:text=Rate%20limiting%20is%20configured%20using,and%20a%20group%20by%20variable.>

NEW QUESTION 59

- (Topic 3)

You have a network security group named NSG1.

You need to enable network security group (NSG) flow logs for NSG1. The solution must support retention policies. What should you create first?

- A. A standard general-purpose v2 Azure Storage account
- B. An Azure Log Analytics workspace
- C. A premium Block blobs Azure Storage account
- D. A standard general-purpose v1 Azure Storage account

Answer: A

NEW QUESTION 62

- (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 67

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)

Your company has a single on-premises datacenter in New York. The East US Azure region has a peering location in New York.

The company only has Azure resources in the East US region.

You need to implement ExpressRoute to support up to 1 Gbps. You must use only ExpressRoute Unlimited data plans. The solution must minimize costs.

Which type of ExpressRoute circuits should you create?

- A. ExpressRoute Local
- B. ExpressRoute Direct
- C. ExpressRoute Premium
- D. ExpressRoute Standard

Answer: A

Explanation:

Reference:

<https://azure.microsoft.com/en-us/pricing/details/expressroute/>

NEW QUESTION 73

- (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 78

- (Topic 3)

You have an Azure virtual network and an on-premises datacenter.

You need to implement a Site-to-Site VPN connection between the datacenter and the virtual network.

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

- A. a virtual network gateway
- B. Azure Firewall
- C. a local network gateway
- D. Azure Web Application Firewall (WAF)
- E. an on-premises data gateway
- F. an Azure application gateway
- G. a user-defined route

Answer: AC

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/tutorial-site-to-site-portal>

NEW QUESTION 81

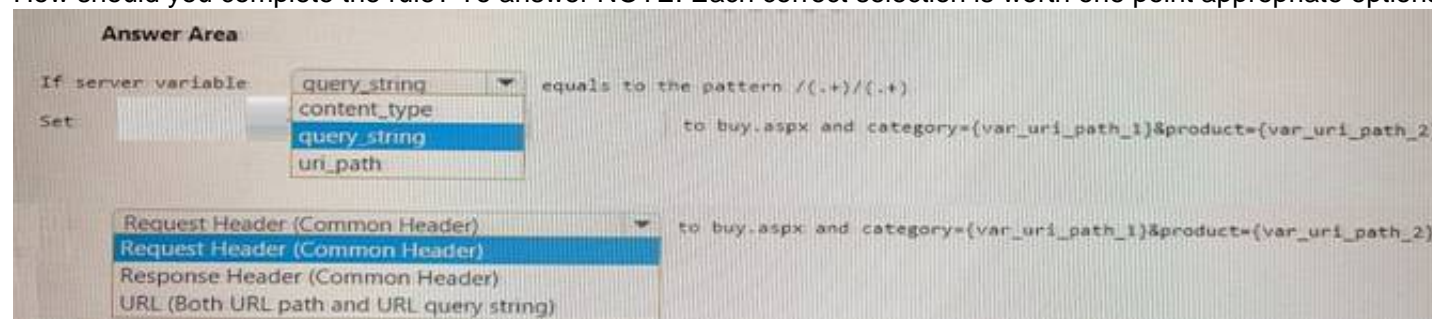
HOTSPOT - (Topic 3)

You have an Azure application gateway named AppGw1.

You need to create a rewrite rule for AppGw1. The solution must rewrite the URL of requests from <https://www.contoso.com/fashion/shirts> to

<https://www.contoso.com/buy.aspx?category=fashion&product=shirts>.

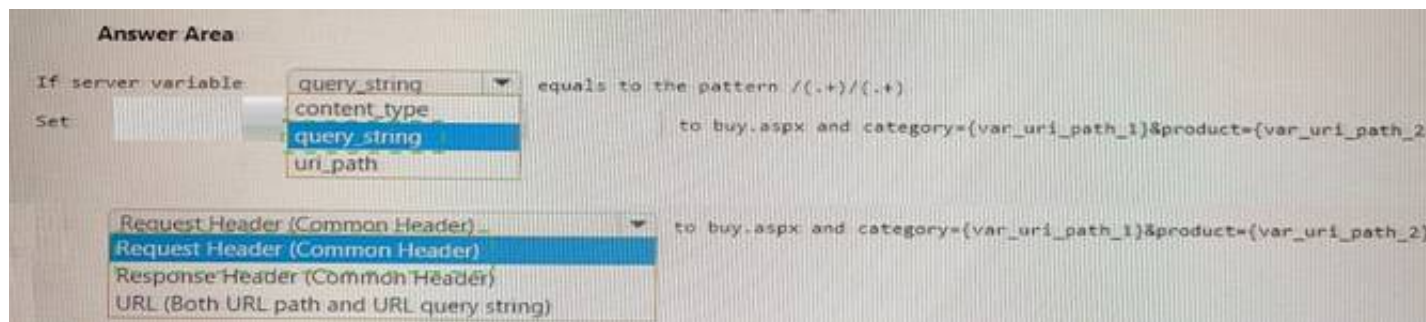
How should you complete the rule? To answer NOTE: Each correct selection is worth one point appropriate options in the answer area.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 83

- (Topic 3)

You have Azure App Service apps in the West US Azure region as shown in the following table.

Name	App Service plan	Number of instances
App1	ASP1	3
App2	ASP1	3
App3	ASP2	2
App4	ASP3	1

You need to ensure that all the apps can access the resources in a virtual network named Vnet1 without forwarding traffic through the internet-How many integration subnets should you create?

- A. 1
- B. 3
- C. 4
- D. 6

Answer: C

Explanation:

One integration subnet is required per App Service Plan regardless of how many apps are running in the App Service Plan.

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/overview-vnet-integration>

NEW QUESTION 85

- (Topic 3)

You have an Azure virtual network that contains two subnets named Subnet1 and Subnet2. Subnet1 contains a virtual machine named VM1. Subnet2 contains a virtual machine named VM2.

You have two network security groups (NSGs) named NSG1 and NSG2. NSG1 has 100 inbound security rules and is associated to VM1. NSG2 has 200 inbound security rules and is associated to Subnet1.

VM2 cannot connect to VM1.

You suspect that an NSG rule blocks connectivity.

You need to identify which rule blocks the connection. The issue must be resolved as quickly as possible.

Which Azure Network Watcher feature should you use?

- A. Effective security rules
- B. Connection troubleshoot
- C. NSG diagnostic
- D. NSG flow logs

Answer: C

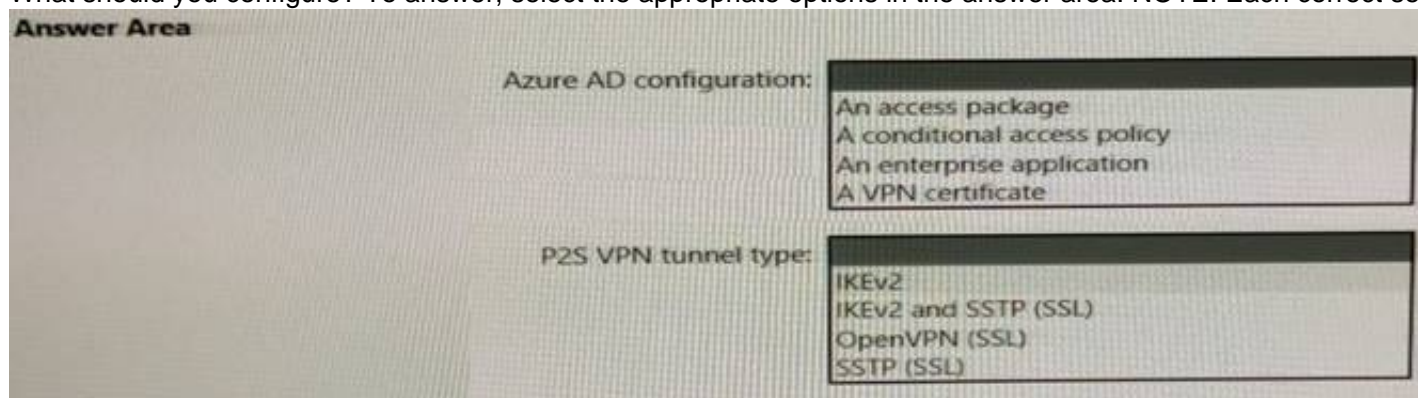
NEW QUESTION 88

HOTSPOT - (Topic 3)

You have an Azure subscription that contains a single virtual network and a virtual network gateway.

You need to ensure that administrators can use Point-to-Site (P2S) VPN connections to access resources in the virtual network. The connections must be authenticated by Azure Active Directory (Azure AD).

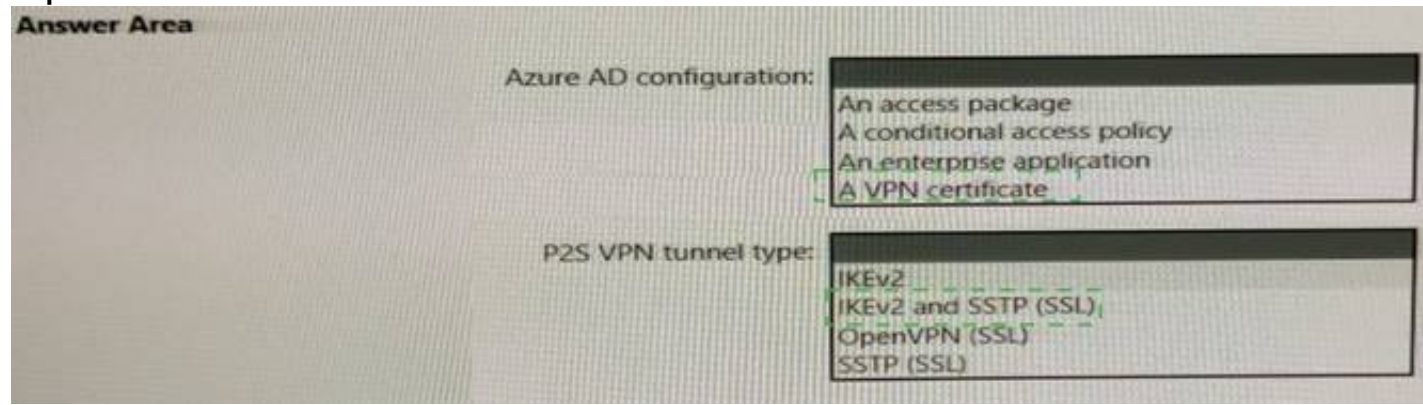
What should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 93

- (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 98

- (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 custom rule for WAF1.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 101

DRAG DROP - (Topic 3)

Your company, named Contoso, Ltd, has an Azure subscription that contains the resources show in the following table.

Name	Type	Location	Description
App1us	Azure App Service	East US	A website for the United States office of Contoso
App1uk	Azure App Service	UK West	A website for the United Kingdom office of Contoso
St1us	Storage account	East US	Contains images for the United States website
St1uk	Storage account	UK West	Contains images for the United Kingdom website

You plan to deploy Azure Front Door. The solution must meet the following requirement:

- Requests to a URL of <https://contoso.azurefd.net/uk> must be routed to App1uk.
- Requests to a URL of <https://contoso.azurefd.net/us> must be routed to App1us.
- Requests to a URL of <https://contoso.azurefd.net/images> must be routed to the storage account closest to the user.

What is the minimum number of backend pools and routing rules you should create? To answer, the appropriate number to the correct component. Each number may be used once, more than once, or not at all. You may need to drag the split bar between panes scroll to view content:

Note: Each correct selection is worth one point.

Number

1

2

3

4

Answer Area

Backend pools:
Routing rules:

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Number

1

2

3

4

Answer Area

Backend pools:

2

Routing rules:

2

NEW QUESTION 106

- (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 108

- (Topic 3)

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

Name	Type	Description
VNet1	Virtual network	Contains a subnet named Subnet1
Subnet1	Virtual subnet	Part of VNet1
NSG1	Network security group (NSG)	Linked to Subnet1
ASG1	Application security group	Not linked

Subshell contains Three virtual machines that host an app named App1. App1 is accessed by using the SFTP protocol.

From NSG1, you configure an inbound security rule named Rule2 that allows inbound SFTP connections to ASG1.

You need to ensure that the inbound SFTP connections are managed by using ASG1. The solution must minimize administrative effort.

What should you do?

- A. From NSG1, modify the priority of Rule2.
 B. From each virtual machine, associate the network interface to ASG1
 C. From Subnet1 create a subnet delegation.
 D. From ASG1, modify the role assignments.

Answer: B

NEW QUESTION 113

HOTSPOT - (Topic 3)

You are planning an Azure solution that will contain the following types of resources in a single Azure region:

- ? Virtual machine
- ? Azure App Service
- ? Virtual Network gateway
- ? Azure SQL Managed Instance

App Service and SQL Managed Instance will be delegated to create resources in virtual networks.

You need to identify how many virtual networks and subnets are required for the solution. The solution must minimize costs to transfer data between virtual networks.

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

Virtual Networks:

1
2
3
4

Subnets:

1
2
3
4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Virtual Networks:

1
2
3
4

Subnets:

1
2
3
4

NEW QUESTION 117

DRAG DROP - (Topic 3)

You have three on-premises sites. Each site has a third-party VPN device.

You have an Azure virtual WAN named VWAN1 that has a hub named Hub1. Hub1 connects two of the three on-premises sites by using a Site-to-Site VPN connection.

You need to connect the third site to the other two sites by using Hub1.

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

Answer Area

Download the VPN configuration file from VWAN1

In a Hub1, create a VPN gateway

In a Hub1, create a VPN site

In a Hub1, create a connection to the VPN site

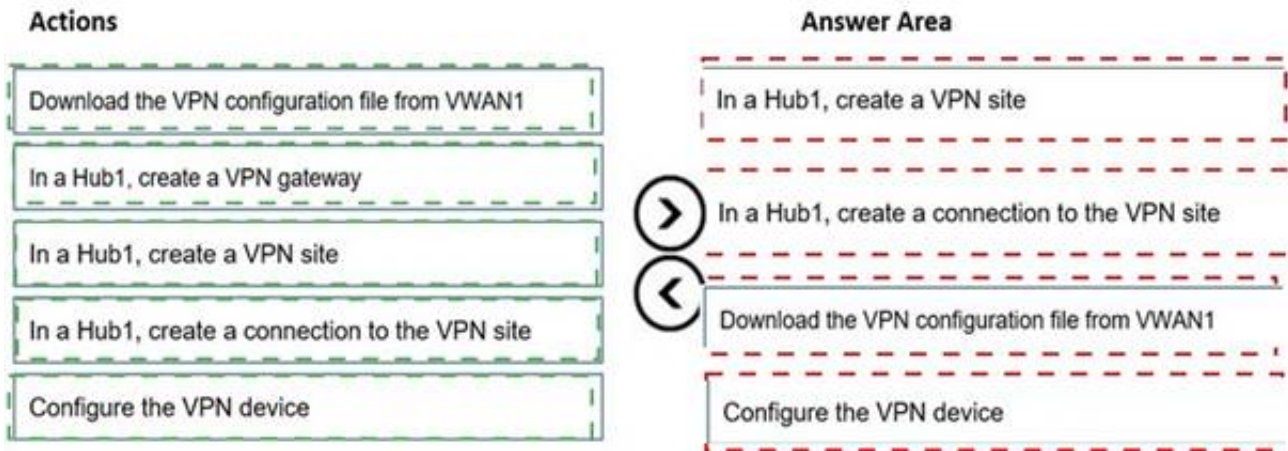
Configure the VPN device



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 118

- (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

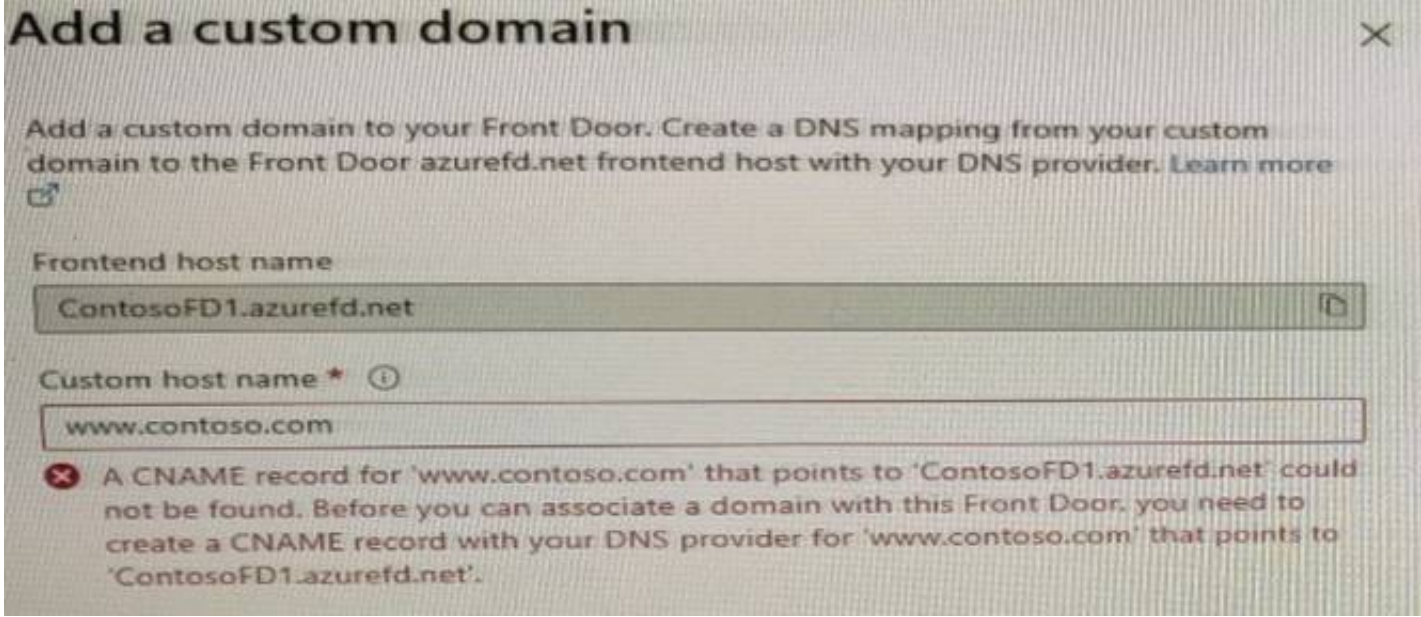
You need to ensure that the apps hosted on VM1 can resolve the IP address of the What should you create first?

- 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 123

- (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 125

- (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 130

- (Topic 3)

You have three on-premises networks.

You have an Azure subscription that contains a Basic Azure virtual WAN. The virtual WAN contains a single virtual hub and a virtual network gateway that is limited to a throughput of 1 Gbps.

The on-premises networks connect to the virtual WAN by using Site-to-Site (S2S) VPN connections.

You need to increase the throughput of the virtual WAN to 3 Gbps. The solution must minimize administrative effort.

What should you do?

- A. Upgrade the virtual WAN to the Standard SKU.
- B. Add an additional VPN gateway to the Azure subscription,
- C. Create an additional virtual hub.
- D. Increase the number of gateway scale units.

Answer: D

NEW QUESTION 134

- (Topic 3)

Azure virtual networks in the East US Azure region as shown in the following table.

Name	IP address space
Vnet1	192.168.0.0/20
Vnet2	10.0.0.0/20

The virtual networks are peered to one another. Each virtual network contains four subnets. You plan to deploy a virtual machine named VM1 that will inspect and route traffic between

all the subnets on both the virtual networks.

What is the minimum number of IP addresses that you must assign to VM1?

- A. 1
- B. 2
- C. 4
- D. 8

Answer: B

NEW QUESTION 138

HOTSPOT - (Topic 3)

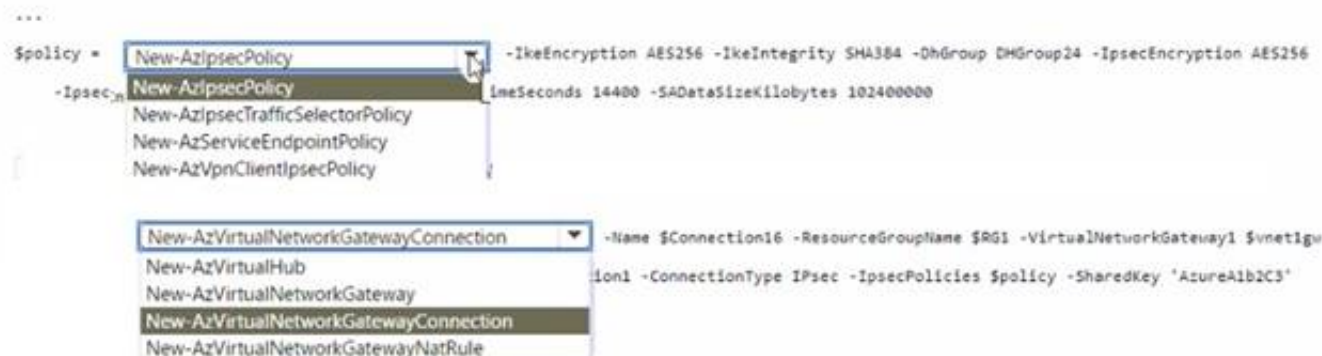
Your on-premises network contains a VPN device.

You have an Azure subscription that contains a virtual network and a virtual network gateway.

You need to create a Site-to-Site VPN connection that has a custom cryptographic policy. How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

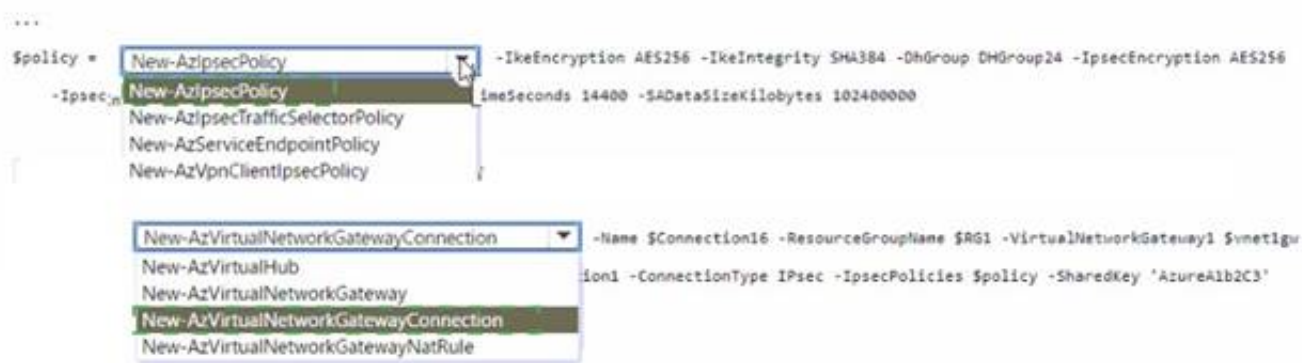


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



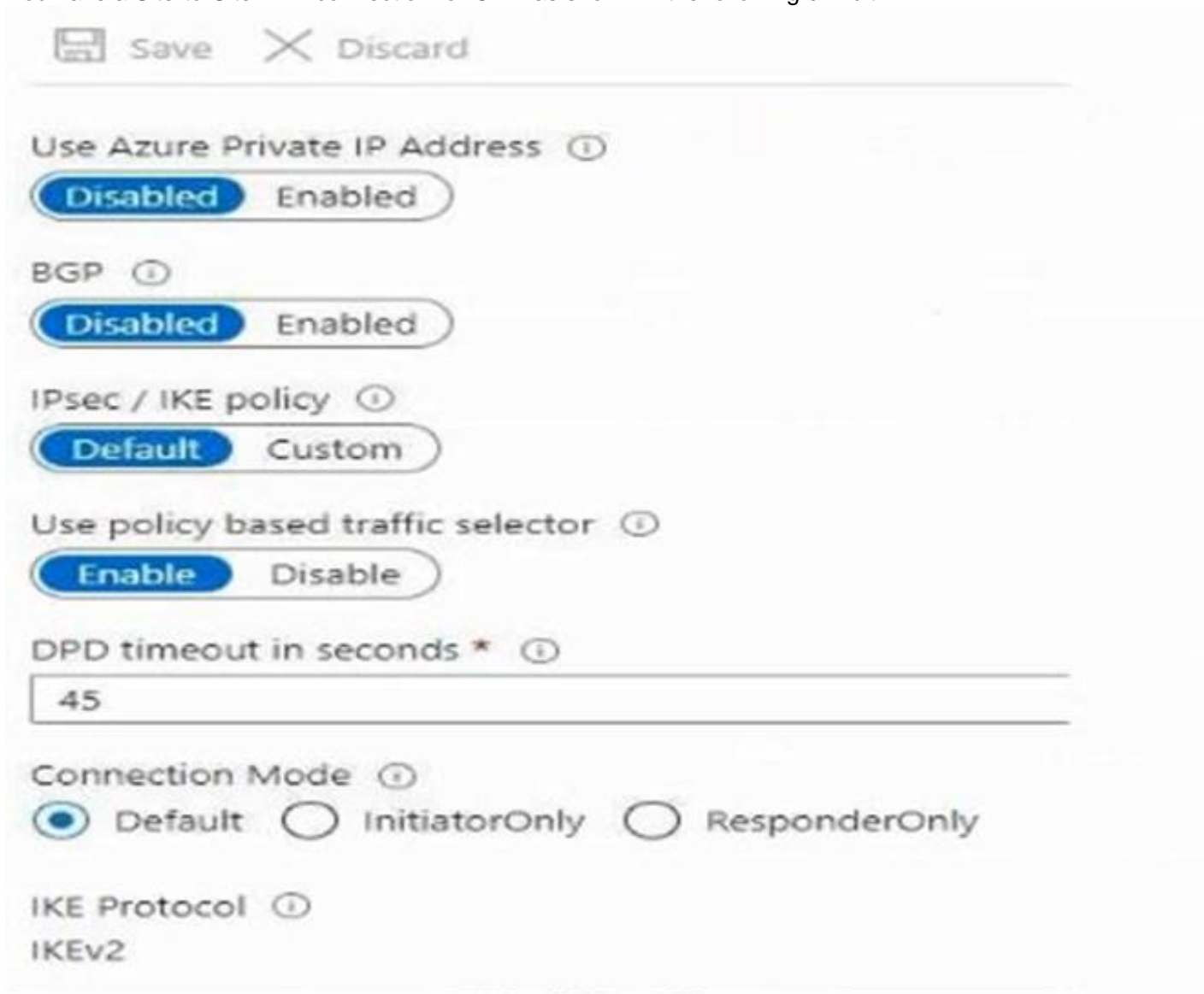
NEW QUESTION 143

- (Topic 3)

You have an Azure virtual network named Vnet1 and an on-premises network.

The on-premises network has policy-based VPN devices. In Vnet1, you deploy a virtual network gateway named GW1 that uses a SKU of VpnGw1 and is route-based.

You have a Site-to-Site VPN connection for GW1 as shown in the following exhibit.



You need to ensure that the on-premises network can connect to the route-based GW1. What should you do before you create the connection?

- A. Set Use Azure Private IP Address to Enabled
- B. Set IPsec / IKE policy to Custom.
- C. Set Connection Mode to ResponderOnly
- D. Set BGP to Enabled

Answer: A

NEW QUESTION 147

- (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 148

- (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 152

FILL IN THE BLANK - (Topic 3)

You have two Azure App Service instances that host the web apps shown the following table.

Name	Web app URLs
As1.contoso.com	https://app1.contoso.com/ https://app2.contoso.com/
As2.contoso.com	https://app3.contoso.com/ https://app4.contoso.com/

You deploy an Azure application gateway that has one public frontend IP address and two backend pools.

You need to publish all the web apps to the application gateway. Requests must be routed based on the HTTP host headers.

What is the minimum number of listeners and routing rules you should configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Listeners: 1

Routing rules: 1

A. Mastered

B. Not Mastered

Answer: A

Explanation:

1, 2

NEW QUESTION 154

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 156

- (Topic 3)

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

Name	Routing method
Profile1	Performance
Profile2	Multivalue

You plan to add the endpoints shown in the following table.

Name	Type	Additional settings
Endpoint1	Azure endpoint	Target resource type: App Service
Endpoint2	External endpoint	FQDN or IP: www.contoso.com
Endpoint3	External endpoint	FQDN or IP: 131.107.10.15
Endpoint4	Nested endpoint	Target resource: Profile1

Which endpoints can you add to Profile2?

- A. Endpoint1 and Endpoint4 only
 B. Endpoint1, Endpoint2, Endpoint3, and Endpoint4
 C. Endpoint1 only
 D. Endpoint2 and Endpoint3 only
 E. Endpoint3 only

Answer: A

NEW QUESTION 157

HOTSPOT - (Topic 3)

You have an Azure Traffic Manager parent profile named TM1. TM1 has two child profiles named TM2 and TM3. TM1 uses the performance traffic-routing method and has the endpoints shown in the following table.

Name	Location
App1	North Europe
App2	East US
App3	Central US
TM2	West Europe
TM3	West US

TM2 uses the weighted traffic-routing method with MinChildEndpoint = 2 and has the endpoints shown in the following table.

Name	Location	Weight
App4	West Europe	99
App5	West Europe	1

TM3 uses priority traffic-routing method and has the endpoints shown in the following table.

Name	Location
App6	West US
App2	East US

The App2, App4, and App6 endpoints have a degraded monitoring status.

To which endpoint is traffic directed? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Traffic from West Europe:

▼

App1

App2

App4

App5

Traffic from West US:

▼

App1

App2

App3

App6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Traffic from West Europe:

▼

App1

App2

App4

App5

Traffic from West US:

▼

App1

App2

App3

App6

NEW QUESTION 158

- (Topic 3)

You have an Azure Front Door instance named FD1 that is protected by using Azure Web Application Firewall (WAF). FD1 uses a frontend host named app1.contoso.com to provide access to Azure web apps hosted in the East US Azure region and the West US Azure region. You need to configure FD1 to block requests to app1.contoso.com from all countries other than the United States. What should you include in the WAF policy?

- A. a frontend host association
- B. a managed rule set
- C. a custom rule that uses a rate limit rule
- D. a custom rule that uses a match rule

Answer: D

NEW QUESTION 162

- (Topic 3)

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

Name	In resource group	Location
Vnet1	RG1	West US
Vnet2	RG1	Central US
Vnet3	RG2	Central US
Vnet4	RG2	West US
Vnet5	RG3	East US

You plan to deploy an Azure firewall named AF1 to RG1 in the West US Azure region. To which virtual networks can you deploy AF1?

- A. Vnet1 only
- B. Vnet1 and Vnet2 only
- C. Vnet1, Vnet2, and Vnet4 only
- D. Vnet1 and Vnet4 only
- E. Vnet1, Vnet2, Vnet3, and Vnet4

Answer: A

NEW QUESTION 165

- (Topic 3)

You have an Azure virtual network named Vnet1. You need to ensure that the virtual machines in Vnet1 can access only the Azure SQL resources in the East US Azure region. The virtual machines must be prevented from accessing any Azure Storage resources. Which two outbound network security group (NSG) rules should you create? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. an allow rule that has the IP address range of Vnet1 as the source and destination of Sq1.EastUS
- B. a deny rule that has a source of VirtualNetwork and a destination of Sq1
- C. a deny rule that has a source of VirtualNetwork and a destination of 168.63.129.0/24
- D. a deny rule that has the IP address range of Vnet1 as the source and destination of Storage

Answer: CD

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/virtual-network/service-tags-overview>

NEW QUESTION 168

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.	<input type="radio"/>	<input type="radio"/>
VM2 can access storage1 by using a service endpoint.	<input type="radio"/>	<input type="radio"/>
VM3 can access storage1 by using the public IP address.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
VM1 can access storage1.	<input checked="" type="radio"/>	<input type="radio"/>
VM2 can access storage1 by using a service endpoint.	<input type="radio"/>	<input checked="" type="radio"/>
VM3 can access storage1 by using the public IP address.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 171

- (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 176

- (Topic 3)

You have an Azure subscription that contains the public IP addresses shown in the following table.

Name	IP version	SKU	IP address assignment
IP1	IPv4	Basic	Static
IP2	IPv4	Basic	Dynamic
IP3	IPv4	Standard	Static
IP4	IPv6	Basic	Dynamic
IP5	IPv6	Standard	Static

You plan to deploy a NAT gateway named NAT1.

Which public IP addresses can be used as the public IP address for NAT1?

- A. IP3 and IP5 only
B. IP5 only
C. IP1, IP3, and IP5 only
D. IP3 only
E. IP2 and IP4 only

Answer: D

Explanation:

Only static IPv4 addresses in the Standard SKU are supported. IPv6 doesn't support NAT.

Reference:

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

NEW QUESTION 181

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

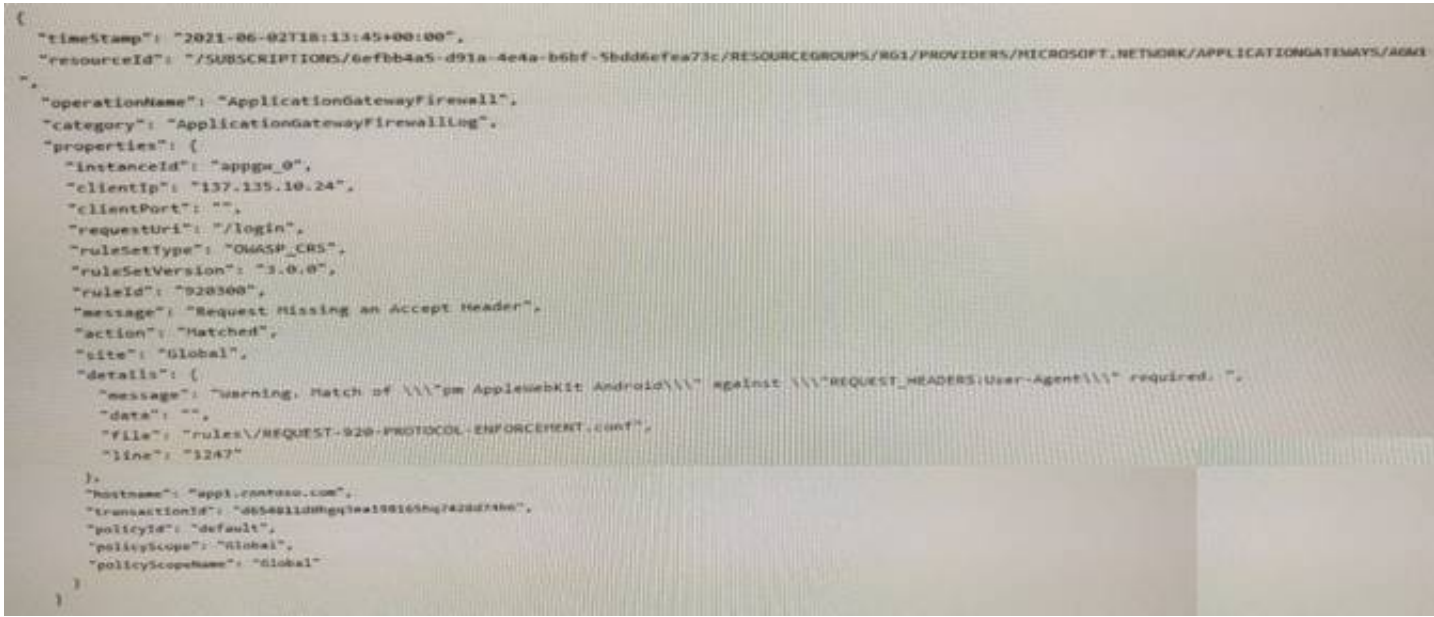
Answer: A

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 183

- (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.



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

- A. Yes
- B. No

Answer: B

NEW QUESTION 187

- (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 enable BGP on the gateway of Vnet1.
Does this meet the goal?

- A. Yes
- B. No

Answer: B

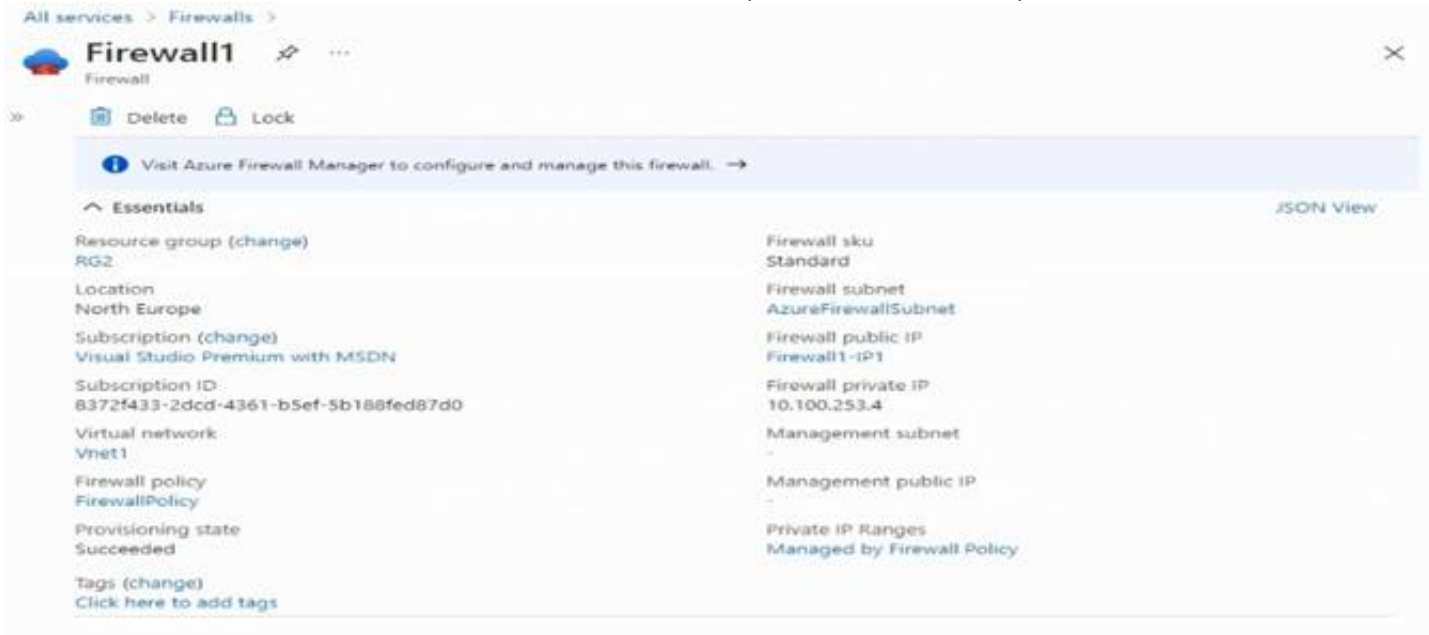
Explanation:
The VPN client must be downloaded again if any changes are made to VNet peering or the network topology.
Reference:
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site- routing>

NEW QUESTION 192

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



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



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

All services > Route tables >

RouteTable1

Route table

Move

Delete

Refresh

Give feedback

Essentials

JSON View

Resource group (change)

RG1

Associations

1 subnet associations

Location

North Europe

Subscription (change)

Visual Studio Premium with MSDN

Subscription ID

8372f433-2dcd-4361-b5ef-5b188fed87d0

Tags (change)

Click here to add tags

Routes

Search routes

Name	Address prefix	Next hop type	Next hop IP address
Route1	10.1.0.0/16	Virtual network gateway	-
Route2	0.0.0.0/0	Virtual appliance	10.100.253.4

Subnets

Search subnets

Name	Address range	Virtual network	Security group
Subnet1	10.100.1.0/24	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
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 checked="" type="radio"/>	<input type="radio"/>
The resources in Subnet2 can connect to the internet through Firewall1.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 193

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 of 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 194

HOTSPOT - (Topic 3)

You have an on-premises datacenter.
You have an Azure subscription that contains 10 virtual machines and a virtual network named VNet1 in the East US Azure region. The virtual machines are connected to VNet1 and replicate across three availability zones.
You need to connect the datacenter to VNet1 by using ExpressRoute. The solution must meet the following requirements:

- Maintain connectivity to the virtual machines if two availability zones fail.
- Support 1000-Mbps connections-

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

Answer Area

Minimum number of ExpressRoute circuits : Three ExpressRoute Standard circuits

Minimum number of ExpressRoute gateways : One ExpressRoute gateway of the ErGw1AZ SKU

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Minimum number of ExpressRoute circuits : Three ExpressRoute Standard circuits

Minimum number of ExpressRoute gateways : One ExpressRoute gateway of the ErGw1AZ SKU

NEW QUESTION 198

- (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 200

- (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 real user measurements key in Traffic Manager

Answer: AC

NEW QUESTION 204

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.

Home > NAT gateways >

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].

NATgateway1 is assigned [answer choice].

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NATgateway1 can be linked to [answer choice].

NATgateway1 is assigned [answer choice].

NEW QUESTION 208

- (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/6efbb4a5-d91a-4e4a-b6bf-5bdd6efea73c/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": "app1.contoso.com",
  "transactionId": "d654611d8b947e198165b97428d736e",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

You need to ensure that the URL is accessible through the application gateway. Solution: You configure a custom cookie and an exclusion rule. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 210

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 211

DRAG DROP - (Topic 3)

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

Name	Type	Location
WebApp1	Web app	West US
VNet1	Virtual network	East US

The IP Addresses settings for Vnet1 are configured as shown in the exhibit.

Basic IP Addresses Security Tags Review + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.3.0.0/16 10.3.0.0 - 10.3.255.255 (65536 addresses)



☐ Add IPv6 address space ⓘ

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

+ Add subnet 🗑 Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range	NAT gateway
<input type="checkbox"/> Subnet1	10.3.0.0/16	

i Use of a NAT gateway is recommended for outbound internet access from a subnet. You can deploy a NAT gateway and assign it to a subnet after you create the virtual network. [Learn more](#)

You need to ensure that you can integrate WebApp1 and Vnet1.

Which three actions should you perform in sequence before you can integrate WebApp1 and Vnet1? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create a service endpoint	
Deploy a VPN gateway	
Add a private endpoint	
Modify the address space of Vnet1	
Configure a Point-to-Site (P2S) VPN	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Create a service endpoint	Modify the address space of Vnet1
Deploy a VPN gateway	Deploy a VPN gateway
Add a private endpoint	
Modify the address space of Vnet1	Configure a Point-to-Site (P2S) VPN
Configure a Point-to-Site (P2S) VPN	

NEW QUESTION 215

- (Topic 3)

You have an application named App1 that listens for incoming requests on a preconfigured group of 50 TCP ports and UDP ports. You install App1 on 10 Azure virtual machines. You need to implement load balancing for App1 across all the virtual machines. The solution must minimize the number of load balancing rules. What should you include in the solution?

- A. Azure Standard Load Balancer that has Floating IP enabled
- B. Azure Application Gateway V2 that has multiple listeners
- C. Azure Application Gateway v2 that has multiple site hosting enabled
- D. Azure Standard Load Balancer that has high availability (HA) ports enabled

Answer: B

NEW QUESTION 220

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
Header value: client_port

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Common header:

Header value:

NEW QUESTION 224

- (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": "2021-04-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g571-463hw3479512/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_HEADER:User-Agent\\\\*' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "apl.contoso.com",
    "transactionId": "f7544159yhjk?wall4568if513it48b7",
    "policyId": "default",
    "policyScope": "Global",
    "popolicyScopeName": "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 228

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 232

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.

Answer Area			Yes	No
Statements				
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:

Answer Area			Yes	No
Statements				
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 233

- (Topic 2)

What should you implement to meet the virtual network requirements for the virtual machines that connect to Vnet4 and Vnet5?

- A. a private endpoint
- B. a virtual network peering
- C. a private link service
- D. a routing table
- E. a service endpoint

Answer: B

Explanation:

There is no virtual network peering between VM4's VNet (VNet3) and VM5's VNet (VNet4). To enable the VMs to communicate over the Microsoft backbone network a VNet peering is required between VNet3 and VNet4.

NEW QUESTION 237

HOTSPOT - (Topic 2)

Which virtual machines can VM1 and VM4 ping successfully? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

VM1:

<input type="checkbox"/>	VM2 only
<input type="checkbox"/>	VM2 and VM4 only
<input type="checkbox"/>	VM2, VM3, and VM4 only
<input type="checkbox"/>	VM2, VM3, VM4, and VM5

VM4:

<input type="checkbox"/>	VM3 only
<input type="checkbox"/>	VM1 and VM3 only
<input type="checkbox"/>	VM1, VM2, and VM3 only
<input type="checkbox"/>	VM1, VM2, VM3, and VM5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: VM2, VM3 and VM4.

VM1 is in VNet1/Subnet1. VNet1 is peered with VNet2 and VNet3.

There are no NSGs blocking outbound ICMP from VNet1. There are no NSGs blocking inbound ICMP to VNet1/Subnet2, VNet2 or VNet3. Therefore, VM1 can ping VM2 in VNet1/Subnet2, VM3 in VNet2 and VM4 in VNet3.

Box 2:

VM4 is in VNet3. VNet3 is peered with VNet1 and VNet2. There are no NSGs blocking outbound ICMP from VNet3. There are no NSGs blocking inbound ICMP to VNet1/Subnet1, VNet1/Subnet2 or VNet2 from VNet3 (NSG10 blocks inbound ICMP from VNet4 but not from VNet3). Therefore, VM4 can ping VM1 in VNet1/Subnet1, VM2 in VNet1/Subnet2 and VM3 in VNet2.

NEW QUESTION 239

- (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:

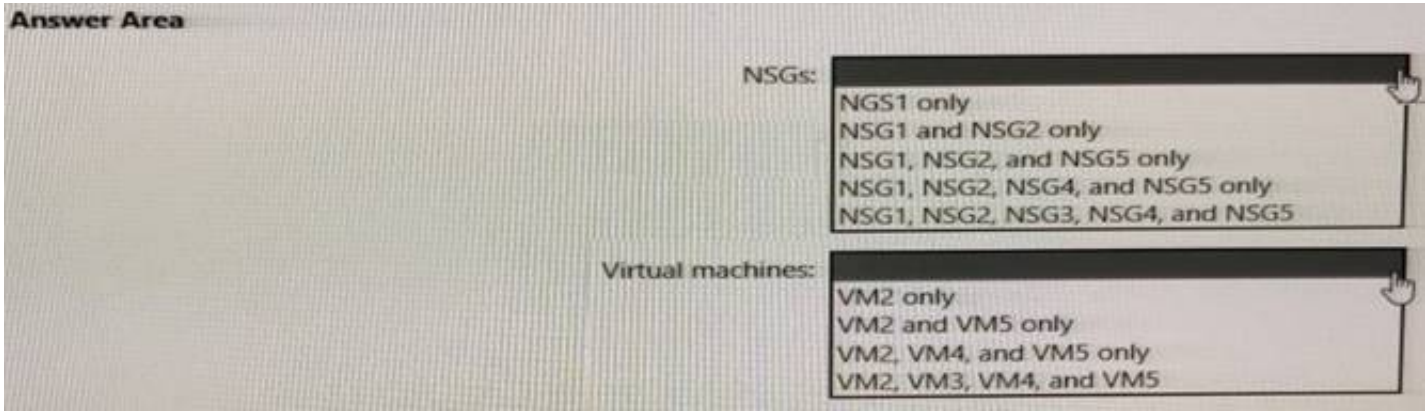
VNet 1 will get the default from BGP and propagate it to VNET 2 and 3

NEW QUESTION 242

HOTSPOT - (Topic 2)

In which NSGs can you use ASG1 and to which virtual machine network interfaces can you associate ASG1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
NGS1 only VM2, VM3, VM4 and VM5

NEW QUESTION 247

DRAG DROP - (Topic 1)

You need to implement outbound connectivity for VMScaleSet1. The solution must meet the virtual networking requirements and the business requirements. 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

Create a health probe

Create a public load balancer in the Standard SKU

Create a public load balancer in the Basic SKU

Create a backend pool that contains VMScaleSet1

Create a NAT rule

Create an outbound rule

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated

NEW QUESTION 248

HOTSPOT - (Topic 1)

You need to restrict traffic from VMScaleSet1 to VMScaleSet2. 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 VMScaleSet1 and restrict outbound traffic, or you could attach the NSG to VMScaleSet2 and restrict inbound traffic. Either way you would need two custom NSG rules.

Box 1: Two custom rules

With the NSG attached to VMScaleSet2, you would need to create a custom rule blocking all traffic from VMScaleSet1. Then you would need to create another custom rule with a higher priority than the first rule that allows traffic on port 443.

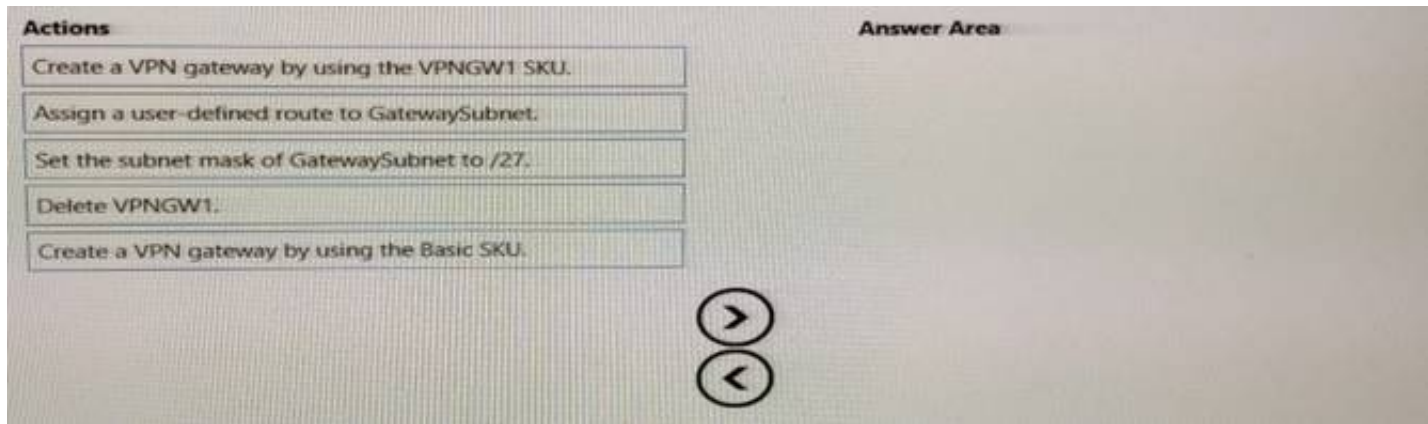
The default rules in the NSG will allow all other traffic to VMScaleSet2.

NEW QUESTION 251

DRAG DROP - (Topic 1)

You need to prepare Vnet1 for the deployment of an ExpressRoute gateway. The solution must meet the hybrid connectivity requirements and the business requirements.

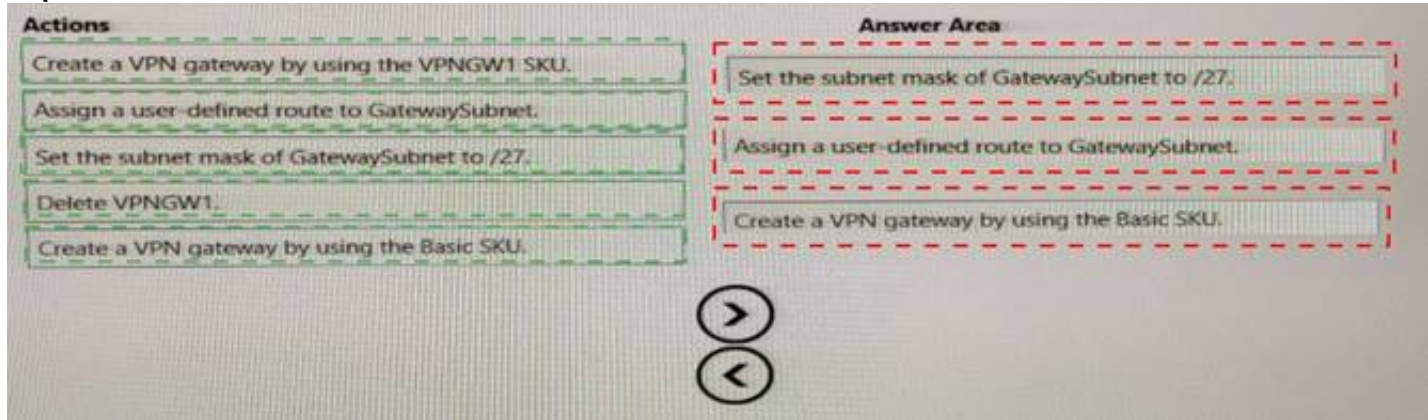
Which three actions should you perform in sequence for Vnet1? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 256

- (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 259

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