



Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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NEW QUESTION 1

- (Exam 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:

Table Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-site-to-site-portal>

NEW QUESTION 2

- (Exam 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 3

- (Exam Topic 3)

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

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

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

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

You have the resources shown in the following table.

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

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

- * 0.0.0.0/0
- * 10.0.0.0/16

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

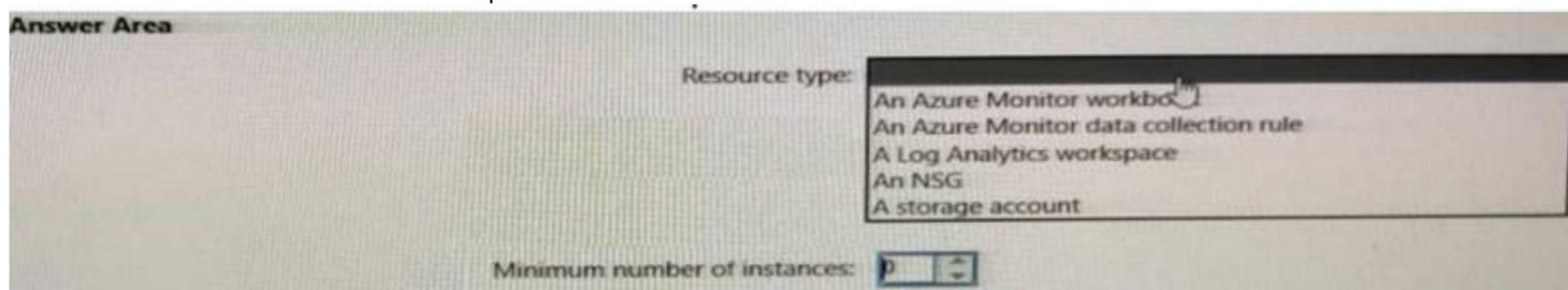
NEW QUESTION 4

- (Exam Topic 2)

You need to meet the network security requirements for the NSG flow logs.

Which type of resource do you need, and how many instances should you create? To answer, select the appropriate options in the answer area.

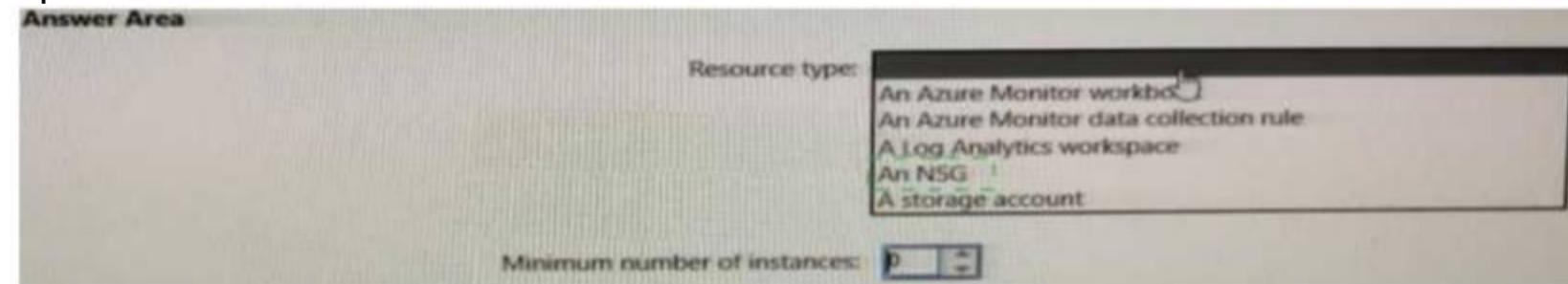
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 5

- (Exam 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 6

- (Exam 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:

Graphical user interface, text, application, email Description automatically generated

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 7

- (Exam 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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 8

- (Exam 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.

Answer Area

NSGs:

- NGS1 only
- NSG1 and NSG2 only
- NSG1, NSG2, and NSG5 only
- NSG1, NSG2, NSG4, and NSG5 only
- NSG1, NSG2, NSG3, NSG4, and NSG5

Virtual machines:

- VM2 only
- VM2 and VM5 only
- VM2, VM4, and VM5 only
- VM2, VM3, VM4, and VM5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NGS1 only
 VM2, VM3, VM4 and VM5

NEW QUESTION 9

- (Exam 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

Answer Area

- 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

➤
➤

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

<https://docs.microsoft.com/en-us/azure/load-balancer/skus>
<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-outbound-connections#outboundrules>

NEW QUESTION 10

- (Exam Topic 1)

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

NOTE: Each correct selection is worth one point.

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

Answer: BD

NEW QUESTION 10

- (Exam 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: A

Explanation:

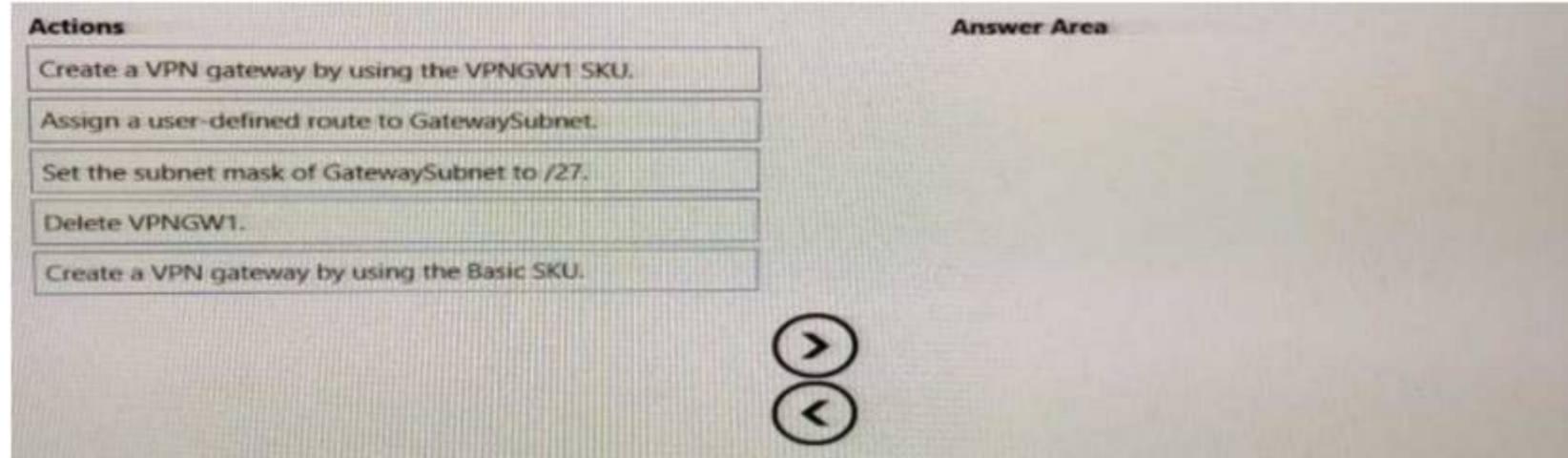
VNet 1 will get the default from BGP and propagate it to VNET 2 and 3

NEW QUESTION 14

- (Exam 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.



The screenshot shows an exam question interface. On the left, under the heading "Actions", there is a list of five actions in a scrollable container:

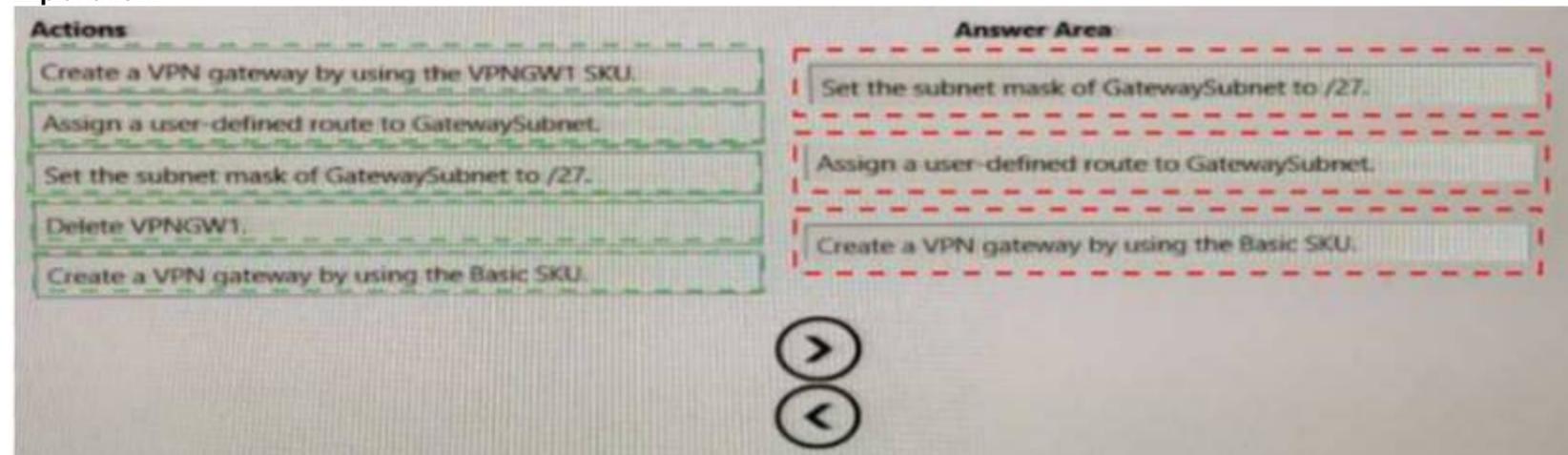
- Create a VPN gateway by using the VPNGW1 SKU.
- Assign a user-defined route to GatewaySubnet.
- Set the subnet mask of GatewaySubnet to /27.
- Delete VPNGW1.
- Create a VPN gateway by using the Basic SKU.

On the right, under the heading "Answer Area", there is an empty space for the user to place the selected actions in the correct order. Below the actions list, there are two circular navigation buttons: a right-pointing arrow and a left-pointing arrow.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



This screenshot is similar to the previous one, but it highlights the correct answer sequence. The "Answer Area" on the right contains three actions, each enclosed in a red dashed box, indicating they are the correct sequence:

- Set the subnet mask of GatewaySubnet to /27.
- Assign a user-defined route to GatewaySubnet.
- Create a VPN gateway by using the Basic SKU.

The "Actions" list on the left remains the same. The navigation buttons are also present at the bottom.

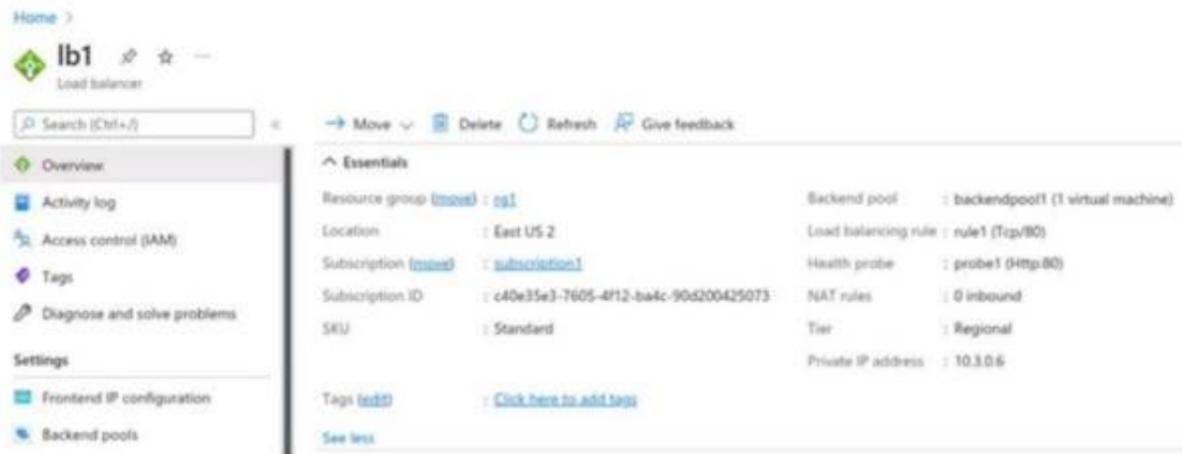
NEW QUESTION 15

- (Exam Topic 3)

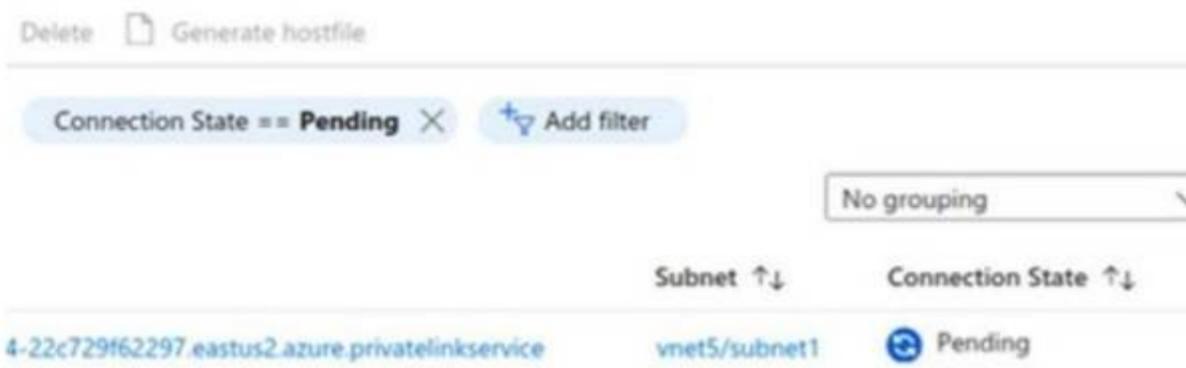
You have two Azure subscriptions named Subscription1 and Subscription2. There are no connections between the virtual networks in two subscriptions. You configure a private link service as shown in the privatelinkservice1 exhibit. (Click the privatelinkservice1 tab.)



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



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



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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Yes, Yes, No

NEW QUESTION 16

- (Exam Topic 3)

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

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

You create a private endpoint for App1. The record for the endpoint is registered automatically in Azure DNS. You need to provide a developer with the name that is registered in Azure DNS for the private endpoint. What should you provide?

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

Answer: A

NEW QUESTION 18

- (Exam 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?

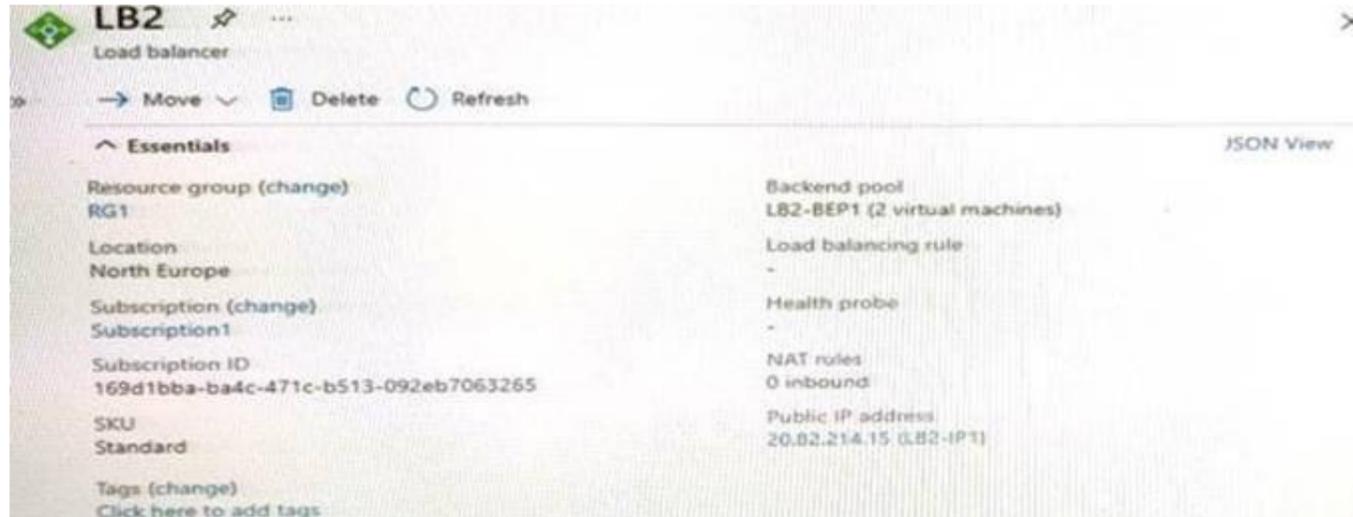
- A. geographic
- B. weighted
- C. performance
- D. priority

Answer: D

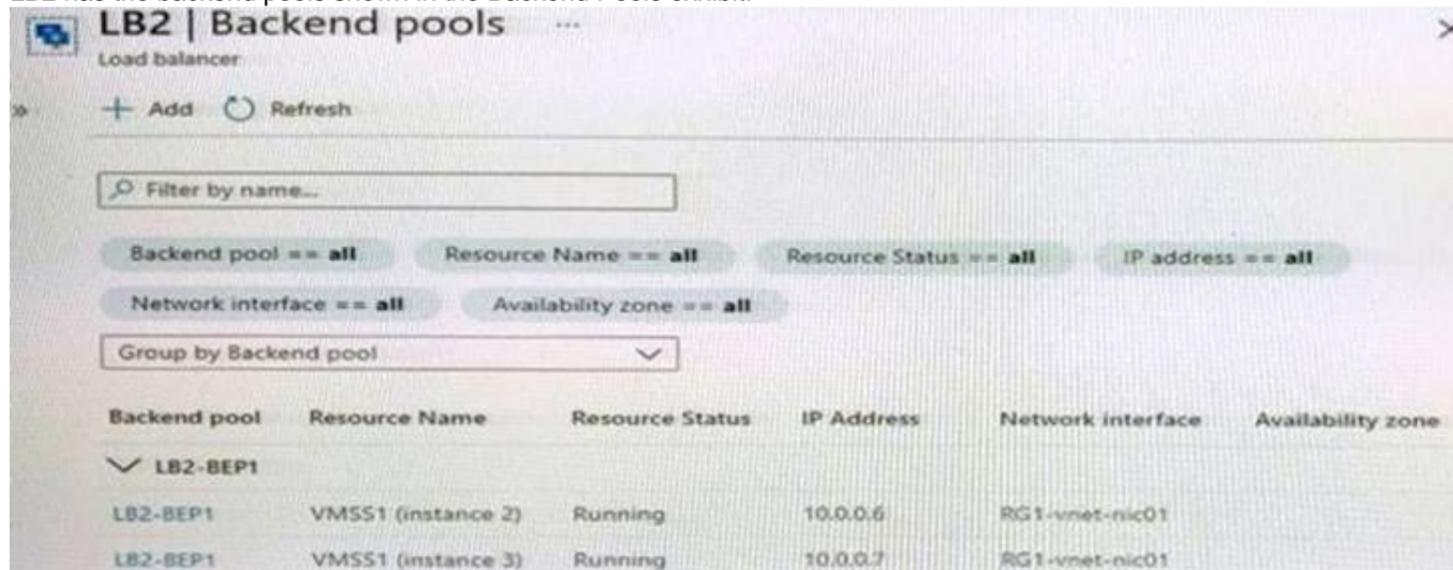
NEW QUESTION 22

- (Exam Topic 3)

You have the Azure load balancer shown in the Load Balancer exhibit.



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



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

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

Answer: BD

Explanation:

Reference:

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

NEW QUESTION 24

- (Exam 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 25

- (Exam 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.

Answer Area

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:

Answer Area

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

NEW QUESTION 30

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled. You configure the application gateway to direct traffic to the URL of the application gateway.

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

```
{
  "timestamp": "2021-06-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g57l-463hw3679512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\*pm AppleWebKit Android\\*' against '\\*REQUEST_HEADER:User-Agent\\*' required. ",
      "data": "",
      "file": "rules/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "124"
    }
  },
  "hostname": "app1.contoso.com",
  "transactionId": "f7546159yhj87wall4568if5131t68h7",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

You need to ensure that the URL is accessible through the application gateway.

Solution: You create a WAF policy exclusion for request headers that contain 137.135.10.24. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The parameter here should be RemoteAddr not Request header.

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/custom-waf-rules-overview#match-variable>

NEW QUESTION 34

- (Exam Topic 3)

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

Name	IP address
Vnet1	10.1.0.0/16
Vnet2	10.2.0.0/16

The links have auto registration enabled.

You create the virtual machines shown in the following table.

Name	IP address
VM1	10.1.10.10
VM2	10.2.10.10
VM3	10.2.10.11

You manually add the following entry to the contoso.com zone:

- > Name: VM1
- > IP address: 10.1.10.9

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

Answer Area

Statements	Yes	No
VM2 will resolve vm1.contoso.com to 10.1.10.10	<input type="radio"/>	<input type="radio"/>
Deleting VM1 will delete the VM1 record automatically	<input type="radio"/>	<input type="radio"/>
Changing the IP address of VM3 will update the DNS record of VM3 automatically	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Box 1: No

The manual DNS record will overwrite the auto-registered DNS record so VM1 will resolve to 10.1.10.9. Box 2: No

The DNS record for VM1 is now a manually created record rather than an auto-registered record. Only auto-registered DNS records are deleted when a VM is deleted.

Box 3: No

This answer depends on how the IP address is changed. To change the IP address of a VM manually, you would need to select 'Static' as the IP address assignment. In this case, the DNS record will not be updated because only DHCP assigned IP addresses are auto-registered.

Reference:

<https://docs.microsoft.com/en-us/azure/dns/dns-faq-private>

NEW QUESTION 38

- (Exam 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:

Graphical user interface Description automatically generated with medium confidence

Reference:

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/per-site-policies>

NEW QUESTION 42

- (Exam Topic 3)

You have the Azure resources shown in the following table.

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

You configure storage1 to provide access to the subnet in Vnet1 by using a service endpoint.

You need to ensure that you can use the service endpoint to connect to the read-only endpoint of storage1 in the paired Azure region.

What should you do first?

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

Answer: A

NEW QUESTION 46

- (Exam 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 50

- (Exam Topic 3)

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

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

You plan to use Azure Virtual Network NAT to implement outbound connectivity for App1 and App2. You need to identify the minimum number of subnets and Virtual Network NAT instances required to meet the following requirements:

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

Answer Area

Minimum number of subnets:

Minimum number of Virtual Network NAT instances:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, table Description automatically generated

Reference:

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

NEW QUESTION 51

- (Exam 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 52

- (Exam 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 57

- (Exam 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. On FW1, create an outbound service tag rule for AzureCloud.
- B. On FW1, create an outbound network rule that allows traffic to the Azure Key Management Service (KMS).
- C. Deploy a NAT gateway.
- D. To Subnet1, associate a network security group (NSG) that allows outbound access to port 1688.

Answer: B

Explanation:

Reference:

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

NEW QUESTION 59

- (Exam 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 61

- (Exam Topic 3)

Your company has an on-premises network and three Azure subscriptions named Subscription1, Subscription2, and Subscription3.

The departments at the company use the Azure subscriptions as shown in the following table.

Department	Subscription
IT	Subscription1
Research	Subscription1
Development	Subscription2
Testing	Subscription2
Distribution	Subscription3

All the resources in the subscriptions are in either the West US Azure region or the West US 2 Azure region. You plan to connect all the subscriptions to the on-premises network by using ExpressRoute.

What is the minimum number of ExpressRoute circuits required?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 64

- (Exam 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 'Essentials' section of the 'Fabrikam.com' DNS zone configuration in the Azure portal. The configuration details are as follows:

- 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 for record sets 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.

Private DNS zone

+ Record set → Move ▾ Delete zone Refresh

Essentials JSON View

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.

Search 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.

Private DNS zone

+ Add Refresh

Search virtual network links

Link Name	Link status	Virtual network	Auto-Registration
vnet1_link	Completed	Vnet1	Disabled

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:

Graphical user interface, text, application, email Description automatically generated

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 65

- (Exam 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 Policy! 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

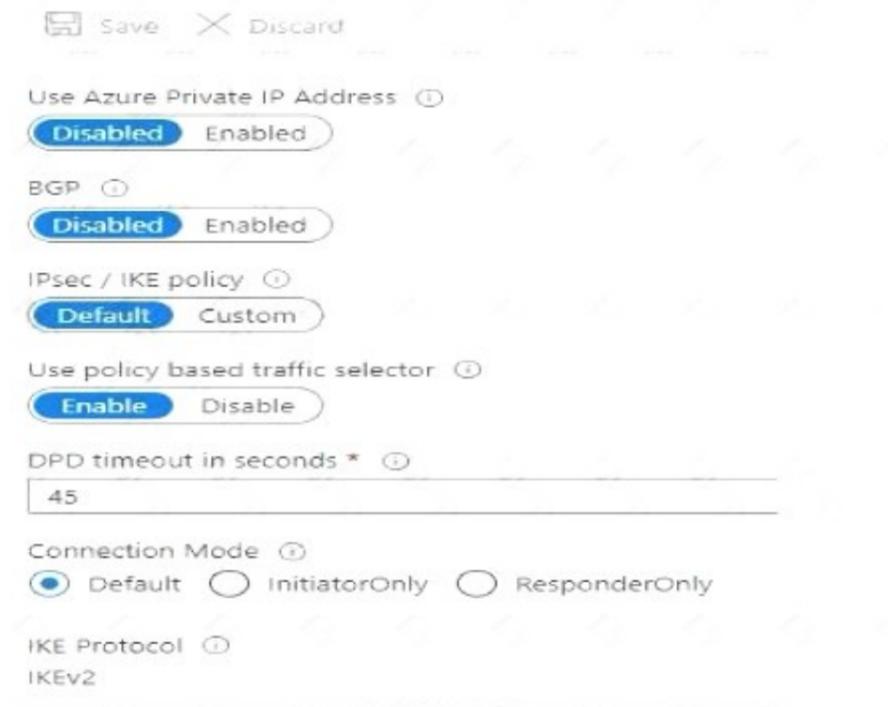
NEW QUESTION 66

- (Exam 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 67

- (Exam 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-ae7y-997v-q571-463hw3679512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\*pm AppleWebKit Android\\*' against '\\*REQUEST_HEADER:User-Agent\\*' required. ",
      "data": "",
      "file": "rules/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1243"
    }
  },
  "hostname": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wal14568if5131t68h7",
  "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 68

- (Exam 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 70

- (Exam 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 should 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 74

- (Exam 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: A

NEW QUESTION 75

- (Exam 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 76

- (Exam Topic 3)

You have an Azure Front Door instance named FrontDoor1.

You deploy two instances of an Azure web app to different Azure regions.

You plan to provide access to the web app through FrontDoor1 by using the name app1.contoso.com. You need to ensure that FrontDoor1 is the entry point for

requests that use app1.contoso.com.

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated

NEW QUESTION 78

- (Exam 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 80

- (Exam 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-5b0d6efea73c/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_CR5",
    "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": "d654811d0hgqlw198165hq7428d74h6",
    "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 82

- (Exam 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?

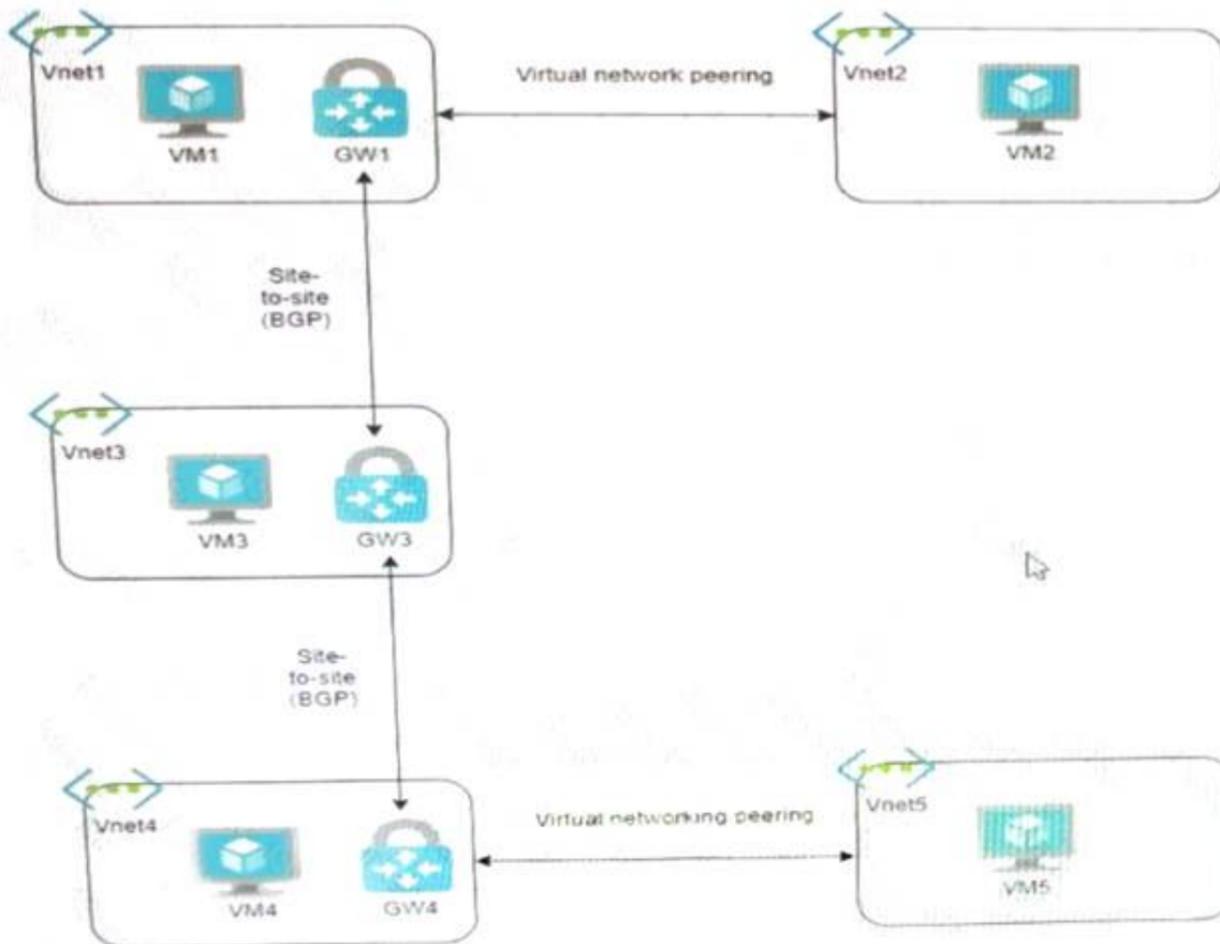
- A. Vnet1 only
- B. Vnet1 and Vnet2 only
- C. Vnet1, Vnet2, and Vnet4 only
- D. Vnet1 and Vnet4 only
- E. Vnet1, Vnet2, Vnet3, and Vnet4

Answer: C

NEW QUESTION 87

- (Exam Topic 3)

You have the Azure environment shown in the exhibit.



You have virtual network peering between Vnet1 and Vnet2. You have virtual network peering between Vnet4 and Vnet5. The virtual network peering is configured as shown in the following table.

Virtual network	Traffic to remote virtual network	Use remote gateway	Allow gateway transit
Vnet1	Allow	None	Enabled
Vnet2	Allow	Enabled	None
Vnet4	Allow	None	Enabled
Vnet5	Block	Enabled	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.

Answer Area

Statements	Yes	No
VM1 and VM4 can communicate.	<input type="radio"/>	<input type="radio"/>
VM2 and VM4 can communicate.	<input type="radio"/>	<input type="radio"/>
VM1 and VM5 can communicate.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
VM1 and VM4 can communicate.	<input checked="" type="radio"/>	<input type="radio"/>
VM2 and VM4 can communicate.	<input type="radio"/>	<input checked="" type="radio"/>
VM1 and VM5 can communicate.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 92

- (Exam Topic 3)

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

- A virtual network named Vnet1
- An App Service plan named ASPI
- An Azure App Service named webapp1

- An Azure private DNS zone named private.contoso.com
- Virtual machines on Vnet1 that cannot communicate outside the virtual network

You need to ensure that the virtual machines on Vnet1 can access webapp1 by using a URL of https://wwwprivate.contosocom.
 Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a private endpoint for webapp1.
- B. Create a service endpoint for webapp1.
- C. Create a CNAME record that maps www.pnivate.contoso.com to webapp1.privatelink.azurewebsites.net.
- D. Create a CNAME record that maps wwwprivatemntoso.com to webapp1.contoso.onmicrosoft.com.
- E. Register an enterprise application in Azure AD for webapp1.
- F. Create a CNAME record that maps wow.private.contoso.com to webapp 1 private@ntoso.com.

Answer: AD

NEW QUESTION 96

- (Exam 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 100

- (Exam 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 105

- (Exam Topic 3)

You have an Azure virtual network named Vnet1 that connects to an on-premises network. You have an Azure Storage account named storageaccount1 that contains blob storage.

You need to configure a private endpoint for the blob storage. The solution must meet the following requirements:

- > Ensure that all on-premises users can access storageaccount1 through the private endpoint.
- > Prevent access to storageaccount1 from being interrupted.

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

- Install the DNS server role and configure the forwarding of blob.core.windows.net to 168.63.129.16
- Configure on-premises DNS servers to forward blob.core.windows.net to the virtual machine
- Configure a private endpoint on storageaccount1 and disable public access to the account
- Configure on-premises DNS server to forward blob.core.windows.net to 168.63.129.16
- Deploy a virtual machine to a subnet in Vnet1



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 168.63.129.16 is the IP address of Azure DNS which hosts Azure Private DNS zones. It is only accessible from within a VNet which is why we need to forward on-prem DNS requests to the VM running DNS in the VNet. The VM will then forward the request to Azure DNS for the IP of the storage account private endpoint.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-private-endpoints>

NEW QUESTION 107

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled. You configure the application gateway to direct traffic to the URL of the application gateway.

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

```
{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g571-463hw3679512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of \\\"pm AppleWebKit Android\\\" against \\\"REQUEST_HEADER:User-Agent\\\" required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "appl.contoso.com",
    "transactionId": "f7546159yhjk7wall4560if5131t68h7",
    "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?

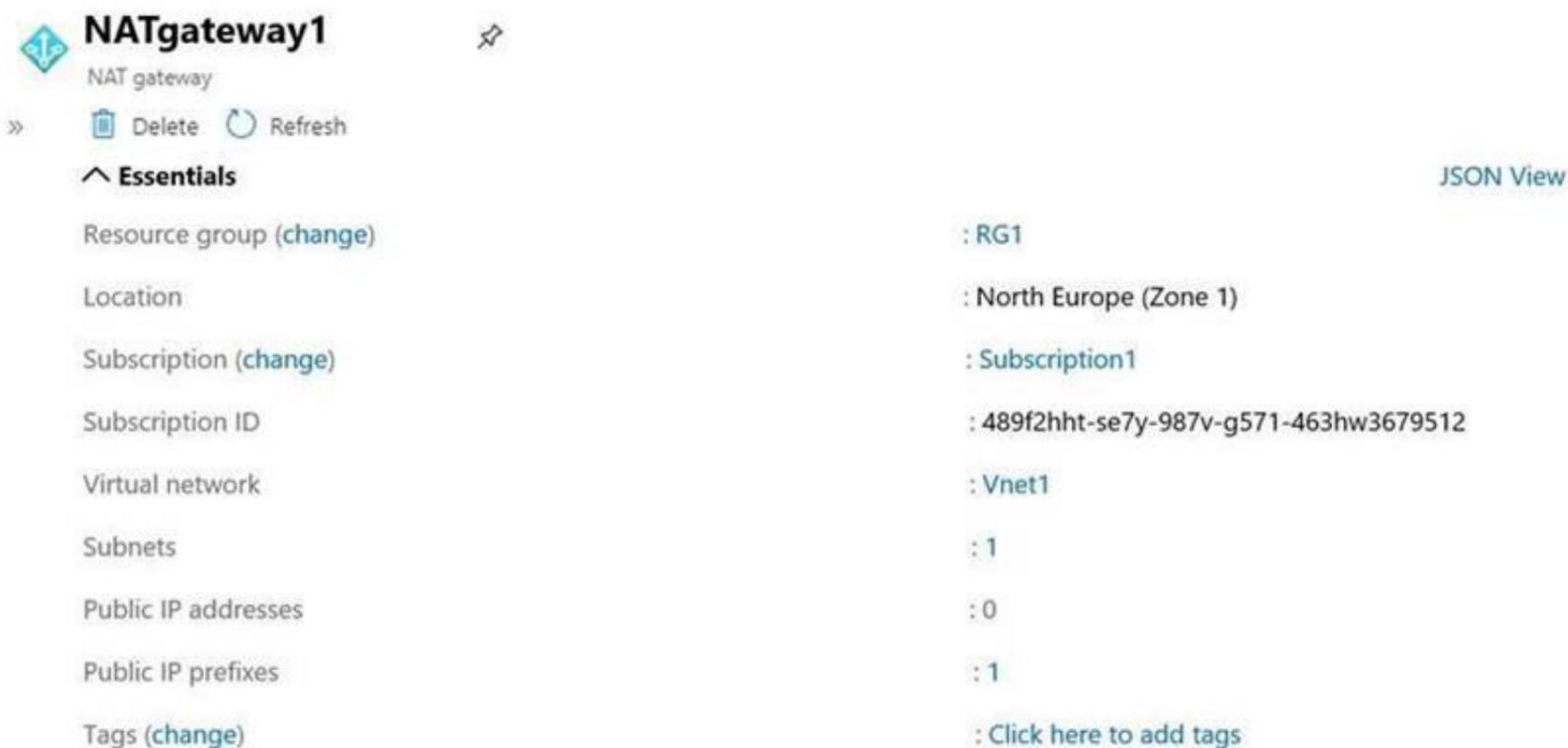
- A. Yes
- B. No

Answer: A

NEW QUESTION 108

- (Exam 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, (Click the NATgateway1 tab)



NATgateway1
 NAT gateway

» Delete Refresh

^ Essentials JSON View

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, (Click the VM1 tab)

VM1 Virtual machine

» [Connect](#) [Start](#) [Restart](#) [Stop](#) [Capture](#) [Delete](#) [Refresh](#)

Essentials

Resource group (change)
RG1

Status
Running

Location
North Europe (Zone 2)

Subscription (change)
Subscription1

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

Availability zone
2

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

Operating system
Windows

Size
Standard B1s (1 vcpus, 1 GiB memory)

Public IP address

Virtual network/subnet
Vnet1/Subnet1

DNS name

Subnet1 is configured as shown in the Subnet1 exhibit, (Click the Subnet1 tab)

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

Answer Area

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:

Graphical user interface, text, application Description automatically generated

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 the use the NAT Gateway can use different public IP addresses contained within the IP prefix.

Reference:

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

NEW QUESTION 113

- (Exam 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-5bd66fea733c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGM1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewalllog",
  "properties": {
    "instanceId": "apgw_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.cortaso.com",
  "transactionId": "d654611d0hgq1ea198165hq742d07466",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

You need to ensure that the URL is accessible through the application gateway.

Solution: You create a WAF policy exclusion request headers that contain 137.135.10.24. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 114

- (Exam Topic 3)

Your company has an Azure virtual network named Vnet1 that uses an IP address space of 192.168.0.0/20. Vnet1 contains a subnet named Subnet1 that uses an IP address space of 192.168.0.0/24.

You create an IPv6 address range to Vnet1 by using a CIDR suffix of /48.

You need to enable the virtual machines on Subnet1 to communicate with each other by using IPv6 addresses assigned by the company. The solution must minimize the number of additional IPv4 addresses.

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

Answer Area

Create an IPv6 subnet that uses a CIDR suffix of:

	▼
/20	
/24	
/48	
/64	

For each virtual machine, create an additional:

	▼
IP configuration	
NIC	
Public IPv6 address	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

:
 Add IPv6 configuration to NIC. "Configure all of the VM NICs with an IPv6 address using Add-AzNetworkInterfaceIpConfig"
 Source: <https://docs.microsoft.com/en-us/azure/load-balancer/ipv6-add-to-existing-vnet-powershell>

NEW QUESTION 119

- (Exam Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have two Azure virtual networks named Vnet1 and Vnet2.

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

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

You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2.

Solution: You reset the gateway of Vnet1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

NEW QUESTION 122

- (Exam 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 126

- (Exam Topic 3)

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

Name	Routing method
Profile1	Performance
Profile2	Multivalued

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 128

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