

Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions



NEW QUESTION 1

Your company has an office in New York.

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

Name Location Vnet1 East LS Vnet2

North Europe Vnet3

West US Vnet4

West Europe

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

The solution must meet the following requirements:

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

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

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

Answer: B

NEW QUESTION 2

- (Topic 4)

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

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

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

What should you add to NSG1?

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

Answer: C

NEW QUESTION 3

SIMULATION - (Topic 4)

Task 11

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

The on-premises network has the following configurations:

- Internal address range: 10.10.0.0/16.
- Firewall 1 internal IP address: 10.10.1.1.
- Firewall1 public IP address: 131.107.50.60. BGP is NOT used.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

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

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

NEW QUESTION 4

SIMULATION - (Topic 4)

Task 6

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

- ? On the Create a NAT gateway page, enter or select the following information and accept the defaults for the remaining settings:
- ? Select Review + create and then select Create to create your NAT gateway3.
- ? To associate the NAT gateway with subnet3-2, you need to go to the Virtual networks service in the Azure portal and select your virtual network.
- ? On the Virtual network page, select Subnets under Settings, and then select subnet3-2 from the list.
- ? On the Edit subnet page, under NAT gateway, select your NAT gateway from the drop-down list. Then select Save.

NEW QUESTION 5

SIMULATION - (Topic 4)

Task 4

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

- ? To allow access from a specific IP address range, you need to configure the Azure Storage firewall and virtual network settings for your storage account. You can do this in the Azure portal by selecting your storage account and then selecting Networking under Settings1.
- ? On the Networking page, select Firewalls and virtual networks, and then select Selected networks under Allow access from1. This will block all access to your storage account except from the networks or resources that you specify.
- ? Under Firewall, select Add rule, and then enter 10.1.1.0/24 as the IP address or range. You can also enter an optional rule name and description1. This will allow access from any IP address in the 10.1.1.0/24 range.
- ? Select Save to apply your changes1.
- ? To map a custom domain name to your storage account, you need to create a CNAME record with your domain provider that points to your storage account endpoint2. A CNAME record is a type of DNS record that maps a source domain name to a destination domain name.
- ? Sign in to your domain registrar's website, and then go to the page for managing DNS settings2.
- ? Create a CNAME record with the following information2:
- ? Save your changes and wait for the DNS propagation to take effect2.
- ? To register the custom domain name with Azure, you need to go back to the Azure portal and select your storage account. Then select Custom domain under Blob service2.
- ? On the Custom domain page, enter stor- age34280945.pnvatelinlcblob.core.windows.net as the custom domain name and select Save2.

NEW QUESTION 6

- (Topic 3)

You have an Azure Front Door instance that has a single frontend named Frontend1 and an Azure Web Application Firewall (WAF) policy named Policy1. Policy1 redirects requests that have a header containing "string1" to https://www.contoso.com/redirect1. Policy1 is associated to Frontend1.

You need to configure additional redirection settings. Requests to Frontend1 that have a header containing "string2" must be redirected to https://www.contoso.com/redirect2.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

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

Answer: CEF

NEW QUESTION 7

HOTSPOT - (Topic 3)

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

You need to query the health probe of VNetGwy1,

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

NOTE: Each correct selection is worth one point.

Answer Area

https://20.25.32.214:80/healthprobe

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

https

http

https

snmp

://20.25.32.214:

80

80

443

8081

/healthprobe

NEW QUESTION 8

HOTSPOT - (Topic 3)

You have an on-premises network.

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

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

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

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

NOTE: Each correct selection is worth one point.

Answer Area

Connection to Vnet1:

Private peering

Microsoft peering

Private peering

Public peering

Virtual network peering

Connection to SQL1:

Microsoft peering

Microsoft peering

Private peering

Public peering

Virtual network peering

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Connection to Vnet1:

Private peering

Microsoft peering

Private peering

Public peering

Virtual network peering

Connection to SQL1:

Microsoft peering

Microsoft peering

Private peering

Public peering

Virtual network peering

NEW QUESTION 9

- (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 10

- (Topic 3)
 You have two Azure virtual networks named Vnet1 and Vnet2.
 You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to- Site (P2S) IKEv2 VPN. You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit Vnet2 can use the. You discover that Client1 cannot communicate with Vnet2.
 You need to ensure that Client1 can communication with Vnet2. Solution: You resize the gateway of Vnet1 to a larger SKU. Does this meet the goal?

A. Yes
 B. No

Answer: B

NEW QUESTION 10

HOTSPOT - (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.

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:

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

NEW QUESTION 15

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

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

You have the Azure resources shown in the following table.

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

You need to check latency between the resources by using connection monitors in Azure Network Watcher. What is the minimum number of connection monitors that you must create?

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

Answer: C

NEW QUESTION 17

- (Topic 3)

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

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

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

What should you include in the solution?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 19

- (Topic 3)

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

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

You have 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 23

- (Topic 3)

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

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

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

Answer: B

Explanation:

Reference:

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

NEW QUESTION 28

- (Topic 3)
 Your company has five offices. Each office has a firewall device and a local internet connection. The offices connect to a third-party SD-WAN. You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 contains a virtual network gateway named Gateway1. Each office connects to Gateway1 by using a Site-to-Site VPN connection.
 You need to replace the third-party SD-WAN with an Azure Virtual WAN. What should you include in the solution?

- A. Delete Gateway1.
- B. Create new Point-to-Site (P2S) VPN connections on the firewall devices.
- C. Create an Azure Traffic Manager profile.
- D. Enable active-active mode on Gateway1.

Answer: B

NEW QUESTION 29

- (Topic 3)
 You have an Azure subscription that contains multiple virtual machines in the West US Azure region. You need to use Traffic Analytics.
 Which two resources should you create? Each correct answer presents part of the solution. (Choose two.)
 NOTE: Each correct answer selection is worth one point.

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

Answer: BC

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics> A storage account is used to store network security group flow logs. A Log Analytics workspace is used by Traffic Analytics to store the aggregated and indexed data that is then used to generate the analytics.
<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics#enable-flow-log-settings>

NEW QUESTION 34

DRAG DROP - (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

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

➤

➤

Answer Area

- 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.

NEW QUESTION 38

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

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

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

- A. two A records that map wmv.contoso.com to 131 107 100 1 and 131 107 200 1

- B. a CNAME record that maps www.contoso.com to TMprofile1.azurefd.net
- C. a CNAME record that mapswww.contoso.comtoTMprofile1.trafficmanager.net
- D. a TXT record that contains a string ofas1.contoso.com and as2.contoso.com in the details

Answer: C

Explanation:

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

NEW QUESTION 41

HOTSPOT - (Topic 3)

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

:

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

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)

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

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

-

Availability zone

2

Tags (change)

Click here to add tags

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

None

SERVICE ENDPOINTS

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

Services

0 selected

SUBNET DELEGATION

Delegate subnet to a service

None

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

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"/>

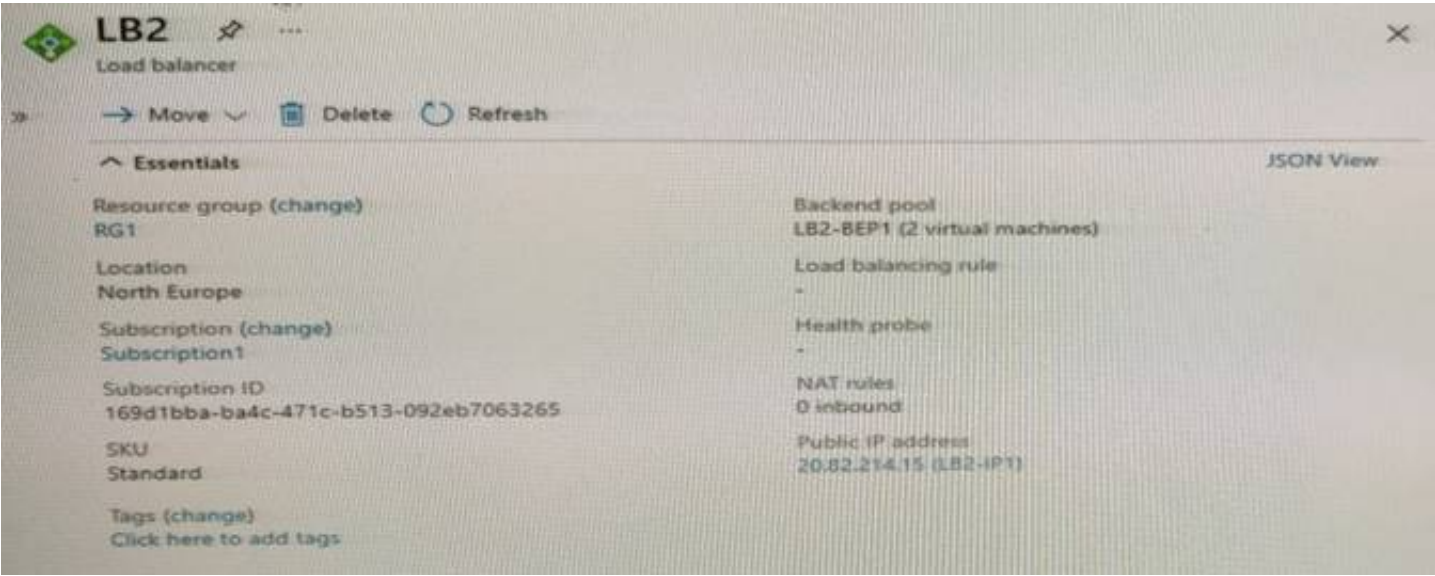
- A. Mastered
- B. Not Mastered

Answer: A

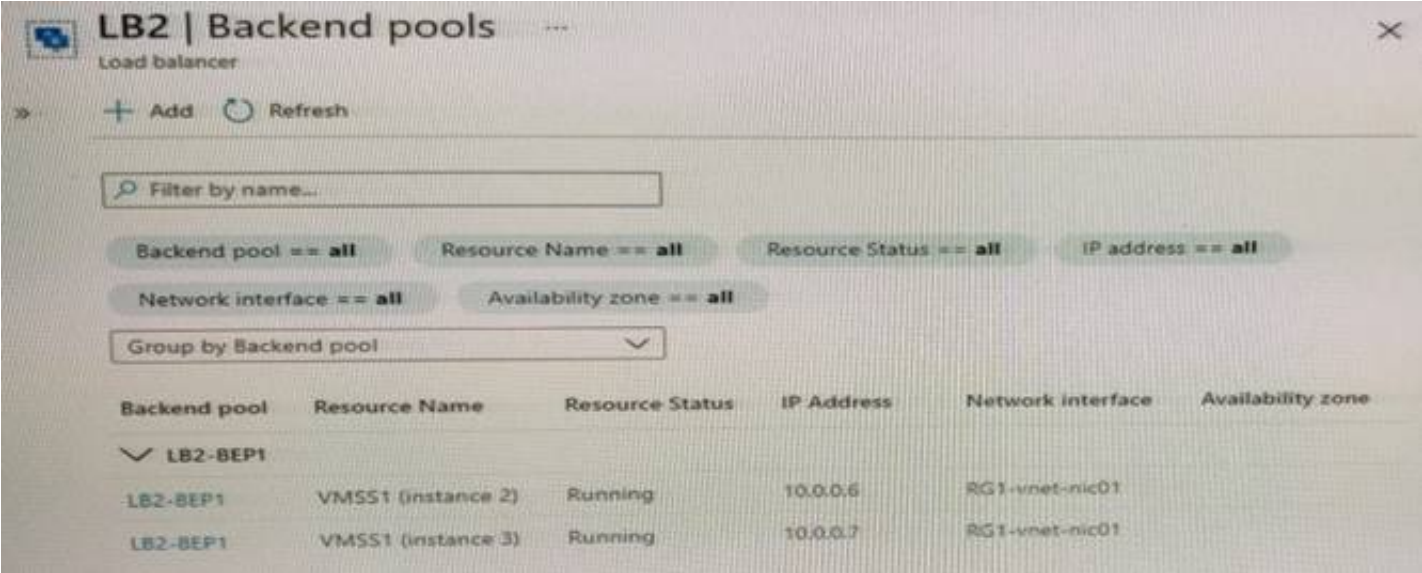
Explanation:
Yes, Yes, No

NEW QUESTION 42

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



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



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

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

Answer: BD

Explanation:

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

NEW QUESTION 47

- (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

Explanation:

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

NEW QUESTION 52

- (Topic 3)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution. After you answer a question in this section, you will NOT be able to return to it as a result, these questions will not appear in the review screen. You have an Azure subscription that contains an Azure Front Door Premium profile named AFD1 and an Azure Web Application Firewall (WAF) policy named WAF1. AFD1 is associated with WAF1. You need to configure a rate limit for incoming requests to AFD1. Solution: You modify the policy settings of WAF1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 57

HOTSPOT - (Topic 3)

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

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

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

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

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

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

The virtual network links in the fabrikam.com DNS /one are configured as shown in the exhibit. (Click the Exhibit tab.)

VMS fails to resolve the IP address for.appKfabrik3in.com.

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 60

- (Topic 3)

You need to use Traffic Analytics to monitor the usage of applications deployed to Azure virtual machines.

Which Azure Network Watcher feature should you implement first?

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

Answer: C

NEW QUESTION 63

DRAG DROP - (Topic 3)

You have an Azure subscription that contains an Azure Firewall Premium policy named FWP1.

To FWP1, you plan to add the rule collections shown in the following table.

Which priority should you assign to each rule collection? To answer, drag the appropriate priority values to the correct rule collections- 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.

Priorities

100

200

300

Answer Area

RC1:

RC2:

RC3:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Priorities

100

200

300

Answer Area

RC1:

300

RC2:

200

RC3:

100

NEW QUESTION 68

HOTSPOT - (Topic 3)

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

Name	Location
RG1	East US
RG2	UK West

You have the virtual networks shown in the following table.

Vne1l contains two virtual machines named VM1 and VM2. Vnet2 contains two virtual machines named VM3 and VM4. You have the network security groups (NSGs) shown in the following table that include only default rules.

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

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

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

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 69

- (Topic 3)

Your company has a single on-premises datacenter in New York. The East US Azure region has a peering location in New York. The company only has Azure resources in the East US region. You need to implement ExpressRoute to support up to 1 Gbps. You must use only ExpressRoute Unlimited data plans. The solution must minimize costs. Which type of ExpressRoute circuits should you create?

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

Answer: A

Explanation:

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

NEW QUESTION 73

HOTSPOT - (Topic 3)

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

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

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

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

You have the endpoints shown in the following table.

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

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

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 74

- (Topic 3)
You have an Azure application gateway configured for a single website that is available at <https://www.contoso.com>. The application gateway contains one backend pool and one rule. The backend pool contains two backend servers. Each backend server has an additional website that is available on port 8080. You need to ensure that if port 8080 is unavailable on a backend server, all the traffic for <https://www.contoso.com> is redirected to the other backend server. What should you do?

- A. Create a health probe.
- B. Add a new rule.
- C. Add a new listener.
- D. Change the port on the listener.

Answer: A

NEW QUESTION 79

- (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 82

HOTSPOT - (Topic 3)

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

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

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

Answer Area

Azure AD configuration:

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

P2S VPN tunnel type:

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 85

- (Topic 3)

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

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

NOTE: Each correct selection is worth one point.

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

Answer: AD

Explanation:

Reference:

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

NEW QUESTION 87

- (Topic 3)

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 91

- (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 92

DRAG DROP - (Topic 3)

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

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

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

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

Actions

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

Answer Area

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Actions

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

Answer Area

In a Hub1, create a VPN site

In a Hub1, create a connection to the VPN site

Download the VPN configuration file from VWAN1

Configure the VPN device

NEW QUESTION 94

- (Topic 3)

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

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

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

* Name: LB1

* Location: West US

* Type: Public

* SKU: Standard

Which public IPv4 addresses can be used by LB1?

A. IP1 and IP3 only

B. IP3 only

C. IP3 and IP5 only

D. IP2only

E. IP1, IP2, IP3, IP4, and IP5

F. IP1, IP3, IP4, and 1P5 only

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-public-ip-address>
This is because "Load balancer and the public IP address SKU must match when you use them with public IP addresses" <https://docs.microsoft.com/en-us/azure/load-balancer/skus>
Standard SKU Load Balancer routes traffic within and across regions, and to Availability Zones for high resiliency.

NEW QUESTION 98

- (Topic 3)
Azure virtual networks in the East US Azure region as shown in the following table.

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

The virtual networks are peered to one another. Each virtual network contains four subnets. You plan to deploy a virtual machine named VM1 that will inspect and route traffic between all the subnets on both the virtual networks.
What is the minimum number of IP addresses that you must assign to VM1?

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

Answer: B

NEW QUESTION 100

HOTSPOT - (Topic 3)
You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 has a /24 IPv4 address space.
You need to subdivide Vnet1. The solution must maximize the number of usable subnets.
What is the maximum number of IPv4 subnets you can create, and how many usable IP addresses will be available per subnet? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Usable IP addresses:

7

1

3

7

IPv4 subnets:

128

16

32

64

128

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Usable IP addresses:

7

1

3

7

IPv4 subnets:

128

16

32

64

128

NEW QUESTION 102

- (Topic 3)
You have an Azure subscription that contains the following resources:
? A virtual network named Vnet1
? Two subnets named subnet1 and AzureFirewallSubnet
? A public Azure Firewall named FW1
? A route table named RT1 that is associated to Subnet1
? A rule routing of 0.0.0.0/0 to FW1 in RT1
After deploying 10 servers that run Windows Server to Subnet1, you discover that none of the virtual machines were activated.
You need to ensure that the virtual machines can be activated.
What should you do?

- A. Deploy an application security group that allows outbound traffic to 1688.
- B. Deploy an Azure Standard Load Balancer that has an outbound NAT rule
- C. On fw1 configure a DNAT rule for port 1688.
- D. Add an internet route to R11 for the Azure Key Management Service (KMS).

Answer: D

Explanation:

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

NEW QUESTION 105

- (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 108

- (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 112

HOTSPOT - (Topic 3)
You plan to deploy Azure Virtual WAN.
You need to deploy a virtual WAN hub that meets the following requirements:
? Supports 10 sites that will connect to the virtual WAN hub by using a Site-to-Site VPN connection
? Supports 8 Gbps of ExpressRoute traffic
? Minimizes costs
What should you configure? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Virtual WAN type:

▼

Basic

Standard

Number of scale units:

▼

2

4

6

8

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Virtual WAN type:

▼

Basic

Standard

Number of scale units:

▼

2

4

6

8

NEW QUESTION 116

HOTSPOT - (Topic 3)

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

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

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

Name	Location	Weight
App4	West Europe	99
App5	West Europe	1

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

Name	Location
App6	West US
App2	East US

The App2, App4, and App6 endpoints have a degraded monitoring status. To which endpoint is traffic directed? To answer, select the appropriate options in the answer area.
 NOTE: Each correct selection is worth one point

Traffic from West Europe:

▼

App1

App2

App4

App5

Traffic from West US:

▼

App1

App2

App3

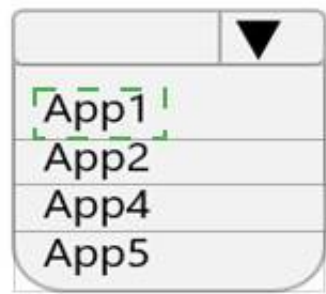
App6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Traffic from West Europe:



Traffic from West US:



NEW QUESTION 121

- (Topic 3)

You have an Azure subscription that contains a virtual network name Vnet1. Vnet1 contains a virtual machine named VM1 and an Azure firewall named FW1. You have an Azure Firewall Policy named FP1 that is associated to FW1.

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

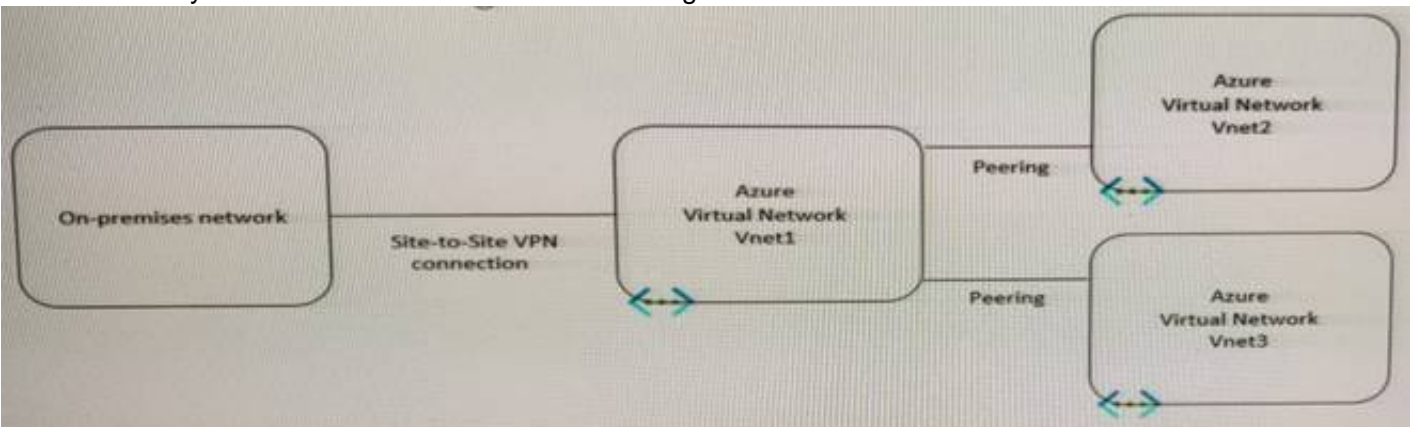
- A. an application rule
- B. a network rule
- C. URL filtering
- D. a DNAT rule

Answer: D

NEW QUESTION 124

HOTSPOT - (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.	<input type="radio"/>	<input type="radio"/>
The resources in Vnet2 can communicate with the resources in Vnet3.	<input type="radio"/>	<input type="radio"/>
The resources in Vnet2 can communicate with the resources in the on-premises network.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
The resources in Vnet2 can communicate with the resources in Vnet1.	<input type="radio"/>	<input checked="" type="radio"/>
The resources in Vnet2 can communicate with the resources in Vnet3.	<input type="radio"/>	<input checked="" type="radio"/>
The resources in Vnet2 can communicate with the resources in the on-premises network.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 125

- (Topic 3)

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

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

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

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

Answer: A

NEW QUESTION 129

HOTSPOT - (Topic 3)

You are planning an Azure Front Door deployment that will contain the resources shown in the following table.

Name	Type
ASP93	App Service plan
Webapp93.azurewebsites.net	App Service
FD93.azurefd.net	Front Door

Users will connect to the App Service through Front Door by using a URL of <https://www.fabrikam.com>. You obtain a certificate for the host name of www.fabrikam.com.

You need to configure a DNS record for www.fabrikam.com and upload the certificate to Azure. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Upload the certificate to:

A secret in Azure Key Vault

A certificate in Active Directory Certificate Services (AD CS)

A custom rule in Azure Web Application Firewall (WAF)

An enterprise application in Azure AD

A secret in Azure Key Vault

Set the DNS record target to:

FD93.azurefd.net

ASP93

fabrikam.com

FD93.azurefd.net

Webapp93.azurewebsites.net

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Upload the certificate to:

A secret in Azure Key Vault

A certificate in Active Directory Certificate Services (AD CS)

A custom rule in Azure Web Application Firewall (WAF)

An enterprise application in Azure AD

A secret in Azure Key Vault

Set the DNS record target to:

FD93.azurefd.net

ASP93

Fabrikam.com

FD93.azurefd.net

Webapp93.azurewebsites.net

NEW QUESTION 134

- (Topic 3)
 You have an Azure virtual machine named VM1.
 You need to capture all the network traffic of VM1 by using Azure Network Watcher. To which locations can the capture be written?

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

Answer: D

NEW QUESTION 136

HOTSPOT - (Topic 3)
 You have two Azure subscriptions named Subscription1 and Subscription2. There are no connections between the virtual networks in two subscriptions.
 You configure a private link service as shown in the privatelinkservice1 exhibit. (Click the privatelinkservice1 tab.)

Home >

privatelinkservice1

Private link service

Delete

Refresh

Essentials

Resource group (move)

Alias

Status

Location

Subscription (move)

Subscription ID

Tags (edit)

rg1

privatelinkservice1.955063e0-3b92-468a-a054-22c729f62297.eastus2.azure.privatelinkservice

Succeeded

East US 2

subscription1

c40e35e3-7605-4f12-ba4c-90d200425073

Click here to add tags

NAT subnet

NAT IPs

Load balancer

Visibility

vnet2/subnet1

10.3.0.7

lb1

All

JSON View

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

Home >

lb1

Load balancer

Search (Ctrl+J)

Move

Delete

Refresh

Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Frontend IP configuration

Backend pools

Essentials

Resource group (move)

Location

Subscription (move)

Subscription ID

SKU

Tags (edit)

rg1

East US 2

subscription1

c40e35e3-7605-4f12-ba4c-90d200425073

Standard

Click here to add tags

Backend pool

Load balancing rule

Health probe

NAT rules

Tier

Private IP address

backendpool1 (1 virtual machine)

rule1 (Tcp/80)

probe1 (Http/80)

0 inbound

Regional

10.3.0.6

See less

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

Delete

Generate hostfile

Connection State == Pending

Add filter

No grouping

Subnet ↑↓

Connection State ↑↓

4-22c729f62297.eastus2.azure.privatelinkservice

vnet5/subnet1

Pending

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 137

- (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": "d654611d8b947ea198165b9742dd74bc",
    "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 goat?

- A. Yes
B. No

Answer: B

NEW QUESTION 138

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

Name	Connected to
VM1	Vnet1/Subnet1
VM2	Vnet1/Subnet2

Subnet1 and Subnet2 are associated to a network security group (NSG) named NSG1 that has the following outbound rule:
? Priority: 100
? Port: Any
? Protocol: Any
? Source: Any
? Destination: Storage
? Action: Deny
You create a private endpoint that has the following settings:
? Name: Private1
? Resource type: Microsoft.Storage/storageAccounts
? Resource: storage1
? Target sub-resource: blob
? Virtual network: Vnet1
? Subnet: Subnet1
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

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

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 143

DRAG DROP - (Topic 3)

You have two Azure virtual networks named Hub1 and Spoke1. Hub1 connects to an on-premises network by using a Site-to-Site VPN connection.

You are implementing peering between Hub1 and Spoke1.

You need to ensure that a virtual machine connected to Spoke1 can connect to the on-premises network through Hub1.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

-AllowForwardedTraffic

-AllowGatewayTransit

-UseRemoteGateways

Answer Area

```
$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"
$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"
Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub
    -RemoteVirtualNetworkId $spoke.id
Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
    -RemoteVirtualNetworkId $hub.id
```

Value

Value

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Values

-AllowForwardedTraffic

-AllowGatewayTransit

-UseRemoteGateways

Answer Area

```
$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"
$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"
Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub
    -RemoteVirtualNetworkId $spoke.id
Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
    -RemoteVirtualNetworkId $hub.id
```

-AllowGatewayTransit

-UseRemoteGateways

NEW QUESTION 148

HOTSPOT - (Topic 3)

You have an on-premises datacenter.

You have an Azure subscription that contains 10 virtual machines and a virtual network named VNet1 in the East US Azure region. The virtual machines are connected to VNet1 and replicate across three availability zones.

You need to connect the datacenter to VNet1 by using ExpressRoute. The solution must meet the following requirements:

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

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

Answer Area

Minimum number of ExpressRoute circuits : Three ExpressRoute Standard circuits

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Minimum number of ExpressRoute circuits : Three ExpressRoute Standard circuits

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

NEW QUESTION 150

- (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 153

- (Topic 3)

You have an Azure subscription that contains the Azure app service web apps show in the following table:

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

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

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

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

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

Answer: AC

NEW QUESTION 156

HOTSPOT - (Topic 3)

You have an Azure virtual network named Vnet1 that contains two subnets named Subnet1 and Subnet2. Both subnets contain virtual machines. You create a

NAT gateway named NATgateway1 as shown in the following exhibit.

Home > NAT gateways >

Create network address translation (NAT) gateway ...

Validation passed

BasicsOutbound IPSubnetTagsReview + create

Basics

Subscription

Subscription1

Resource group

RG1

Name

NATgateway1

Region

North Europe

Availability zone

-

Idle timeout (minutes)

4

Outbound IP

Public IP address

None

Public IP prefix

(New) NATgateway1-prefix (28)

Subnets

Virtual network

Vnet1

Subnets

None

Tags

None

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

Answer Area

NATgateway1 can be linked to [answer choice].

only Vnet1

only GatewaySubnet

only Subnet1 or Subnet2

both Subnet1 and Subnet2

only Vnet1

NATgateway1 is assigned [answer choice].

0 IP addresses

0 IP addresses

1 IP address

2 IP addresses

16 IP addresses

28 IP addresses

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NATgateway1 can be linked to [answer choice].

only Vnet1

only GatewaySubnet

only Subnet1 or Subnet2

both Subnet1 and Subnet2

only Vnet1

NATgateway1 is assigned [answer choice].

0 IP addresses

0 IP addresses

1 IP address

2 IP addresses

16 IP addresses

28 IP addresses

NEW QUESTION 157

- (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": "ApplicationGatewayFirewalling",
  "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.confoso.com",
    "transactionId": "d654811d08q7a198165hg7420d7rhe",
    "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 162

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

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

Answer: A

Explanation:

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

NEW QUESTION 163

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

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

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

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

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

Name	Subnet
VM1	Subnet1
VM2	Subnet1
VM3	Subnet2

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

Answer Area		
Statements		
Yes	No	
<input type="radio"/>	<input type="radio"/>	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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NO, NO, YES

- * 1. VM3 can connect to port 8080 on VM1 : false, UserRule_DenyVirtualNetworkInbound
- * 2. VM1 and VM2 can connect on port 9090: false, UserRule_DenyVirtualNetworkInbound
- * 3. VM1 can connect to VM3 on port 9090: true

NEW QUESTION 165

- (Topic 3)

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

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

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

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

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

```
{
  "timeStamp": "2021-04-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g571-463bw3479512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\\\\"pm AppleWebKit Android\\\\\"' against '\\\\\"REQUEST_HEADER:User-Agent\\\\\"' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wall4568if5131t68h7",
  "policyId": "default",
  "policyScope": "Global",
  "popolicyScopeName": "Global",
}
```

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

NEW QUESTION 169

HOTSPOT - (Topic 2)

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

NOTE: Each correct selection is worth one point.

VM1:

▼

VM2 only

VM2 and VM4 only

VM2, VM3, and VM4 only

VM2, VM3, VM4, and VM5

VM4:

▼

VM3 only

VM1 and VM3 only

VM1, VM2, and VM3 only

VM1, VM2, VM3, and VM5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: VM2, VM3 and VM4.
VM1 is in VNet1/Subnet1. VNet1 is peered with VNet2 and VNet3.
There are no NSGs blocking outbound ICMP from VNet1. There are no NSGs blocking inbound ICMP to VNet1/Subnet2, VNet2 or VNet3. Therefore, VM1 can ping VM2 in VNet1/Subnet2, VM3 in VNet2 and VM4 in VNet3.
Box 2:
VM4 is in VNet3. VNet3 is peered with VNet1 and VNet2. There are no NSGs blocking outbound ICMP from VNet3. There are no NSGs blocking inbound ICMP to VNet1/Subnet1, VNet1/Subnet2 or VNet2 from VNet3 (NSG10 blocks inbound ICMP from VNet4 but not from VNet3). Therefore, VM4 can ping VM1 in VNet1/Subnet1, VM2 in VNet1/Subnet2 and VM3 in VNet2.

NEW QUESTION 172

HOTSPOT - (Topic 1)
You need to implement name resolution for the cloud.liwareinc.com. The solution must meet the networking requirements.

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

▼

Create virtual network links

Configure conditional forwarding

Create an SOA record in cloud.litwareinc.com

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

▼

Enable the Azure Firewall DNS proxy

Create SRV records in cloud.litwareinc.com

Deploy an Azure virtual machine configured as a DNS server to Vnet1

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

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

▼

Create virtual network links

Configure conditional forwarding

Create an SOA record in cloud.litwareinc.com

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

▼

Enable the Azure Firewall DNS proxy

Create SRV records in cloud.litwareinc.com

Deploy an Azure virtual machine configured as a DNS server to Vnet1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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

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

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

NEW QUESTION 173

- (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 178

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