Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions
will not appear in the review screen.
You have an Azure subscription that contains the following resources:
* A virtual network named Vnet1
* A subnet named Subnet1 in Vnet1
* A virtual machine named VM1 that connects to Subnet1
* Three storage accounts named storage1, storage2, and storage3
You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.
Solution: You configure the firewall on storage1 to only accept connections from Vnet1. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 3
- (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 4
- (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.	○	○
Traffic from VM1 is routed to the on-premises network through NVA1.	○	○
Traffic from VM1 is routed to VM2 through NVA1.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Internet traffic from NVA1 is routed to the on-premises network.	☐	○
Traffic from VM1 is routed to the on-premises network through NVA1.	☐	○
Traffic from VM1 is routed to VM2 through NVA1.	☐	○

-

NEW QUESTION 5
- (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.

Answer Area

Resource type:
An Azure Monitor workbo[ ]
An Azure Monitor data collection rule
A Log Analytics workspace
An NSG
A storage account

Minimum number of instances: [0] [▲▼]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
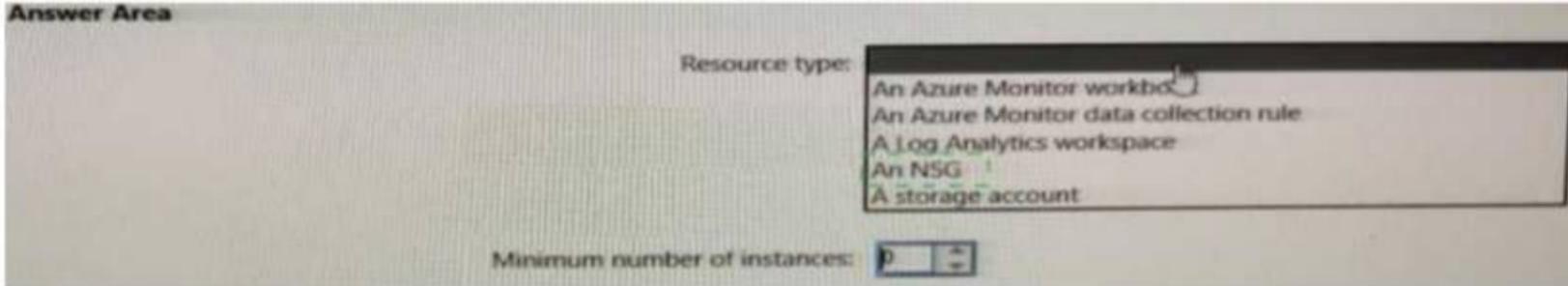
NEW QUESTION 6
- (Exam Topic 2)
What should you implement to meet the virtual network requirements for the virtual machines that connect to Vnet4 and Vnet5?

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 7
- (Exam Topic 1)
You need to restrict traffic from VMScaleSet1 to VMScaleSet2. The solution must meet the virtual networking requirements.
What is the minimum number of custom NSG rules and NSG assignments required? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 2: One NSG
The minimum requirement is one NSG. You could attach the NSG to VMScaleSet1 and restrict outbound traffic, or you could attach the NSG to VMScaleSet2 and restrict inbound traffic. Either way you would need two custom NSG rules.
Box 1: Two custom rules
With the NSG attached to VMScaleSet2, you would need to create a custom rule blocking all traffic from VMScaleSet1. Then you would need to create another custom rule with a higher priority than the first rule that allows traffic on port 443.
The default rules in the NSG will allow all other traffic to VMScaleSet2.

NEW QUESTION 8
- (Exam Topic 1)
You need to configure the default route on Vnet2 and Vnet3. The solution must meet the virtual networking requirements.
What should you use to configure the default route?

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

D. a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3

Answer: B

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

NEW QUESTION 9
- (Exam Topic 1)
You need to implement name resolution for the cloud.liwareinc.com. The solution must meet the networking requirements.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

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

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

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/dns/private-dns-autoregistration
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-name-resolution-for-vms-and-role-insta

NEW QUESTION 10
- (Exam Topic 1)
You need to provide connectivity to storage1. The solution must meet the PaaS networking requirements and the business requirements.
What should you include in the solution?

A. a service endpoint
B. Azure Front Door
C. a private endpoint
D. Azure Traffic Manager

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-service-endpoints-overview

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 14
- (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 19
- (Exam Topic 1)
You need to recommend a configuration for the ExpressRoute connection from the Boston datacenter. The solution must meet the hybrid networking requirements and business requirements.
What should you recommend? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Set the ExpressRoute gateway type to:
- High Performance (ERGw2AZ)
- Standard Performance (ERGw1AZ)
- Ultra Performance (ERGw3AZ)

To minimize latency of traffic to Vnet2:
- Create a dedicated ExpressRoute circuit for Vnet2
- Connect Vnet2 directly to the ExpressRoute circuit
- Configure gateway transit for the peering between Vnet1 and Vnet2

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
For the first question, only ExpressRoute GW SKU Ultra Performance support FastPath feature.
For the second question, vnet1 will connect to ExpressRoute gw, once Vnet1 peers with Vnet2, the traffic from on-premise network will bypass GW and Vnet1, directly goes to Vnet2, while this feature is under public preview.
====Reference
ExpressRoute virtual network gateway is designed to exchange network routes and route network traffic. FastPath is designed to improve the data path performance between your on-premises network and your virtual network. When enabled, FastPath sends network traffic directly to virtual machines in the virtual network, bypassing the gateway.
To configure FastPath, the virtual network gateway must be either: Ultra Performance
ErGw3AZ
VNet Peering - FastPath will send traffic directly to any VM deployed in a virtual network peered to the one connected to ExpressRoute, bypassing the ExpressRoute virtual network gateway.
https://docs.microsoft.com/en-us/azure/expressroute/about-fastpath Gateway SKU
https://docs.microsoft.com/en-us/azure/expressroute/expressroute-about-virtual-network-gateways

NEW QUESTION 21
- (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.

Actions

| Actions	Answer Area
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.	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
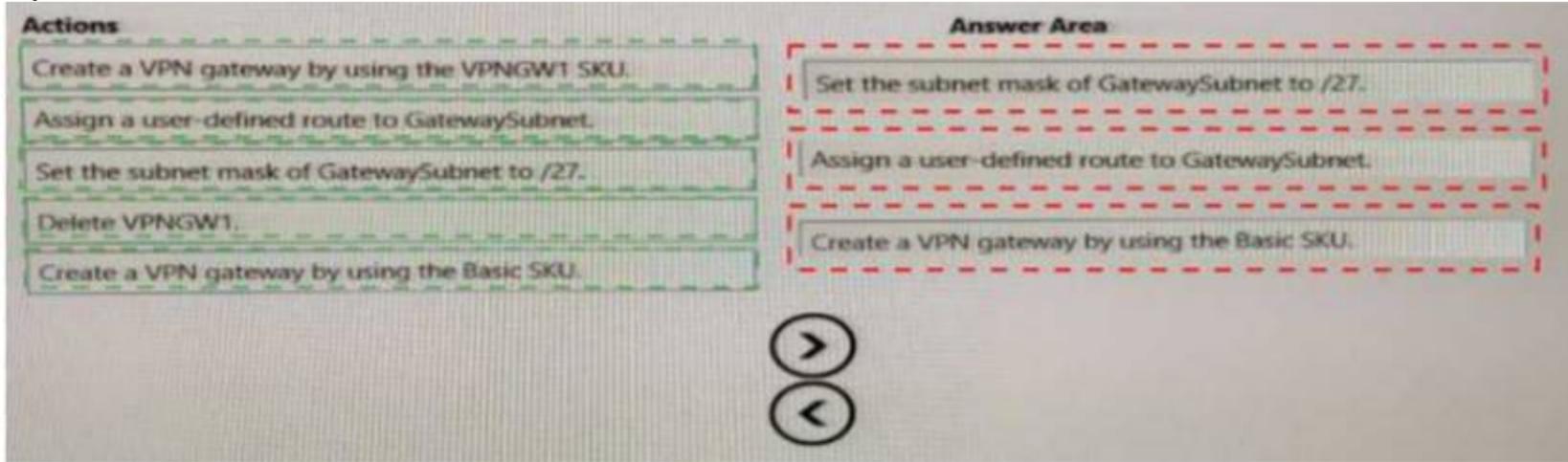
NEW QUESTION 22
- (Exam Topic 3)
You have 10 Azure App Service instances. Each instance hosts the same web app. Each instance is in a different Azure region.
You need to configure Azure Traffic Manager to direct users to the instance that has the lowest latency. Which routing method should you use?

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

Answer: D

NEW QUESTION 25
- (Exam Topic 3)
You fail to establish a Site-to-Site VPN connection between your company's main office and an Azure virtual network.
You need to troubleshoot what prevents you from establishing the IPsec tunnel. Which diagnostic log should you review?

A. IKEDiagnosticLog
B. GatewayDiagnosticLog
C. TunnelDiagnosticLog
D. RouteDiagnosticLog

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/vpn-gateway/troubleshoot-vpn-with-azure-diagnostics IKEDiagnosticLog = The IKEDiagnosticLog table offers verbose debug logging for IKE/IPsec. This is very
useful to review when troubleshooting disconnections, or failure to connect VPN scenarios.
GatewayDiagnosticLog = Configuration changes are audited in the GatewayDiagnosticLog table. TunnelDiagnosticLog = The TunnelDiagnosticLog table is very useful to inspect the historical connectivity
statuses of the tunnel.
RouteDiagnosticLog = The RouteDiagnosticLog table traces the activity for statically modified routes or routes received via BGP.
P2SDiagnosticLog = The last available table for VPN diagnostics is P2SDiagnosticLog. This table traces the activity for Point to Site.
https://docs.microsoft.com/en-us/azure/vpn-gateway/troubleshoot-vpn-with-azure-diagnostics

NEW QUESTION 27
- (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.	○	○
VM1 and VM2 can connect on port 9090.	○	○
VM1 can connect to VM3 on port 9090.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
VM3 can connect to port 8080 on VM1.	●	○
VM1 and VM2 can connect on port 9090.	●	○
VM1 can connect to VM3 on port 9090.	○	●

NEW QUESTION 29
- (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-ne7y-987v-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": "1247"
  },
  "hostname": "app1.contoso.com",
  "transactionId": "f7546159ylhjk7waI14568if5131t68h7",
  "policyId": "default",
  "policyScope": "Global",
  "poplicyScopeName": "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 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:

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)

NEW QUESTION 39
- (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 of 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	○	○
Deleting VM1 will delete the VM1 record automatically	○	○
Changing the IP address of VM3 will update the DNS record of VM3 automatically	○	○

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 40
- (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	○	○
From 131.107.10.15, you can access www.fabrikam.com	○	○
From 131.107.10.15, you can access www.adatum.com	○	○

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 45
- (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.

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.

VM1
Virtual machine

◄► Connect   ▶ Start   ↻ Restart   ■ Stop   Capture   🗑 Delete   ↻ Refresh

^ **Essentials**

Resource group (change)	Operating system
RG1	Windows
Status	Size
Running	Standard B1s (1 vcpus, 1 GiB memory)
Location	Public IP address
North Europe (Zone 2)	
Subscription (change)	Virtual network/subnet
Subscription1	Vnet1/Subnet1
Subscription ID	DNS name
489f2hht-se7y-987v-g571-463hw3679512	
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 of the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
VM1 can communicate outbound by using NATgateway1	○	○
The virtual machines in Subnet2 communicate outbound by using NATgateway1	○	○
All the virtual machines that use NATgateway1 to connect to the internet use the same public IP address	○	○

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 49
- (Exam 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 Sql.EastUS
B. a deny rule that has a source of VirtualNetwork and a destination of Sql
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: AD

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

NEW QUESTION 54
- (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 56
- (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 60
- (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 65

- (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 68
- (Exam 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 72
- (Exam Topic 3)
You have an Azure Web Application Firewall (WAF) policy in prevention mode that is associated to an Azure Front Door instance.
You need to configure the policy to meet the following requirements:

≫ Log all connections from Australia.

≫ Deny all connections from New Zealand.

≫ Deny all further connections from a network of 131.107.100.0/24 if there are more than 100 connections during one minute.
What is the minimum number of objects you should create?

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

Answer: A

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

NEW QUESTION 74
- (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 79
- (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.

You have a private DNS zone named fabrikam.com. The zone is configured as shown in the Private DNS Zone exhibit.
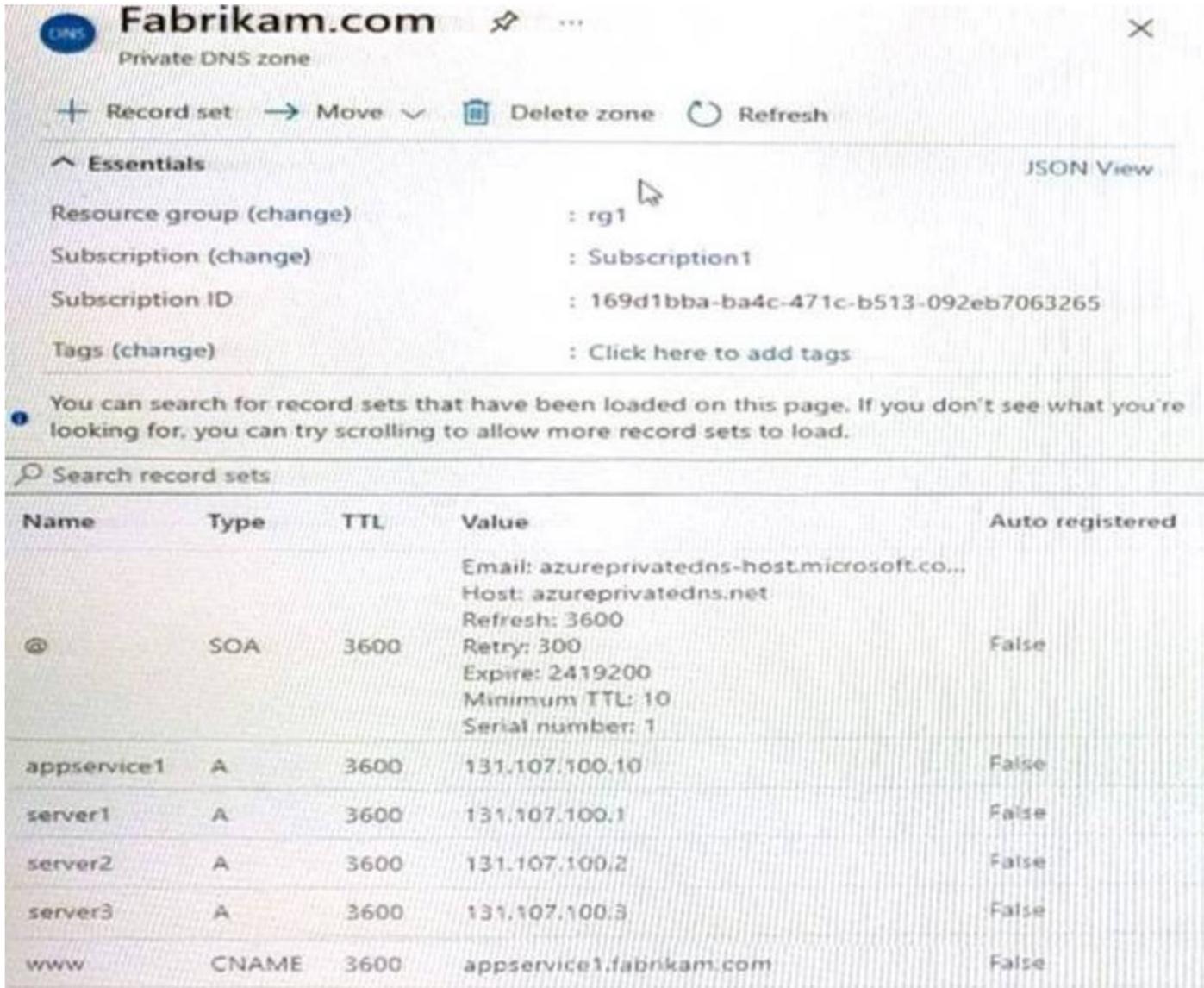
You have a virtual network link configured as shown in the Virtual Network Link exhibit.
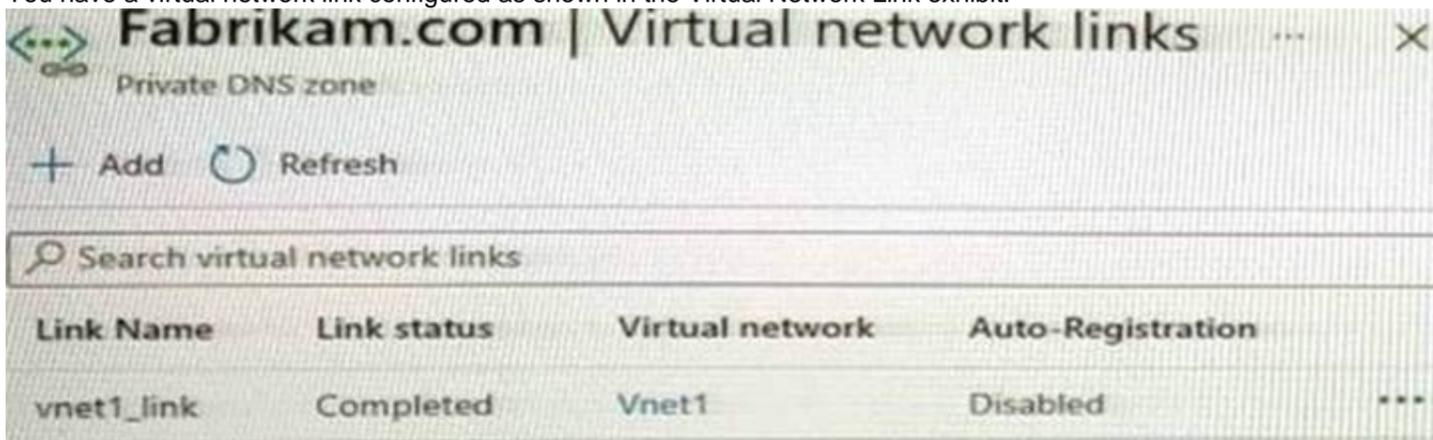
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Queries for www.fabrikam.com from the internet are resolved to 131.107.1.1.	O	O
Queries for server1.fabrikam.com can be resolved from the internet.	O	O
Queries for www.fabrikam.com from Vnet2 are resolved to 131.107.100.10.	O	O

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 83
- (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. internal load balancers

B. storage account
C. serviice endpoints
D. service endpoint policies

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview

NEW QUESTION 88
- (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 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 92
- (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 96
- (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-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": "1247"
    },
    "hostname": "app1.contoso.com",
    "transactionId": "f7546159y1hjk7wal14568if5131t68h7",
    "policyId": "default",
    "policyScope": "Global",
    "poplicyScopeName": "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 100
- (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 103
- (Exam Topic 3)
You have the network topology shown in the Topology exhibit. (Click the Topology tab.)

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

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

All services > Route tables

RouteTable1

Route table

→ Move ∨   🗑 Delete   ↻ Refresh   🗗 Give feedback

∧ Essentials   JSON View

Resource group (change)   Associations
RG1   1 subnet associations

Location
North Europe

Subscription (change)
Virtual Studio Premium with MSDN

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

Tags (change)
Click here to add tags

Routes

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

Subnets

Name	Address range	Virtual network	Security group	
Subnet1	10.100.1.0/24	Vnet1		...

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

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	○	○
The resources in Subnet1 can connect to the resources in Vnet2.	○	○
The resources in Subnet2 can connect to the internet through Firewall1.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	○	○
The resources in Subnet1 can connect to the resources in Vnet2.	○	○
The resources in Subnet2 can connect to the internet through Firewall1.	○	○

NEW QUESTION 108
- (Exam Topic 3)
You have a hybrid environment that uses ExpressRoute to connect an on-premises network and Azure.
You need to log the uptime and the latency of the connection periodically by using an Azure virtual machine and an on-premises virtual machine.
What should you use?

A. Azure Monitor
B. IP flow verify
C. Connection Monitor

D. Azure Internet Analyzer

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/network-watcher/connection-monitor

NEW QUESTION 112
- (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 113
- (Exam Topic 3)
You have an Azure virtual network and an on-premises datacenter.
You need to implement a Site-to-Site VPN connection between the datacenter and the virtual network. Which two resources should you create? Each correct answer presents part of the solution. NOTE: Each
correct selection is worth one point.

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

Answer: AC

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

NEW QUESTION 118
- (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 120
- (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 123
- (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-5bdd6efea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1"
  ",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of \\\"pm AppleWebKit Android\\\" against \\\"REQUEST_HEADERS:User-Agent\\\" required. ",
      "data": "",
      "file": "rules\\/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "app1.contoso.com",
    "transactionId": "d654811d0hgq1ea198165hq7428d74h6",
    "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 126
- (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 128
- (Exam Topic 3)
You have two Azure virtual networks named Hub1 and Spoke1. Hub1 connects to an on-premises network by using a Site-to-Site VPN connection.
You are implementing peering between Hub1 and Spoke1.
You need to ensure that a virtual machine connected to Spoke1 can connect to the on-premises network through Hub1.
How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Values

    -AllowForwardedTraffic

    -AllowGatewayTransit

    -UseRemoteGateways

Answer Area

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

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

Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub

    -RemoteVirtualNetworkId $spoke.id        [ Value ]

Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke

    -RemoteVirtualNetworkId $hub.id          [ Value ]
```

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/hub-spoke?tabs=

NEW QUESTION 132
- (Exam Topic 3)
You have the Azure environment shown in the exhibit.
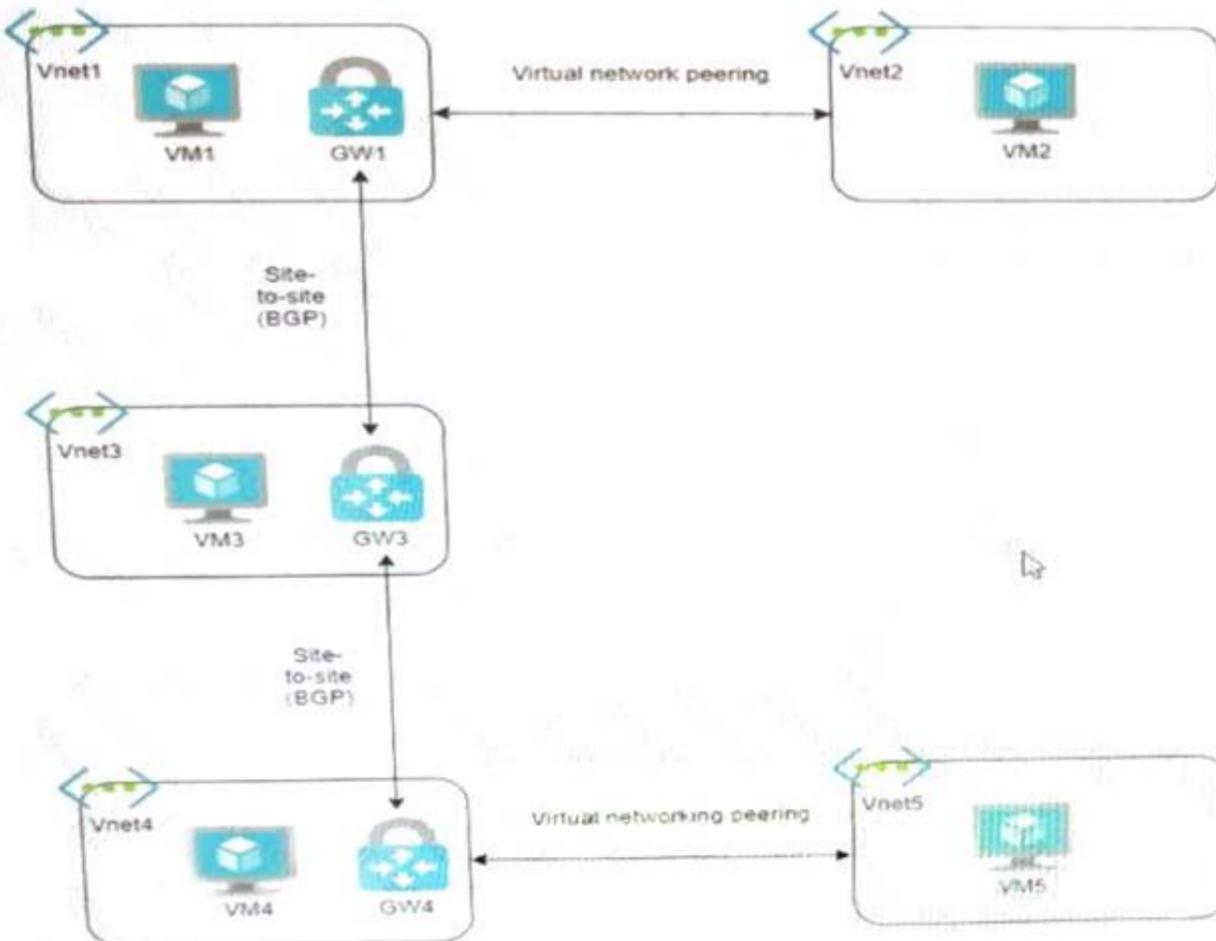
You have virtual network peering between Vnet1 and Vnet2. You have virtual network peering between Vnet4 and Vnet5. The virtual network peering is configured as shown in the following table.

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.	○	○
VM2 and VM4 can communicate.	○	○
VM1 and VM5 can communicate.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements	Yes	No
VM1 and VM4 can communicate.	○	○
VM2 and VM4 can communicate.	○	○
VM1 and VM5 can communicate.	○	○

NEW QUESTION 137
- (Exam 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: A

NEW QUESTION 141
- (Exam Topic 3)
You have the hybrid network shown in the Network Diagram exhibit.
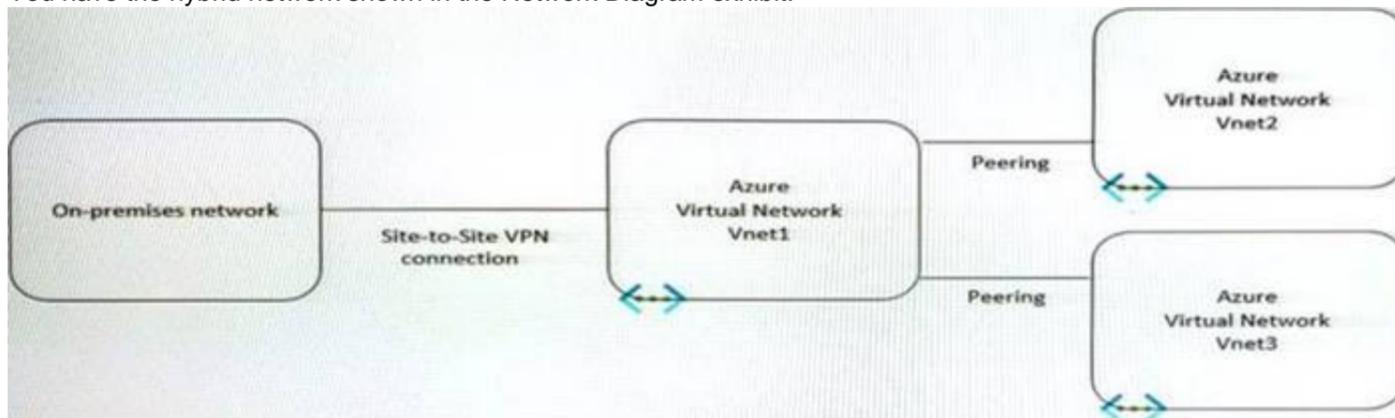
You have a peering connection between Vnet1 and Vnet2 as shown in the Peering-Vnet1-Vnet2 exhibit.

Add peering
Vnet1

This virtual network
Peering link name *

Peering-Vnet1-Vnet2

Traffic to remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ
- ○ Use this virtual network's gateway or Route Server
- ○ Use the remote virtual network's gateway or Route Server
- ◉ None (default)

Remote virtual network
Peering link name *

Peering-Vnet1-Vnet2

Virtual network deployment model ⓘ
- ◉ Resource manager
- ○ Classic

- ☐ I know my resource ID ⓘ

Subscription * ⓘ

Subscription1

Virtual network *

Vnet2

Traffic to remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block all traffic to the remote virtual network

Add

You have a peering connection between Vnet1 and Vnet3 as shown in the Peering -Vnet1-Vnet3 exhibit.

Add peering
Vnet3

This virtual network
Peering link name *

Peering-Vnet1-Vnet3

Traffic to remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ
- ○ Use this virtual network's gateway or Route Server
- ○ Use the remote virtual network's gateway or Route Server
- ◉ None (default)

Remote virtual network
Peering link name *

Peering-Vnet1-Vnet3

Virtual network deployment model ⓘ
- ◉ Resource manager
- ○ Classic

- ☐ I know my resource ID ⓘ

Subscription * ⓘ

Subscription1

Virtual network *

Vnet1

Traffic to remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ
- ◉ Allow (default)
- ○ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ
- ○ Use this virtual network's gateway or Route Server
- ○ Use the remote virtual network's gateway or Route Server
- ◉ None (default)

Add

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

Answer Area

Statements	Yes	No
The resources in Vnet2 can communicate with the resources in Vnet1.	○	○
The resources in Vnet2 can communicate with the resources in Vnet3.	○	○
The resources in Vnet2 can communicate with the resources in the on-premises network.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The resources in Vnet2 can communicate with the resources in Vnet1.	○	☑
The resources in Vnet2 can communicate with the resources in Vnet3.	○	☑
The resources in Vnet2 can communicate with the resources in the on-premises network.	○	☑

NEW QUESTION 144
- (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 145
- (Exam Topic 3)
You have an Azure Front Door instance that provides access to a web app. The web app uses a hostname of www.contoso.com.
You have the routing rules shown in the following table.

Name	Path
RuleA	/abc/def
RuleB	/ab
RuleC	/*
RuleD	/abc/*

Which rule will apply to each incoming request? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point

Answer Area

www.contoso.com/abc/def	▼ RuleA / RuleB / RuleC / RuleD
www.contoso.com/default.htm	▼ RuleA / RuleB / RuleC / RuleD
www.contoso.com/abc/def/default.htm	▼ RuleA / RuleB / RuleC / RuleD

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-route-matching

NEW QUESTION 146
- (Exam Topic 3)
You have an Azure Front Door instance that has a single frontend named Frontend1 and an Azure Web Application Firewall (WAF) policy named Policy1. Policy1 redirects requests that have a header containing "string1" to https://www.contoso.com/redirect1. Policy1 is associated to Frontend1.
You need to configure additional redirection settings. Requests to Frontend1 that have a header containing "string2" must be redirected to https://www.contoso.com/redirect2.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

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

Answer: ABE

NEW QUESTION 147
- (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": "app1.contoso.com",
    "transactionId": "f7546159yIhjk7wa114568if5131t68h7",
    "policyId": "default",
    "policyScope": "Global",
    "poplicyScopeName": "Global",
  }
}
```

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

A. Yes
B. No

Answer: A

NEW QUESTION 151
- (Exam Topic 3)
You have an Azure virtual network named Vnet1 that has one subnet. Vnet1 is in the West Europe Azure region.
You deploy an Azure App Service app named App1 to the West Europe region.
You need to provide App1 with access to the resources in Vnet1. The solution must minimize costs. What should you do first?

A. Create a private link.
B. Create a new subnet.
C. Create a NAT gateway.
D. Create a gateway subnet and deploy a virtual network gateway.

Answer: B

Explanation:
Virtual network integration depends on a dedicated subnet.
https://docs.microsoft.com/en-us/azure/app-service/overview-vnet-integration#regional-virtual-network-integrat For outgoing traffic from Web App to vnet, it will go through Internet, so the cost not the minimum.
The connection between the Private Endpoint and the Web App uses a secure Private Link. Private Endpoint is only used for incoming flows to your Web App.
Outgoing flows will not use this Private Endpoint, but you can inject outgoing flows to your network in a different subnet through the VNet integration feature.
https://docs.microsoft.com/en-us/azure/app-service/networking/private-endpoint#conceptual-overview

NEW QUESTION 153
- (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	○	○
The virtual machines in Subnet2 communicate outbound by using NATgateway1	○	○
All the virtual machines that use NATgateway1 to connect to the internet use the same public IP address	○	○

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 158
- (Exam Topic 3)
You have an Azure environment shown in the following exhibit.
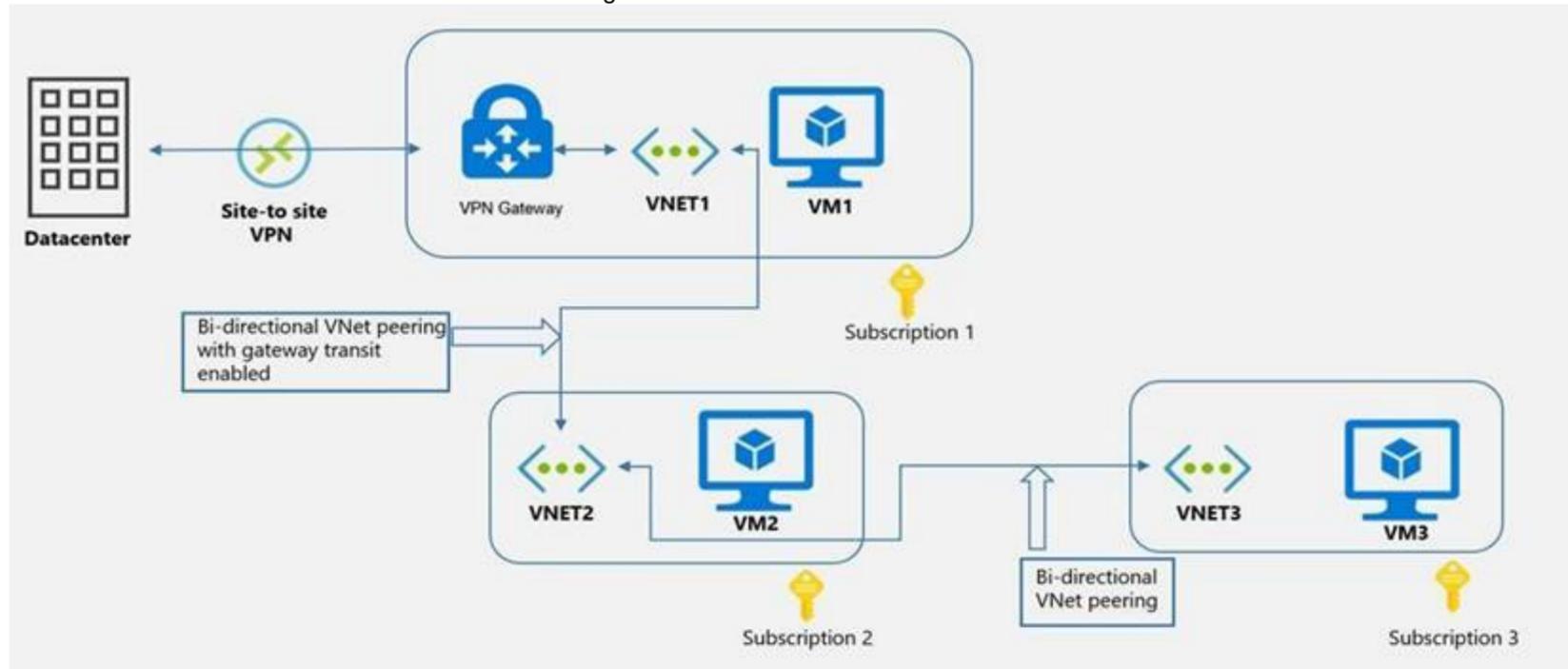
Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

VM1 can communicate with (answer choice):

VM2 only
VM2 and VM3 only
the on-premises datacenter and VM2 only
the on-premises datacenter, VM2, and VM3 only

VM2 can communicate with (answer choice):

VM1 only
VM1 and VM3 only
the on-premises datacenter and VM3 only
the on-premises datacenter, VM1, and VM3 only

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-peering-gateway-transit?toc=/azure/virtual-ne https://docs.microsoft.com/en-ca/azure/virtual-network/ip-services/ipv6-overview#capabilities

NEW QUESTION 163
- (Exam 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

Answer Area

Traffic from West Europe: ▼

App1
App2
App4
App5

Traffic from West US: ▼

App1
App2
App3
App6

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-nested-profiles
Traffic from West Europe:
Basedd on TM1 table, West Europe will trigger TM2. However, as the MinChildEndpoint is set to 2, and
App4 is degraded (down), the entire TM2 will not be considered available.
This goes back to the origin TM1 that uses performance traffic-routing method, which means the closest location is App1 and naturally be the next best
performance instance.
Hence, Answer = App1
Traffic from West US:
Based on TM1 table, West US will trigger TM3. However, both App2 and App6 were degraded (down), so none of them can be considered.
This goes back to the original TM1 that uses performance traffic-routing method, from TM1, the other 2 US locations would be App2 and App3. But App2 we know
it's already degraded (unavailable), hence the only option would be App3.
Answer = App3

NEW QUESTION 168
......

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