

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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



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 York ERC2
West US2 Seattle

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

Answer Area

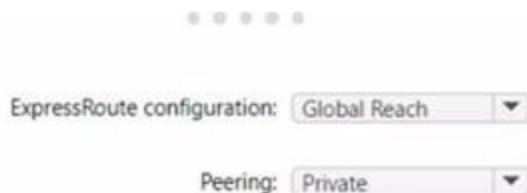


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 2

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 3

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 Create1.
 ? 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 one1.
 ? 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- policy12. A Premium firewall policy allows you to configure advanced features such as TLS Inspection, IDPS, URL Filtering, and Web Categories3.
 ? 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 traffic4.

NEW QUESTION 4

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



A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 5

- (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 6

- (Topic 3)

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. You discover that Client1 cannot communicate with Vnet2.

You need to ensure that Client1 can communication with Vnet2. Solution: You resize the gateway of Vnet1 to a larger SKU. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 7

- (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. Azure Virtual Network NAT
- B. virtual network peering
- C. service endpoints
- D. private endpoints

Answer: A

NEW QUESTION 8

HOTSPOT - (Topic 3)

You have an Azure subscription that contains an app named Appl. App1 is deployed to the Azure App Service apps show in the following table.

Name	Location	Worker instances
App1-East	East US 1	4
App1-West	West US 1	4

You need to publish App1 by using Azure Front Door. The solution must ensure that all the requests to App1 are load balanced between all the available worker instances.

What is the minimum number of origin groups and origins that you should configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Origin groups: ▼

- 1
- 2
- 4
- 8

Origins: ▼

- 1
- 2
- 4
- 8

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Origin groups: ▼

- 1
- 2
- 4
- 8

Origins: ▼

- 1
- 2
- 4
- 8

NEW QUESTION 9

- (Topic 3)

You have an Azure subscription that contains a user named Admin1 and a resource group named RG1. RG1 contains an Azure Network Watcher instance named NW1. You need to ensure that Admin1 can place a lock on NW1. The solution must use the principle of least privilege. Which role should you assign to Admin1?

- A. User Access Administrator
- B. Network Contributor
- C. Resource Policy Contributor
- D. Monitoring Contributor

Answer: A

NEW QUESTION 10

- (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 10

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

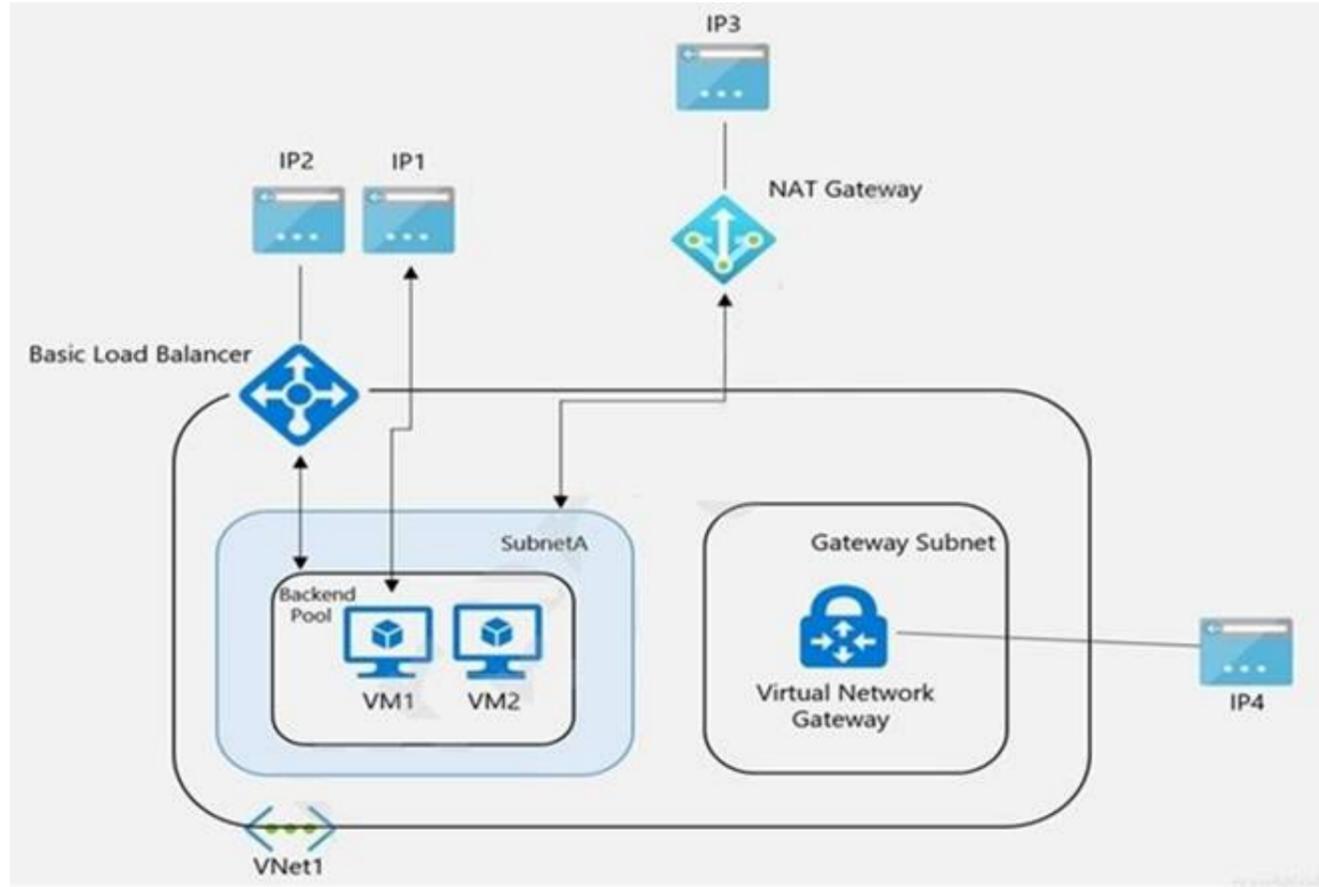
Explanation:

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 14

- (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

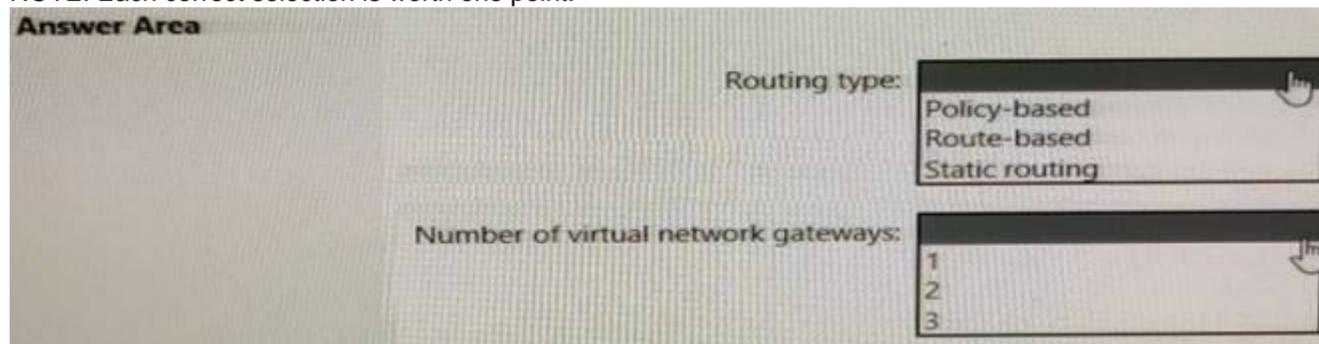
NEW QUESTION 17

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.

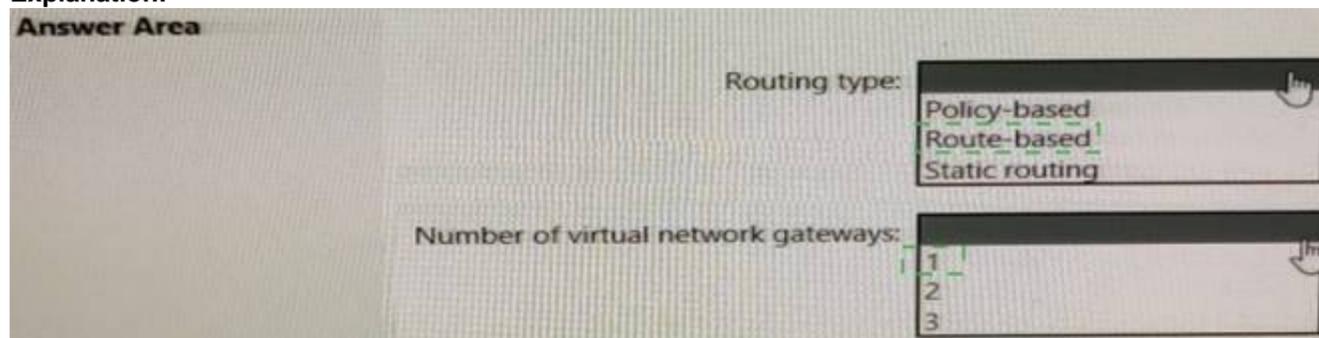
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 19

- (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 24

- (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
- D. an Azure Sentinel workspace

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 29

- (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": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wall4568if5131t48h7",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "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 31

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:

Answer Area

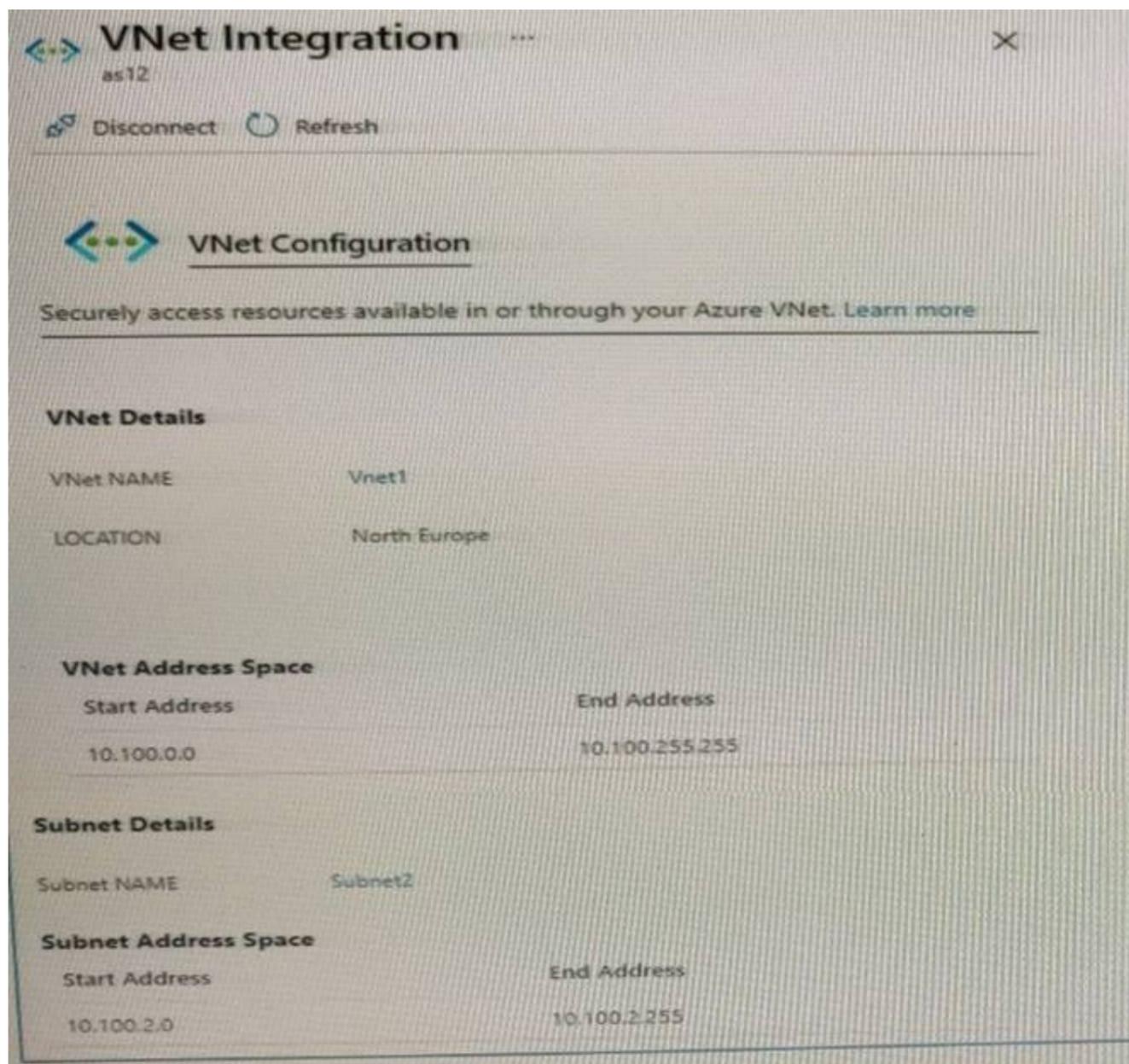
Statements	Yes	No
From 131.107.10.15, you can access www.contoso.com.	<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.fabrikam.com.	<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.adatum.com.	<input type="radio"/>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

NEW QUESTION 33

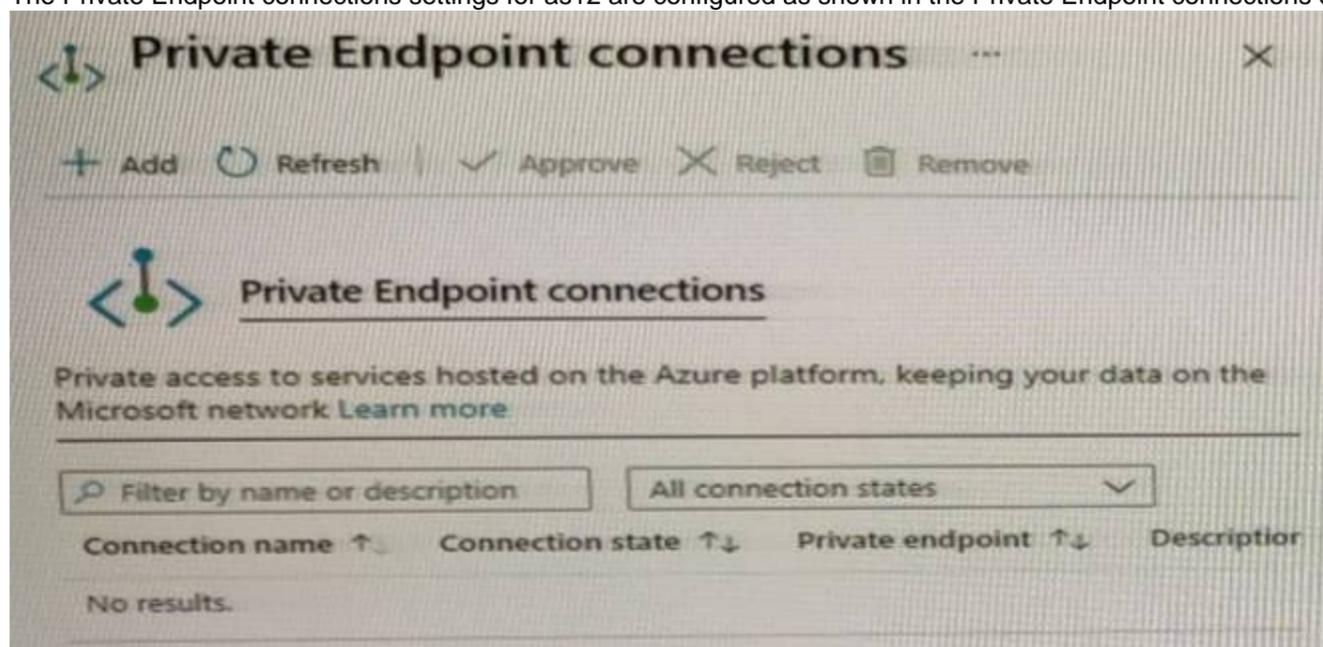
HOTSPOT - (Topic 3)

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.

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 35

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.

Fabrikam.com DNS zone

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

You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

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.

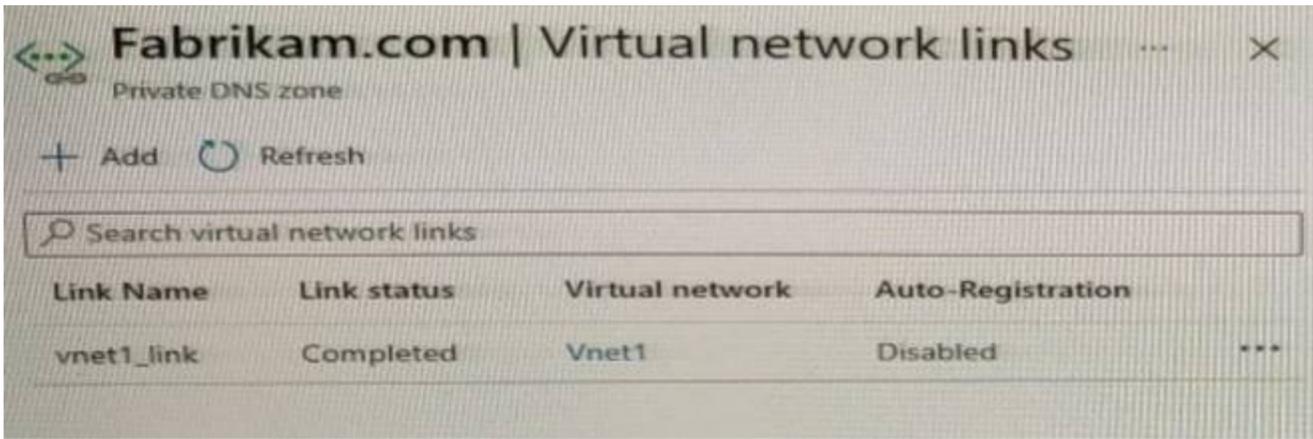
Fabrikam.com Private DNS zone

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

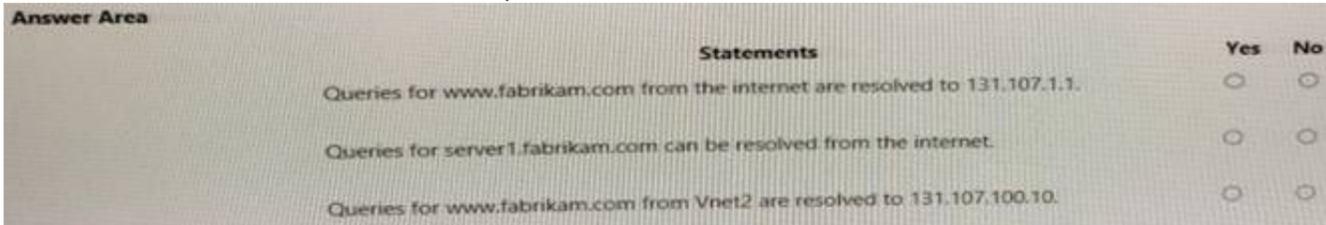
You can search for record sets that have been loaded on this page. If you don't see what you're looking for, you can try scrolling to allow more record sets to load.

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.



- 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 40

HOTSPOT - (Topic 3)

You have an Azure subscription.

You have the on-premises sites shown the following table.

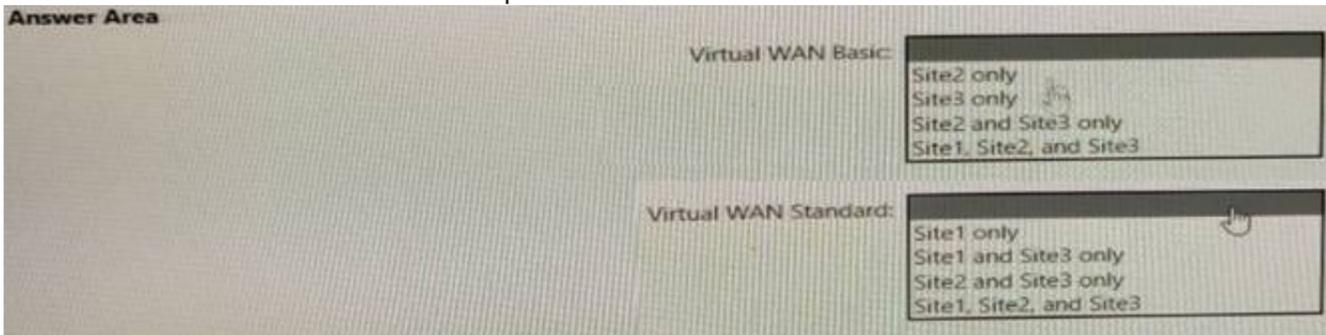
Name	Number of users	Connection type to Azure
Site1	500	ExpressRoute
Site2	100	Site-to-Site VPN
Site3	1	Point-to-Site (P2S) VPN

You plan to deploy Azure Virtual WAN.

You are evaluating Virtual WAN Basic and Virtual WAN Standard.

Which type of Virtual WAN can you use for each site? To answer, select the appropriate options in the answer area.

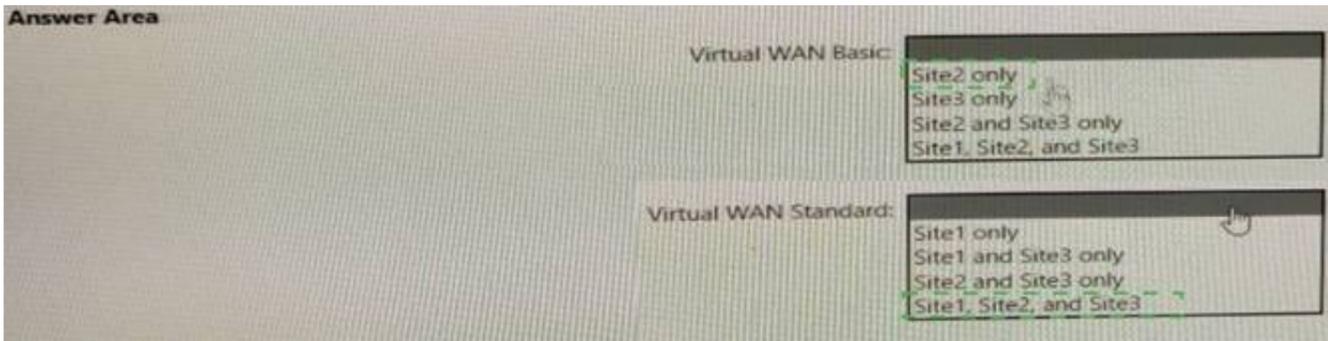
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 42

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 46

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 49

- (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.

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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-5bdd6fea73c/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.com",
    "transactionId": "4654411d8b9c1ea198165b9742d279e",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "Global"
  }
}

```

You need to ensure that the URL is accessible through the application gateway. Solution: You disable the WAF rule that has a ruleId of 920300. Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 52

- (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 55

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.

Answer Area

Azure AD configuration:

- An access package
- A conditional access policy
- An enterprise application
- A VPN certificate

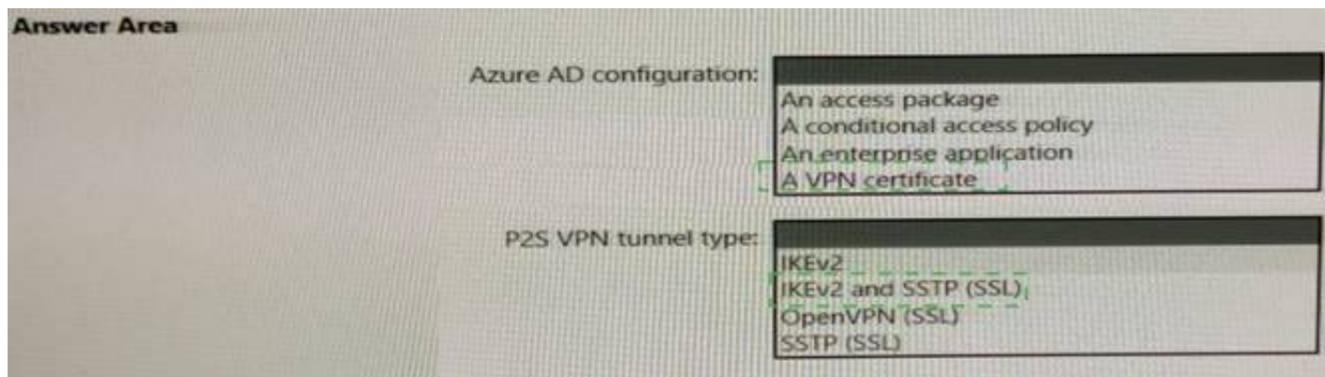
P2S VPN tunnel type:

- IKEv2
- IKEv2 and SSTP (SSL)
- OpenVPN (SSL)
- SSTP (SSL)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**NEW QUESTION 57**

- (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 58

- (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 63

- (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 68

- (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 73

- (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 76

- (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 81

- (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 86

- (Topic 3)

You have an Azure subscription that contains the public IPv4 addresses shown in the following table.

Name	SKU	IP address assignment	Location
IP1	Basic	Static	West US
IP2	Basic	Dynamic	West US
IP3	Standard	Static	West US
IP4	Basic	Static	West US 2
IP5	Standard	Static	West US 2

You plan to create a load balancer named LB1 that will have the following settings:

- * Name: LB1

- * Location: West US
- * Type: Public
- * SKU: Standard

Which public IPv4 addresses can be used by LB1?

- A. IP1 and IP3 only
- B. IP3 only
- C. IP3 and IP5 only
- D. IP2only
- E. IP1, IP2, IP3, IP4, and IP5
- F. IP1, IP3, IP4, and 1P5 only

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-public-ip-address>

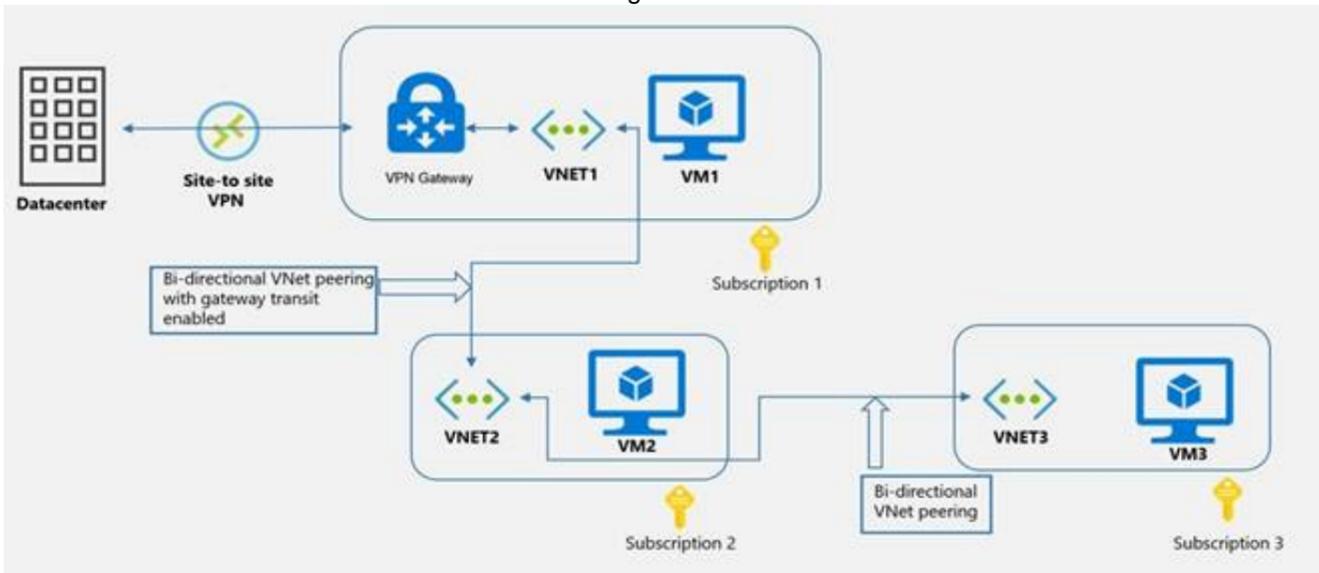
This is because "Load balancer and the public IP address SKU must match when you use them with public IP addresses" <https://docs.microsoft.com/en-us/azure/load-balancer/skus>

Standard SKU Load Balancer routes traffic within and across regions, and to Availability Zones for high resiliency.

NEW QUESTION 89

HOTSPOT - (Topic 3)

You have an Azure environment shown in the following exhibit.



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.

VM1 can communicate with (answer choice):

<input type="text"/>

VM2 can communicate with (answer choice):

<input type="text"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 91

DRAG DROP - (Topic 3)

You have an Azure subscription that contain a virtual network named Vnet1 and an Azure SQL database named SQL1 has a private endpoint on Vnet1.

You have a partner company named fabrikam, has an Azure subscription that contains a virtual network named Vnet1 and a virtual machine named VM1, VM1 is connected to Vnet2

You need to provide VM1 with access to SQL 1 by using an Azure private Link service. What should you implement on each virtual network? To answer, drag the appropriate

resources to the correct virtual networks. Each resource 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.

Resources

- A NAT gateway
- A peering link
- A private endpoint
- A service endpoint
- An Azure application gateway
- An Azure load balancer

Answer Area

Vnet1:

Vnet2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Resources

- A NAT gateway
- A peering link
- A private endpoint
- A service endpoint
- An Azure application gateway
- An Azure load balancer

Answer Area

Vnet1:

Vnet2:

NEW QUESTION 92

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

```

...
$policy = New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
-Ipsec.New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
-Ipsec.New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
New-AzIpssecTrafficSelectorPolicy
New-AzServiceEndpointPolicy
New-AzVpnClientIpssecPolicy

New-AzVirtualNetworkGatewayConnection -Name $Connection16 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw
New-AzVirtualHub -Name $VirtualHub1 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw -Connection1
ion1 -ConnectionType IPsec -IpsecPolicies $policy -SharedKey 'AzureA1b2C3'
New-AzVirtualNetworkGatewayConnection
New-AzVirtualNetworkGatewayNatRule
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

```

...
$policy = New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
-Ipsec.New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
-Ipsec.New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
New-AzIpssecTrafficSelectorPolicy
New-AzServiceEndpointPolicy
New-AzVpnClientIpssecPolicy

New-AzVirtualNetworkGatewayConnection -Name $Connection16 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw
New-AzVirtualHub -Name $VirtualHub1 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw -Connection1
ion1 -ConnectionType IPsec -IpsecPolicies $policy -SharedKey 'AzureA1b2C3'
New-AzVirtualNetworkGatewayConnection
New-AzVirtualNetworkGatewayNatRule
    
```

NEW QUESTION 96

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NEW QUESTION 99

- (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 103

- (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 104

- (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 107

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:

Routing rules:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1, 2

NEW QUESTION 111

- (Topic 3)

You have an Azure virtual network that contains the subnets shown in the following table.

Name	IP address space
AzureFirewallSubnet	192.168.1.0/24
Subnet2	192.168.2.0/24

You deploy an Azure firewall to AzureFirewallSubnet. You route all traffic from Subnet2 through the firewall. You need to ensure that all the hosts on Subnet2 can access an external site located at https://*.contoso.com. What should you do?

- A. Create a network security group (NSG) and associate the NSG to Subnet2.
- B. In a firewall policy, create an application rule.
- C. In a firewall policy, create a DNAT rule.
- D. In a firewall policy, create a network rule.

Answer: B

NEW QUESTION 115

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 117

HOTSPOT - (Topic 3)

You have an Azure subscription You plan to use Azure Virtual WAN.

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

- Supports 4 Gbps of Site-to-Site (S2S) VPN traffic
- Supports 8 Gbps of ExpressRoute traffic
- Minimizes costs

How many scale units should you configure? To answer select the appropriate options in the answer area.

NOTE Each correct selection is worth one point.

Answer Area

For the S2S VPN gateway:

For the ExpressRoute gateway:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Answer Area

For the S2S VPN gateway:

For the ExpressRoute gateway:

NEW QUESTION 121

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 125

- (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 126

- (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 130

HOTSPOT - (Topic 3)

You have an Azure virtual network named Vnet1 that contains two subnets named Subnet1 and Subnet2. You have the NAT gateway shown in the NATgateway1 exhibit.

NATgateway1
NAT gateway

Delete Refresh

JSON View

Essentials

Resource group (change)	: RG1
Location	: North Europe (Zone 1)
Subscription (change)	: Subscription1
Subscription ID	: 489f2hht-se7y-987v-g571-463hw3679512
Virtual network	: Vnet1
Subnets	: 1
Public IP addresses	: 0
Public IP prefixes	: 1
Tags (change)	: Click here to add tags

You have the virtual machine shown in the VM1 exhibit.

VM1
Virtual machine

Connect Start Restart Stop Capture Delete Refresh

Essentials

Resource group (change)	RG1	Operating system	Windows
Status	Running	Size	Standard B1s (1 vcpu, 1 GiB memory)
Location	North Europe (Zone 2)	Public IP address	
Subscription (change)	Subscription1	Virtual network/subnet	Vnet1/Subnet1
Subscription ID	489f2hht-se7y-987v-g571-463hw3679512	DNS name	
Availability zone	2		
Tags (change)	Click here to add tags		

Subnet1 is configured as shown in the Subnet1 exhibit.

Subnet1

Vnet1

Name
Subnet1

Subnet address range * ⓘ

10.100.1.0/24
 10.100.1.0 – 10.100.1.255 (251 + 5 Azure reserved addresses)

Add IPv6 address space ⓘ

NAT gateway ⓘ

NATgateway1

Network security group

None

Route table

RouteTable1

SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. [Learn more](#)

Services ⓘ

Microsoft.Storage

Service

Status

Microsoft.Storage

Succeeded



Service endpoint policies

0 selected

SUBNET DELEGATION

Delegate subnets to a service ⓘ

None

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
VM1 can communicate outbound by using NATgateway1	<input type="radio"/>	<input type="radio"/>
The virtual machines in Subnet2 communicate outbound by using NATgateway1	<input type="radio"/>	<input type="radio"/>
All the virtual machines that use NATgateway1 to connect to the internet use the same public IP address	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

VM1 is in Zone2 whereas the NAT Gateway is in Zone1. The VM would need to be in the same zone as the NAT Gateway to be able to use it. Therefore, VM1 cannot use the NAT gateway.

Box 2: Yes

NATgateway1 is configured in the settings for Subnet2.

Box 3: No

The NAT gateway does not have a single public IP address, it has an IP prefix which means more than one IP address. The VMs that use the NAT Gateway can use different public IP addresses contained within the IP prefix.

NEW QUESTION 134

- (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 138

- (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 143

- (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 145

- (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-5bdd6f7ea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGM1",
  "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 {{{\"ip AppleWebKit Android\"}}} against {{{\"REQUEST_HEADERS:User-Agent\"}}} required.",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appt.comtaco.com",
  "transactionId": "4054611d8b9c7e198165hg7422d74bc",
  "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?

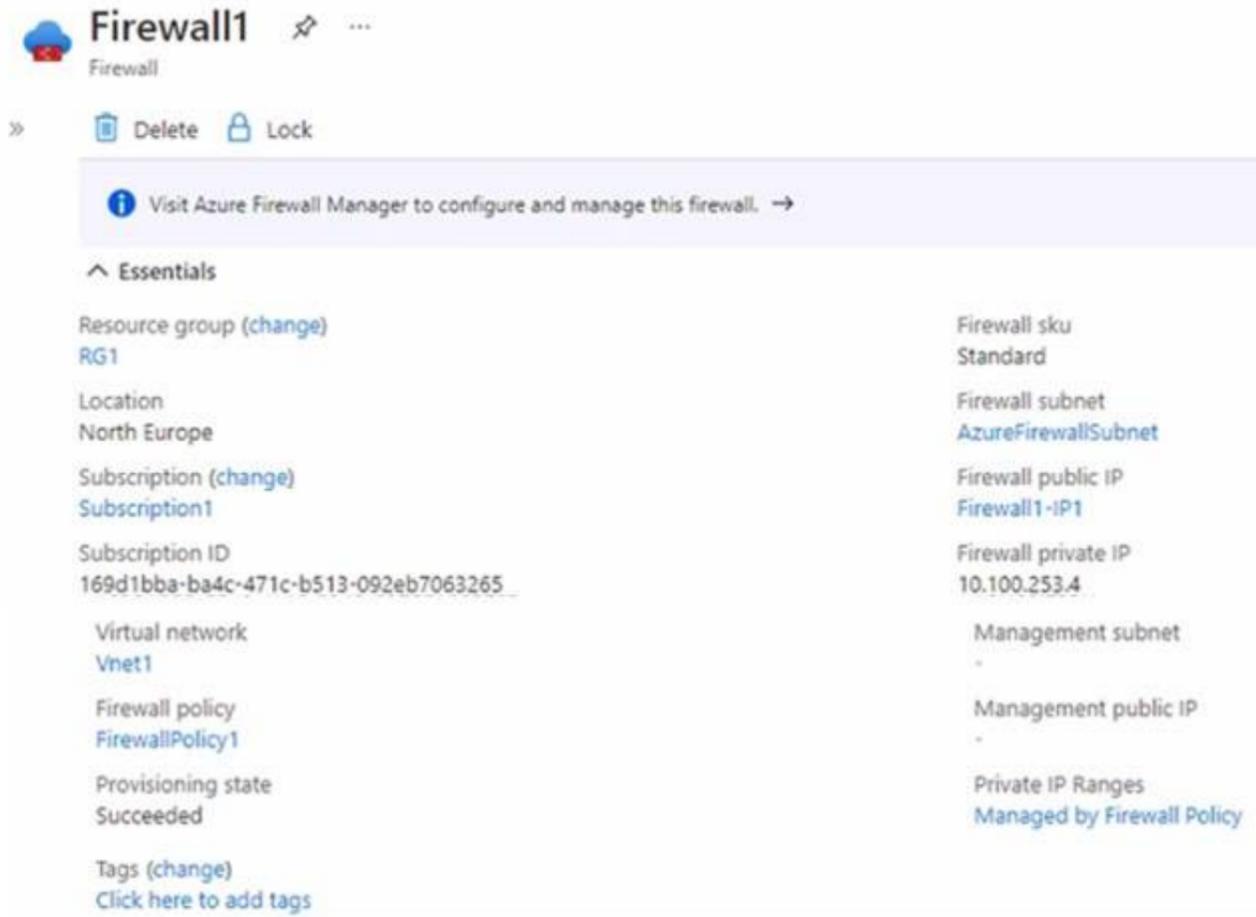
- A. Yes
- B. No

Answer: A

NEW QUESTION 150

HOTSPOT - (Topic 3)

You have the Azure firewall shown in the following exhibit.



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].

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

On Firewall1, forced tunneling [answer choice].

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

NEW QUESTION 151

- (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 155

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 160

- (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 165

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
Currently, 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:

Box 1: No

Zone2.contoso.com is not linked to any virtual networks. Therefore, no VMs are able to resolve names in the zone.

Box 2: Yes

VM4 is in VNet3. Zone1.contoso.com has a link to VNet3 and auto-registration is enabled on the link.

Box3: No

VNet3 is linked to zone1.contoso.com and auto-registration is enabled on the link. A virtual network can only have one registration zone. You can link zone2.contoso.com to VNet3 but you won't be able to enable auto-registration on the link.

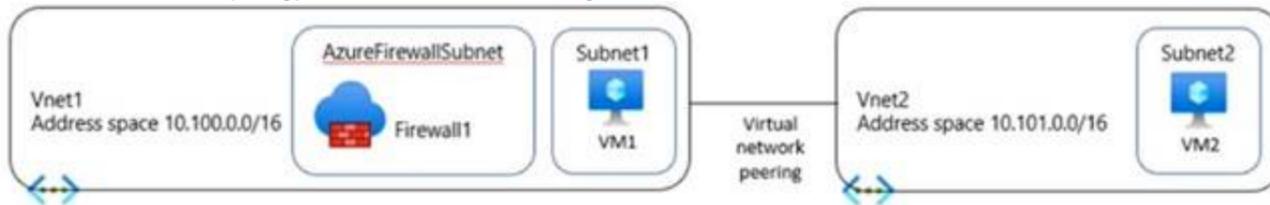
NEW QUESTION 170

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.

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	Yes	No
A routing table must be associated with Subnet1 and Subnet2 to ensure that all internet traffic for VM1 and VM2 is sent via Firewall1.	<input type="radio"/>	<input type="radio"/>
The enable remote gateway setting must be enabled on the virtual net peering to provide VM2 Internet access by using Firewall1.	<input type="radio"/>	<input type="radio"/>
Firewall1 can be configured to limit access to websites by categories.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A routing table must be associated with Subnet1 and Subnet2 to ensure that all internet traffic for VM1 and VM2 is sent via Firewall1.	<input type="radio"/>	<input type="radio"/>
The enable remote gateway setting must be enabled on the virtual net peering to provide VM2 Internet access by using Firewall1.	<input type="radio"/>	<input type="radio"/>
Firewall1 can be configured to limit access to websites by categories.	<input type="radio"/>	<input type="radio"/>

NEW QUESTION 173

DRAG DROP - (Topic 3)

You have two Azure subscriptions named Subscription1 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.

A. Mastered
 B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 176

- (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 177

FILL IN THE BLANK - (Topic 2)

You are implementing the Virtual network requirements for Vnet6.

What is the minimum number of subnets and service endpoints you should create? 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:
2, 4

NEW QUESTION 179

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:

▼
VM2 only
VM2 and VM4 only
VM2, VM3, and VM4 only
VM2, VM3, VM4, and VM5

VM4:

▼
VM3 only
VM1 and VM3 only
VM1, VM2, and VM3 only
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 180

- (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:

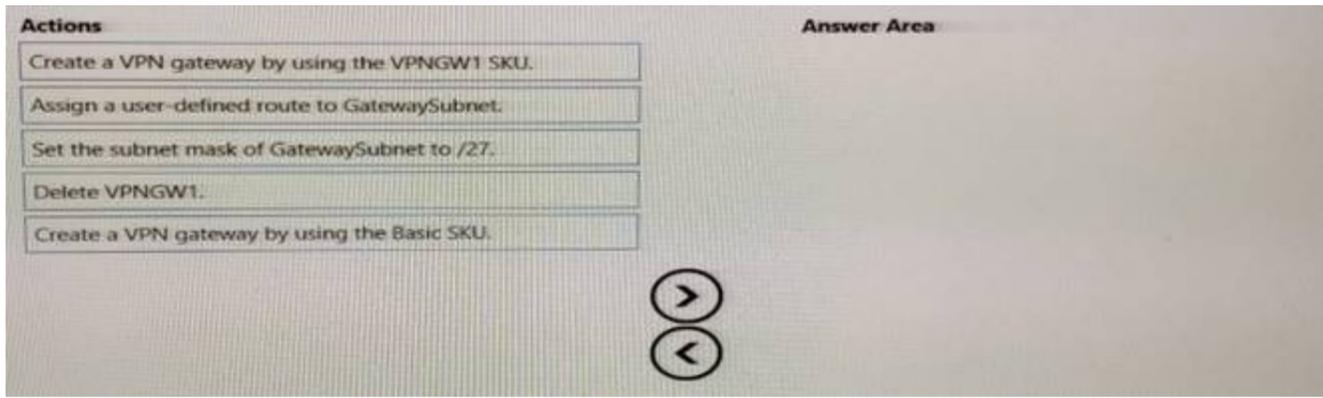
VNet 1 will get the default from BGP and propagate it to VNET 2 and 3

NEW QUESTION 182

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.

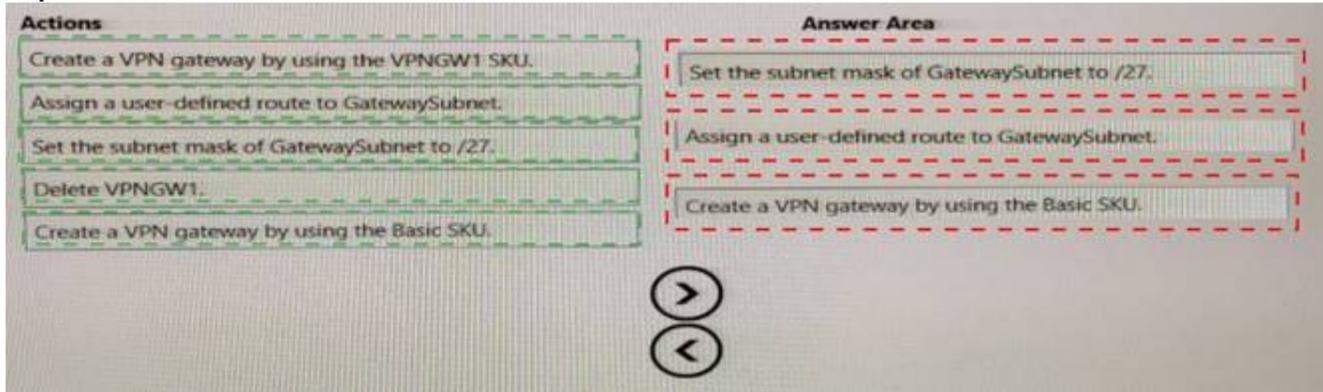
Which three actions should you perform in sequence for Vnet1? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 187

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