



Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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NEW QUESTION 1

You have 10 on-premises networks that are connected by using a 3rd party Software Defined Wide Area Network (SD-WAN) solution. You have an Azure subscription that contains five virtual networks.

You plan to connect the Azure virtual networks and the on-premises networks by using an Azure Virtual WAN with a single virtual WAN hub.

You need to ensure that the Azure Virtual WAN can act as a node in the 3rd party SD-WAN solution.

What should you include in the solution?

- A. An Azure Virtual WAN ExpressRoute gateway
- B. A Network Virtual Appliance (NVA)
- C. A Site to site gateway (VPN gateway)
- D. A Point to site gateway (User VPN gateway)

Answer: B

NEW QUESTION 2

HOTSPOT

You have on-premises datacenters in New York and Seattle.

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

| Name |
|------------------------------|
| Azure region Datacenter ERC1 |
| East US New York ERC2 |
| West US2 Seattle |

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

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 3

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 5KU 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 4

You plan to implement an Azure virtual network that will contain 10 virtual subnets. The subnets will use IPv6 addresses. Each subnet will host up to 200 load-balanced virtual machines.

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

- A. /64
- B. /120
- C. /48
- D. /24

Answer: A

NEW QUESTION 5

SIMULATION - (Topic 4)

Task 7

You need to ensure that hosts on VNET2 can access hosts on both VNET1 and VNET3. The solution must prevent hosts on VNET1 and VNET3 from communicating through VNET2.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for ensuring that hosts on VNET2 can access hosts on both VNET1 and VNET3, but hosts on VNET1 and VNET3 cannot communicate through VNET2:

- ? To connect different virtual networks in Azure, you need to use virtual network peering. Virtual network peering allows you to create low-latency, high-bandwidth connections between virtual networks without using gateways or the internet1.
- ? To create a virtual network peering, you need to go to the Azure portal and select your virtual network. Then select Peerings under Settings and select + Add2.
- ? On the Add peering page, enter or select the following information:
- ? Select Add to create the peering2.
- ? Repeat the previous steps to create peerings between VNET2 and VNET1, and between VNET2 and VNET3. This will allow hosts on VNET2 to access hosts on both VNET1 and VNET3.
- ? To prevent hosts on VNET1 and VNET3 from communicating through VNET2, you need to use network security groups (NSGs) to filter traffic between subnets. NSGs are rules that allow or deny inbound or outbound traffic based on source or destination IP address, port, or protocol3.
- ? To create an NSG, you need to go to the Azure portal and select Create a resource. Search for network security group and select Network security group. Then select Create4.
- ? On the Create a network security group page, enter or select the following information:
- ? Select Review + create and then select Create to create your NSG4.
- ? To add rules to your NSG, you need to go to the Network security groups service in the Azure portal and select your NSG. Then select Inbound security rules or Outbound security rules under Settings and select + Add4.
- ? On the Add inbound security rule page or Add outbound security rule page, enter or select the following information:
- ? Select Add to create your rule4.
- ? Repeat the previous steps to create inbound and outbound rules for your NSG that deny traffic between VNET1 and VNET3 subnets. For example, you can create an inbound rule that denies traffic from 10.0.1.0/24 (VNET1 subnet 1) to 10.0.3.0/24 (VNET3 subnet 1), and an outbound rule that denies traffic from 10.0.3.0/24 (VNET3 subnet 1) to 10.0.1.0/24 (VNET1 subnet 1).
- ? To associate your NSG with a subnet, you need to go to the Virtual networks service in the Azure portal and select your virtual network. Then select Subnets under Settings and select the subnet that you want to associate with your NSG5.
- ? On the Edit subnet page, under Network security group, select your NSG from the drop-down list. Then select Save5.
- ? Repeat the previous steps to associate your NSG with the subnets in VNET1 and VNET3 that you want to isolate from each other.

NEW QUESTION 6

- (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 7

SIMULATION - (Topic 4)

Task 9

You need to ensure that subnet4-3 can accommodate 507 hosts.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for ensuring that subnet4-3 can accommodate 507 hosts:

- ? To determine the subnet size that can accommodate 507 hosts, you need to use the formula: number of hosts = $2^{(32 - n)} - 2$, where n is the number of bits in the subnet mask1. You need to find the value of n that satisfies this equation for 507 hosts.

? To solve this equation, you can use trial and error or a binary search method. For example, you can start with $n = 24$, which is the default subnet mask for Class C networks. Then, plug in the value of n into the formula and see if it is too big or too small for 507 hosts.
? If you try $n = 24$, you get number of hosts = $2^{(32 - 24)} - 2 = 254$, which is too small. You need to increase the value of n to get a larger number of hosts.
? If you try $n = 25$, you get number of hosts = $2^{(32 - 25)} - 2 = 510$, which is just enough to accommodate 507 hosts. You can stop here or try a smaller value of n to see if it still works.
? If you try $n = 26$, you get number of hosts = $2^{(32 - 26)} - 2 = 254$, which is too small again. You need to decrease the value of n to get a larger number of hosts.
? Therefore, the smallest value of n that can accommodate 507 hosts is $n = 25$. This means that the subnet mask for subnet4-3 should be /25 or 255.255.255.128 in dot-decimal notation1.
? To change the subnet mask for subnet4-3, you need to go to the Azure portal and select your virtual network. Then select Subnets under Settings and select subnet4-3 from the list2.
? On the Edit subnet page, under Address range (CIDR block), change the value from /24 to /25. Then select Save2.

NEW QUESTION 8

SIMULATION - (Topic 4)

Task 2

You need to create an Azure Firewall instance named FW1 that meets the following requirements:

- Has an IP address from the address range of 10.1.255.0/24
- Uses a new Premium firewall policy named FW-policy1
- Routes traffic directly to the internet

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

? To create an Azure Firewall instance, you need to go to the Azure portal and select Create a resource. Type firewall in the search box and press Enter. Select Firewall and then select Create1.
? To assign an IP address from the address range of 10.1.255.0/24 to the firewall, you need to select a public IP address that belongs to that range. You can either create a new public IP address or use an existing one1.
? To use a new Premium firewall policy named FW-policy1, you need to select Premium as the Firewall tier and create a new policy with the name FW-policy12. A Premium firewall policy allows you to configure advanced features such as TLS Inspection, IDPS, URL Filtering, and Web Categories3.
? To route traffic directly to the internet, you need to enable SNAT (Source Network Address Translation) for the firewall. SNAT allows the firewall to use its public IP address as the source address for outbound traffic4.

NEW QUESTION 9

SIMULATION - (Topic 4)

Task 8

You need to ensure that the storage34280945 storage account will only accept connections from hosts on VNET1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for ensuring that the storage34280945 storage account will only accept connections from hosts on VNET1:
? To restrict network access to your storage account, 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 Virtual networks, select + Add existing virtual network. Then select VNET1 from the list of virtual networks and select the subnet that contains the hosts that you want to allow access to your storage account1. This will enable a service endpoint for Storage in the subnet and configure a virtual network rule for that subnet through the Azure storage firewall2.
? Select Add to add the virtual network and subnet to your storage account1.
? Select Save to apply your changes1.

NEW QUESTION 10

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 10

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

NEW QUESTION 15

SIMULATION - (Topic 4)

Task 3

You plan to implement an Azure application gateway in the East US Azure region. The application gateway will have Web Application Firewall (WAF) enabled. You need to create a policy that can be linked to the planned application gateway. The policy must block connections from IP addresses in the 131.107.150.0/24 range. You do NOT need to provision the application gateway to complete this task.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for creating a policy that can be linked to the planned application gateway and block connections from IP addresses in the 131.107.150.0/24 range:

? To create a policy, you need to go to the Azure portal and select Create a resource. Search for WAF, select Web Application Firewall, then select Create1.

? On the Create a WAF policy page, Basics tab, enter or select the following information and accept the defaults for the remaining settings:

? On the Custom rules tab, select Add a rule to create a custom rule that blocks connections from IP addresses in the 131.107.150.0/24 range2. Enter or select the following information for the custom rule:

? On the Review + create tab, review your settings and select Create to create your WAF policy1.

? To link your policy to the planned application gateway, you need to go to the Application Gateway service in the Azure portal and select your application gateway3.

? On the Web application firewall tab, select your WAF policy from the drop-down list and select Save

NEW QUESTION 19

- (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 24

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: (dropdown menu showing: Private peering, Microsoft peering, Private peering, Public peering, Virtual network peering)

Connection to SQL1: (dropdown menu showing: Microsoft peering, Microsoft peering, Private peering, Public peering, Virtual network peering)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Connection to Vnet1: (dropdown menu showing: Private peering, Microsoft peering, Private peering, Public peering, Virtual network peering)

Connection to SQL1: (dropdown menu showing: Microsoft peering, Microsoft peering, Private peering, Public peering, Virtual network peering)

NEW QUESTION 28

- (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 30

- (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 32

- (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 36

- (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 37

- (Topic 3)

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

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

You have two Azure virtual networks named Vnet1 and Vnet2.

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

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

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

Solution: You download and reinstall the VPN client configuration. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The VPN client must be downloaded again if any changes are made to VNet peering or the network topology.

Reference:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing>

NEW QUESTION 40

- (Topic 3)

You have an Azure subscription that contains a user named Admin1 and a resource group named RG1.

RG1 contains an Azure Network Watcher instance named NW1.

You need to ensure that Admin1 can place a lock on NW1. The solution must use the principle of least privilege.

Which role should you assign to Admin1?

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

Answer: A

NEW QUESTION 43

- (Topic 3)

Your company has four branch offices and an Azure Subscription. The subscription contains an Azure VPN gateway named GW1.

The branch offices are configured as shown in the following table.

| Name | Local router | Local network gateway | Connection | VPN gateway |
|---------|--------------|-----------------------|-------------|-------------|
| Branch1 | RTR1 | LNG1 | Connection1 | GW1 |
| Branch2 | RTR2 | LNG2 | Connection2 | GW1 |
| Branch3 | RTR3 | LNG3 | Connection3 | GW1 |
| Branch4 | RTR4 | LNG4 | Connection4 | GW1 |

The branch office routers provide internet connectivity and Site-to-Site VPN connections to GW1.

The users in Branch1 report that they can connect to internet resources, but cannot access Azure resources.

You need to ensure that the Branch1 users can connect to the Azure Resources. The solution must meet the following requirements:

- Minimize downtime for all users.
- Minimize administrative effort. What should you do first?

- A. Reset RTR1.
- B. Reset Connection1.
- C. Reset GW1.
- D. Recreate LNG1.

Answer: B

NEW QUESTION 45

- (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 46

- (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 49

HOTSPOT - (Topic 3)

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

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

VNet1 and VNet2 are NOT connected to each other.

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

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

NOTE: Each correct selection is worth one point.

Answer Area:

Minimum number of application security groups:

| |
|---|
| 1 |
| 2 |
| 3 |
| 6 |

Minimum number of application security group assignments:

| |
|---|
| 1 |
| 2 |
| 3 |
| 6 |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

2 ASGs e 3 assignments,

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

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

NEW QUESTION 50

- (Topic 3)

You have an internal Basic Azure Load Balancer named LB1 That has two frontend IP addresses. The backend pool of LB1 contains two Azure virtual machines named VM1 and VM2.

You need to configure the rules on LB1 as shown in the following table.

| Rule | Frontend IP address | Protocol | ILB1 port | Destination | VM port |
|------|---------------------|----------|-----------|--------------------------------------|---------|
| 1 | 65.52.0.1 | TCP | 80 | IP address of the NIC of VM1 and VM2 | 80 |
| 2 | 65.52.0.2 | TCP | 80 | IP address of the NIC of VM1 and VM2 | 80 |

What should you do for each rule?

- A. Enable Floating IP.
- B. Disable Floating IP.
- C. Set Session persistence to Enabled.
- D. Set Session persistence to Disabled

Answer: A

NEW QUESTION 53

- (Topic 3)

You have five virtual machines that run Windows Server. Each virtual machine hosts a different web app.

You plan to use an Azure application gateway to provide access to each web app by using a hostname of www.contoso.com and a different URL path for each web app, for example: <https://www.contoso.com/app1>.

You need to control the flow of traffic based on the URL path. What should you configure?

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

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/application-gateway/url-route-overview>

NEW QUESTION 54

- (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 56

- (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 57

HOTSPOT - (Topic 3)

Your on-premises network contains the subnets shown in the following table.

| Name | IPv4 network address |
|---------|----------------------|
| Subnet1 | 192.168.10.0/24 |
| Subnet2 | 192.168.20.0/24 |

The network contains a firewall named FW1 that uses a public IP address of 131.107.100.200.

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

| Name | Type | Description |
|---------------|-------------------------|--|
| VNet1 | Virtual network | Uses an address space of 10.1.0.0/16 |
| GW1 | Virtual network gateway | <ul style="list-style-type: none"> • Uses a public IP address of 20.231.231.174 • Uses a private IP address of 10.1.255.10 |
| GatewaySubnet | Subnet | Uses an address space of 10.1.255.0/27 |
| LNG1 | Local network gateway | None |

You plan to configure a Site-to-Site (S2S) VPN named VPN1 that will connect GW1 to FW1.

You need to configure LNG1 to support VPN1. The solution must meet the following requirements:

- Ensure that the resources on Subnet1 and Subnet2 can communicate with the resources on VNet1.
- Minimize administrative effort.

How should you configure LNG1? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Address space:

IP address:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Address space:

IP address:

NEW QUESTION 59

- (Topic 3)

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

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

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

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

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

```
{
  "timeStamp": "2021-04-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g571-463hw3479512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\\\*pm AppleWebKit Android\\\\*' against '\\\\*REQUEST_HEADER:User-Agent\\\\*' required. ",
      "data": "",
      "file": "rules/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1243"
    }
  },
  "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 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 60

- (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 65

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.

Answer Area

| 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 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:

Answer Area

| 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 checked="" 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 checked="" type="radio"/> |

NEW QUESTION 66

HOTSPOT - (Topic 3)

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

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

You plan to use Azure Virtual Network NAT to implement outbound connectivity for App1 and App2.

You need to identify the minimum number of subnets and Virtual Network NAT instances required to meet the following requirements:

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

Answer Area

Minimum number of subnets:

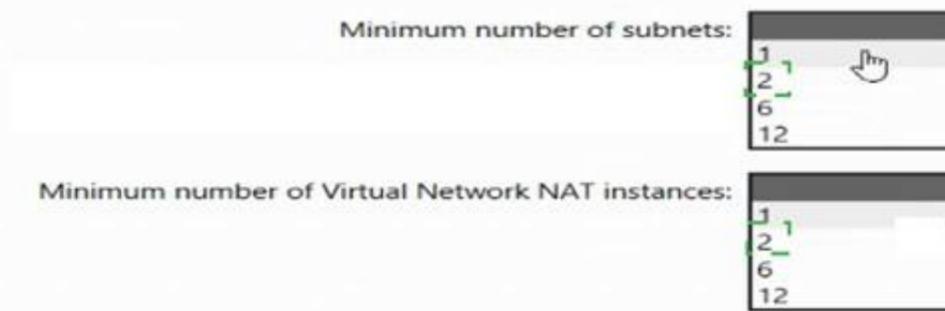
Minimum number of Virtual Network NAT instances:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 70

HOTSPOT - (Topic 3)

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

| Name | Location |
|------|----------|
| RG1 | East US |
| RG2 | UK West |

You have the virtual networks shown in the following table.

Vnet1 contains two virtual machines named VM1 and VM2. Vnet2 contains two virtual machines named VM3 and VM4. You have the network security groups (NSGs) shown in the following table that include only default rules.

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

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

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

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

NOTE: Each correct selection is worth one point.

Answer Area

| Statements | Yes | No |
|---|-----|----|
| VM2 can be added to the backend pool of Lb2. | | |
| VM4 can access VM3 via port 1433 by using the frontend address of Lb2. | | |
| VM1 can be accessed via port 80 from the internet by using the frontend address of Lb1. | | |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements | Yes | No |
|---|-------------------------------------|-------------------------------------|
| VM2 can be added to the backend pool of Lb2. | <input 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 74

- (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 78

- (Topic 3)

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

| Name | Type | Description |
|----------|---------------------------|--|
| App1 | Azure App Service | A web app |
| Gateway1 | Azure Application Gateway | includes an SSL certificate that has a subject name of *.contoso.com |

Gateway1 provides access to App1 by using a URL of <http://app1.contoso.com>. You create a new web app named App2.

You need to configure Gateway1 to enable minimize administrative effort. What should you configure on Gateway1?

- A. a backend pool and a routing
- B. a listener and a routing rule
- C. a listener, a backend pool, and a rule
- D. a listener and a backend pool

Answer: B

NEW QUESTION 80

- (Topic 3)

You are planning the IP addressing for the subnets in Azure virtual networks. Which type of resource requires IP addresses in the subnets?

- A. internal load balancers
- B. storage account
- C. service endpoints
- D. service endpoint policies

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

NEW QUESTION 83

- (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 86

- (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 88

- (Topic 3)

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

- A virtual network named Vnet1
- An App Service plan named ASP1
- An Azure App Service named webapp1
- An Azure private DNS zone named private.contoso.com
- Virtual machines on Vnet1 that cannot communicate outside the virtual network

You need to ensure that the virtual machines on Vnet1 can access webapp1 by using a URL of https://wwwprivate.contosocom.

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

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

Answer: AD

NEW QUESTION 90

- (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-5b8d6fea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CR5",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning: Match of '\\\\*pm AppleWebKit Android\\\\*' against '\\\\*REQUEST_HEADERS:User-Agent\\\\*' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "app1.contoso.com",
    "transactionId": "4658411d8b9c1ea198165b97428d79bc",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "Global"
  }
}
```

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

- A. Yes
- B. No

Answer: A

NEW QUESTION 91

- (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 95

- (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 WAFT.

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 98

- (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 99

DRAG DROP - (Topic 3)

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

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

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

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

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

Note: Each correct selection is worth one point.

Number

1

2

3

4

Answer Area

Backend pools:

Routing rules:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Number

1

2

3

4

Answer Area

Backend pools:

Routing rules:

NEW QUESTION 102

- (Topic 3)

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

| Name | Type | Description |
|----------|-----------------|---------------------------------|
| VNet1 | Virtual network | Contains a subnet named Subnet1 |
| storage1 | Storage account | None |
| VM1 | Virtual machine | Linked to Subnet1 |
| VM2 | Virtual machine | Linked to Subnet1 |

You need to ensure that VM1 and VM2 can connect only to storage1. The solution must meet the following requirements:

- Prevent VM1 and VM2 from accessing any other storage accounts.
- Ensure that storage1 is accessible from the internet. What should you use?

- A. a network security group (NSG)
- B. a private endpoint
- C. a private link
- D. a service endpoint policy

Answer: D

NEW QUESTION 104

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 107

- (Topic 3)

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

| Name | Type | Description |
|--------|-----------------------------------|--|
| VNet1 | Virtual network | Contains two subnets named Subnet1 and Subnet2 |
| VM1 | Virtual machine | Connected to Subnet1 |
| azsql1 | Azure SQL Database logical server | Has a private endpoint on Subnet2 |

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

- A. a public DNS zone named database.windows.net
- B. a private DNS zone named database.windows.net
- C. a public DNS zone named private ink.database.windows.net
- D. a private DNS zone named privatelink.database.windows.net

Answer: C

NEW QUESTION 110

- (Topic 3)

Your company has offices in and Amsterdam. The company has an Azure subscription. Both offices connect to Azure by using a Site-to-Site VPN connection. The office in Amsterdam uses resources in the North Europe Azure region. The office in New York uses resources in the East US Azure region.

You need to implement ExpressRoute circuits to connect each office to the nearest Azure region. Once the ExpressRoute circuits are connected, the on-premises computers in the Amsterdam office must be able to connect to the on-premises servers in the New York office by using the ExpressRoute circuits.

Which ExpressRoute option should you use?

- A. ExpressRoute Local
- B. ExpressRoute FastPath
- C. ExpressRoute Direct
- D. ExpressRoute Global Reach

Answer: D

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-global-reach>

NEW QUESTION 111

- (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 112

DRAG DROP - (Topic 3)

You have an Azure subscription that contain a virtual network named Vnet1 and an Azure SQL database named SQL1 has a private endpoint on Vnet1. You have a partner company named fabrikam, has an Azure subscription that contains a virtual network named Vnet2 and a virtual machine named VM1, VM1 is connected to Vnet2. You need to provide VM1 with access to SQL 1 by using an Azure private Link service. What should you implement on each virtual network? To answer, drag the appropriate resources to the correct virtual networks. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. Note: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 114

- (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 117

DRAG DROP - (Topic 3)

Your on-premises network contains an Active Directory Domain Services (AD DS) domain named contoso.com that has an internal certification authority (CA).

You have an Azure subscription.

You deploy an Azure application gateway named AppGwy1 and perform the following actions:

- Configure an HTTP listener.
- Associate a routing rule with the listener.

You need to configure AppGwy1 to perform mutual authentication for requests from domain-joined computers to contoso.com.

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

- From AppGwy1, create a routing rule.
- From AppGwy1, create a frontend IP configuration.
- From AppGwy1, create an SSL profile.
- From an on-premises computer, upload a certificate to AppGwy1.
- From AppGwy1, add an HTTP listener and associate the listener to the SSL profile.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- From AppGwy1, create a routing rule.
- From AppGwy1, create a frontend IP configuration.
- From AppGwy1, create an SSL profile.
- From an on-premises computer, upload a certificate to AppGwy1.
- From AppGwy1, add an HTTP listener and associate the listener to the SSL profile.

Answer Area

- From AppGwy1, create a frontend IP configuration.
- From AppGwy1, create an SSL profile.
- From an on-premises computer, upload a certificate to AppGwy1.
- From AppGwy1, add an HTTP listener and associate the listener to the SSL profile.

NEW QUESTION 121

HOTSPOT - (Topic 3)

Your on-premises network contains a VPN device.

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

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

NOTE: Each correct selection is worth one point.

Answer Area

```

...
$policy = New-AzIpssecPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
-Ipsec_n New-AzIpssecPolicy -IkeSeconds 14400 -SADataSizeKilobytes 102400000
New-AzIpssecTrafficSelectorPolicy
New-AzServiceEndpointPolicy
New-AzVpnClientIpssecPolicy

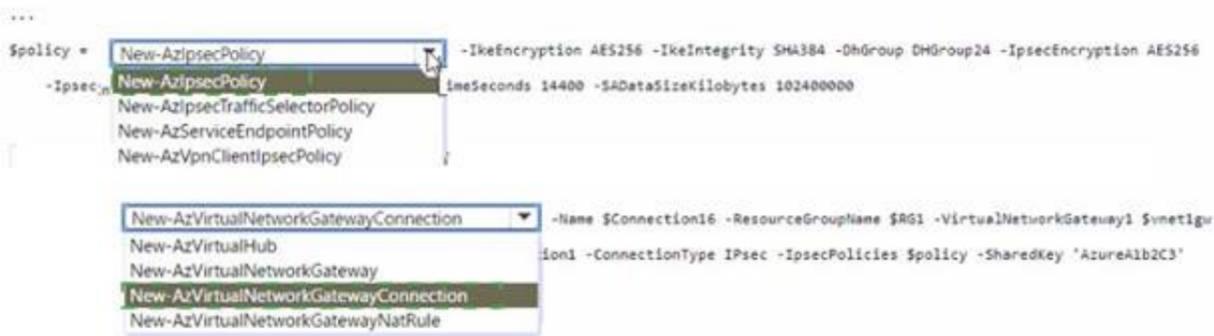
New-AzVirtualNetworkGatewayConnection -Name $Connection16 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gu
ion1 -ConnectionType IPsec -IpsecPolicies $policy -SharedKey 'AzureA1b2C3'
New-AzVirtualHub
New-AzVirtualNetworkGateway
New-AzVirtualNetworkGatewayConnection
New-AzVirtualNetworkGatewayNatRule
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 122

HOTSPOT - (Topic 3)

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

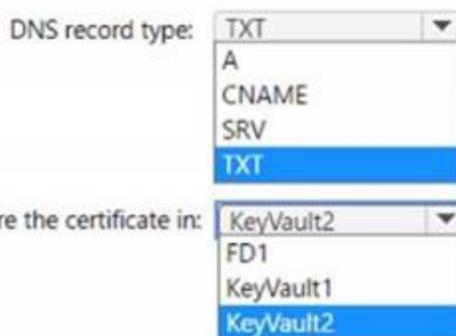
| Name | Type | Description |
|-------------|-------------------|---|
| appservice1 | Azure App Service | Hosts an app named App1 |
| contoso.com | Azure DNS zone | Resolves name requests from the internet |
| FD1 | Azure Front Door | Standard profile with App1 configured as the origin |
| KeyVault1 | Azure Key Vault | Key vault with Permission model set to Vault access policy |
| KeyVault2 | Azure Key Vault | Key vault with Permission model set to Azure role-based access control |

You purchase a certificate for app1.contoso.com from a public certification authority (CA) and install the certificate on appservice1. You need to ensure that App1 can be accessed by using a URL of https://app1.contoso.com. The solution must ensure that all the traffic for App1 is routed via FD1.

Which type of DNS record should you create, and where should you store the certificate? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Answer Area

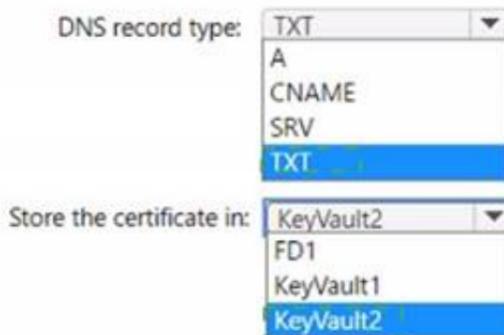


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 127

HOTSPOT - (Topic 3)

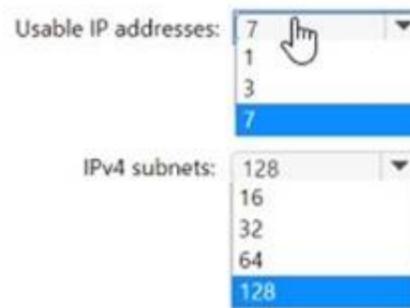
You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 has a /24 IPv4 address space.

You need to subdivide Vnet1. The solution must maximize the number of usable subnets.

What is the maximum number of IPv4 subnets you can create, and how many usable IP addresses will be available per subnet? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

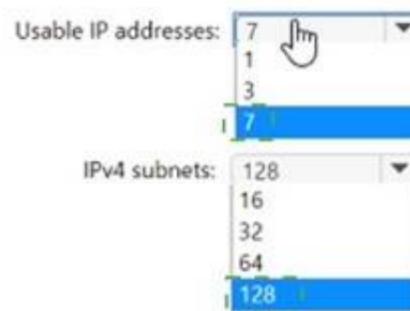
Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
 Answer Area



NEW QUESTION 130

- (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: D

Explanation:

Virtual network integration depends on a dedicated subnet.

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

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 133

- (Topic 3)

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

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

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

 Save
 Discard

Use Azure Private IP Address ⓘ

Disabled Enabled

BGP ⓘ

Disabled Enabled

IPsec / IKE policy ⓘ

Default Custom

Use policy based traffic selector ⓘ

Enable Disable

DPD timeout in seconds * ⓘ

Connection Mode ⓘ

Default InitiatorOnly ResponderOnly

IKE Protocol ⓘ

IKEv2

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

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

Answer: A

NEW QUESTION 134

- (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 136

- (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 138

- (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 142

- (Topic 3)

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

| Name | Type | Description |
|---------|---------------------------------|---|
| FW1 | Azure Firewall Premium | Has a network intrusion detection and prevention system (IDPS) enabled |
| HP1 | Azure Virtual Desktop host pool | All outbound traffic from HP1 to the subscription's resources route through FW1 |
| Server1 | Virtual machine | Hosts an application named App1 |
| KV1 | Azure Key Vault | None |

Users on HP1 connect to App1 by using a URL of [https://app1 .comoso.com](https://app1.comoso.com). You need to ensure that the IDPS on FW1 can identify security threats in the connections from HP1 to Server1. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Enable TLS inspection for FW1.
- B. import a server certificate to KV1.
- C. Enable threat intelligence for FW1.
- D. Add an application group to HP1.
- E. Add a secured virtual network to FW1.

Answer: AC

NEW QUESTION 146

- (Topic 3)

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

| Name | Routing method |
|----------|----------------|
| Profile1 | Performance |
| Profile2 | Multivalued |

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

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

Which endpoints can you add to Profile2?

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

Answer: A

NEW QUESTION 148

- (Topic 3)

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

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

You create a private endpoint for App1. The record for the endpoint is registered automatically in Azure DNS.

You need to provide a developer with the name that is registered in Azure DNS for the private endpoint.

What should you provide?

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

Answer: A

NEW QUESTION 153

- (Topic 3)

You have an Azure Front Door instance named FD1 that is protected by using Azure Web Application Firewall (WAF).

FD1 uses a frontend host named app1.contoso.com to provide access to Azure web apps hosted in the East US Azure region and the West US Azure region.

You need to configure FD1 to block requests to app1.contoso.com from all countries other than the United States.

What should you include in the WAF policy?

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

Answer: D

NEW QUESTION 154

- (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 156

HOTSPOT - (Topic 3)

You have an Azure firewall shown in the following exhibit.

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

On Firewall1, forced tunneling [answer choice]

▼

is enabled already

cannot be enabled

is disabled but can be enabled

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

▼

is enabled already

cannot be enabled

is disabled but can be enabled

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1:
 If forced tunneling was enabled, the Firewall Subnet would be named AzureFirewallManagementSubnet. Forced tunneling can only be enabled during the creation of the firewall. It cannot be enabled after the firewall has been deployed.

Box 2:
 The "Visit Azure Firewall Manager to configure and manage this firewall" link in the exhibit shows that the firewall is managed by Azure Firewall Manager.

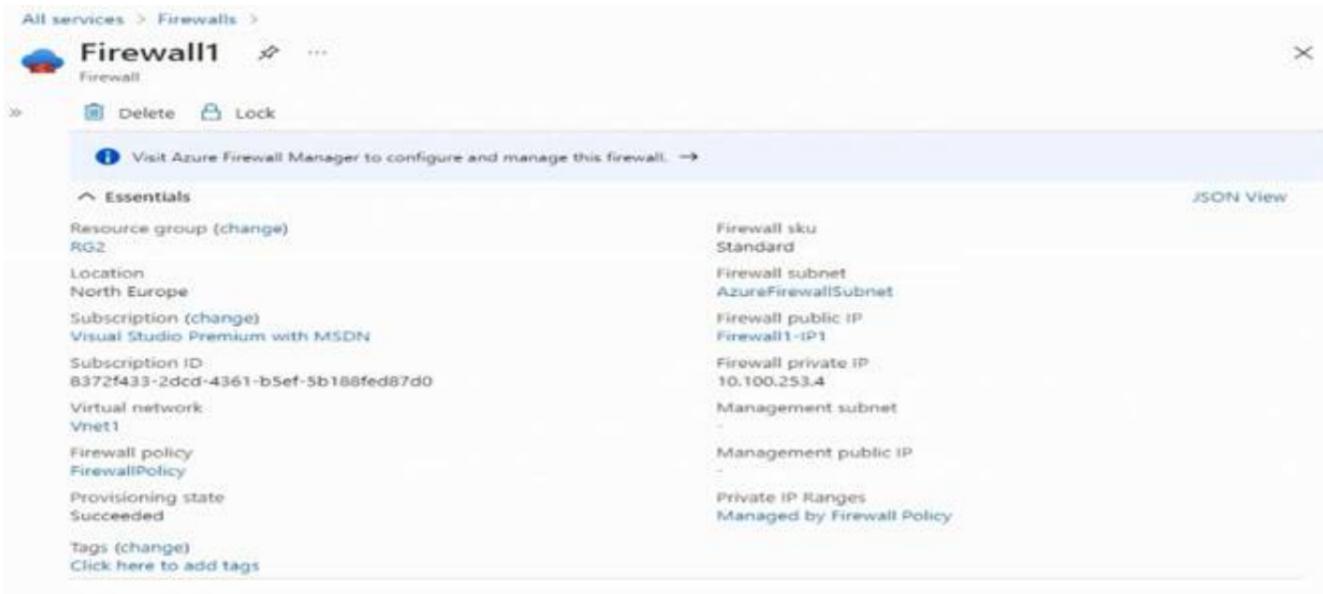
NEW QUESTION 159

HOTSPOT - (Topic 3)

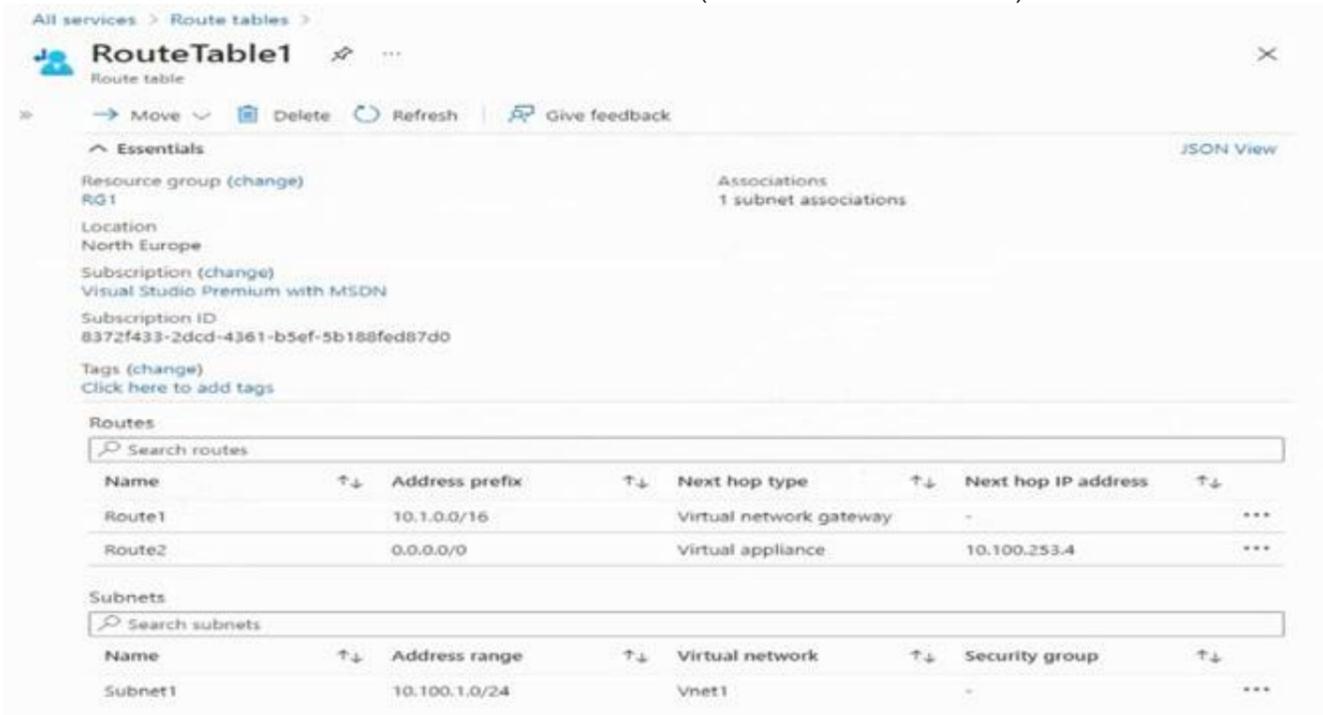
You have the network topology shown in the Topology exhibit. (Click the Topology tab.)



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



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



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

Answer Area

| Statements | Yes | No |
|---|-----------------------|-----------------------|
| The resources in Subnet1 can connect to the internet through Firewall1. | <input type="radio"/> | <input type="radio"/> |
| The resources in Subnet1 can connect to the resources in Vnet2. | <input type="radio"/> | <input type="radio"/> |
| The resources in Subnet2 can connect to the internet through Firewall1. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements | Yes | No |
|---|----------------------------------|-----------------------|
| The resources in Subnet1 can connect to the internet through Firewall1. | <input checked="" type="radio"/> | <input type="radio"/> |
| The resources in Subnet1 can connect to the resources in Vnet2. | <input type="radio"/> | <input type="radio"/> |
| The resources in Subnet2 can connect to the internet through Firewall1. | <input type="radio"/> | <input type="radio"/> |

NEW QUESTION 160

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.

Create network address translation (NAT) gateway ...

Validation passed

Basics Outbound IP Subnet Tags Review + create

Basics

Subscription: Subscription1
 Resource group: RG1
 Name: NATgateway1
 Region: North Europe
 Availability zone: -
 Idle timeout (minutes): 4

Outbound IP

Public IP address: None
 Public IP prefix: (New) NATgateway1-prefix (28)

Subnets

Virtual network: Vnet1
 Subnets: None

Tags

None

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

Answer Area

NATgateway1 can be linked to **[answer choice]**.
 NATgateway1 is assigned **[answer choice]**.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

NATgateway1 can be linked to **[answer choice]**.
 NATgateway1 is assigned **[answer choice]**.

NEW QUESTION 162

- (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 167

HOTSPOT - (Topic 3)

You have an Azure subscription that contains the route tables and routes shown in the following table.

| Route table name | Route name | Prefix | Destination |
|------------------|---------------|-----------|-----------------------|
| RT1 | Default Route | 0.0.0.0/0 | VirtualNetworkGateway |
| RT2 | Default Route | 0.0.0.0/0 | Internet |

The subscription contains the subnets shown in the following table.

| Name | Prefix | Route table | Virtual network |
|---------------|--------------|-------------|-----------------|
| Subnet1 | 10.10.1.0/24 | RT1 | Vnet1 |
| Subnet2 | 10.10.2.0/24 | RT2 | Vnet1 |
| GatewaySubnet | 10.10.3.0/24 | None | Vnet1 |

The subscription contains the virtual machines shown in the following table.

| Name | IP address |
|------|------------|
| VM1 | 10.10.1.5 |
| VM2 | 10.10.2.5 |

There is a Site-to-Site VPN connection to each local network gateway.
 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 |
|---|-----------------------|-----------------------|
| Traffic from VM2 to the internet is routed through the New-York Site-to-Site VPN connection | <input type="radio"/> | <input type="radio"/> |
| Traffic from VM1 to VM2 is routed through the New-York Site-to-Site VPN connection | <input type="radio"/> | <input type="radio"/> |
| Traffic from VM1 to the internet is routed through the New-York Site-to-Site VPN connection | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

| Statements | Yes | No |
|---|----------------------------------|----------------------------------|
| Traffic from VM2 to the internet is routed through the New-York Site-to-Site VPN connection | <input type="radio"/> | <input checked="" type="radio"/> |
| Traffic from VM1 to VM2 is routed through the New-York Site-to-Site VPN connection | <input type="radio"/> | <input checked="" type="radio"/> |
| Traffic from VM1 to the internet is routed through the New-York Site-to-Site VPN connection | <input checked="" type="radio"/> | <input type="radio"/> |

NEW QUESTION 169

- (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 170

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 |
|---------------------------------------|-----------------------|-----------------------|
| VM3 can connect to port 8080 on VM1. | <input type="radio"/> | <input type="radio"/> |
| VM1 and VM2 can connect on port 9090. | <input type="radio"/> | <input type="radio"/> |
| VM1 can connect to VM3 on port 9090. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NO, NO, YES

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

NEW QUESTION 174

DRAG DROP - (Topic 3)

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

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

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

Basic **IP Addresses** Security Tags Review + create

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

IPv4 address space

10.3.0.0/16 10.3.0.0 - 10.3.255.255 (65536 addresses)



Add IPv6 address space ⓘ

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

+ Add subnet Remove subnet

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

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

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

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 176

- (Topic 3)

You have an application named App1 that listens for incoming requests on a preconfigured group of 50 TCP ports and UDP ports.

You install App1 on 10 Azure virtual machines.

You need to implement load balancing for App1 across all the virtual machines. The solution must minimize the number of load balancing rules.

What should you include in the solution?

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

Answer: B

NEW QUESTION 177

HOTSPOT - (Topic 2)

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

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

Box 2: Yes

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

Box3: No

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

NEW QUESTION 181

HOTSPOT - (Topic 3)

You have an Azure application gateway.

You need to create a rewrite rule that will remove the origin port from the HTTP header of incoming requests that are being forwarded to the backend pool.

How should you configure each setting? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Common header:

Header value:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Common header:

Header value:

NEW QUESTION 182

- (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": "2021-04-02T10:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2bht-se7y-987v-g571-463hw3479512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGM1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "Appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of {{{\"pm AppleWebKit Android\"}}} against {{{\"REQUEST_HEADER:User-Agent\"}}} required. ",
      "data": "",
      "file": "rules/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wall4568if5131t68b7",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

NEW QUESTION 186

HOTSPOT - (Topic 2)

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

NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 189

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 191

HOTSPOT - (Topic 1)

You need to implement name resolution for the cloud.litwareinc.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:

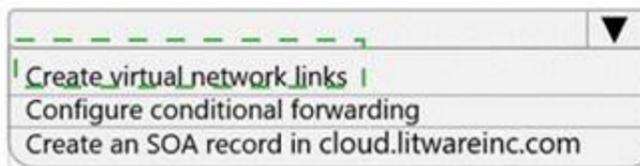
| |
|---|
| ▼ |
| Enable the Azure Firewall DNS proxy |
| Create SRV records in cloud.litwareinc.com |
| Deploy an Azure virtual machine configured as a DNS server to Vnet1 |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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



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

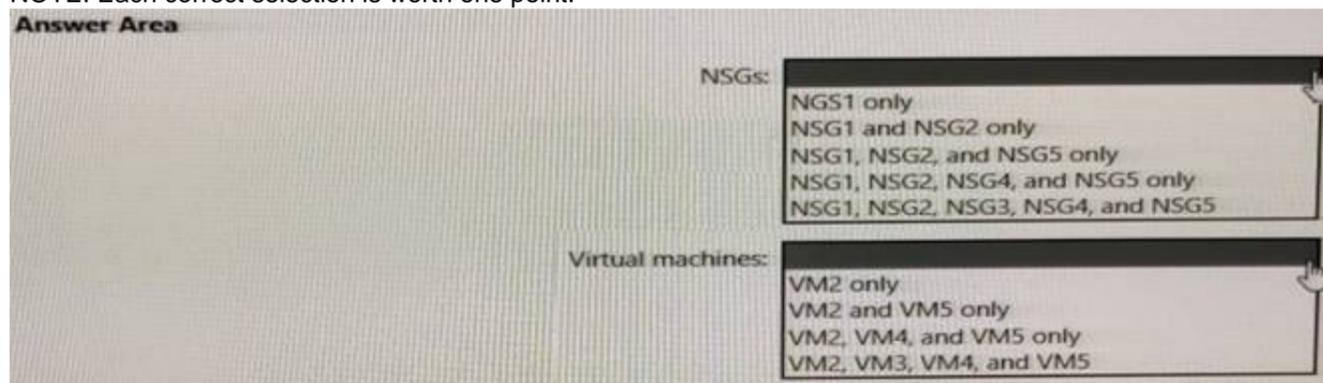


NEW QUESTION 194

HOTSPOT - (Topic 2)

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

NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NSG1 only VM2, VM3, VM4 and VM5

NEW QUESTION 197

- (Topic 1)

You need to provide access to storage2. The solution must meet the PaaS networking requirements and the business requirements.

Which connectivity method should you use?

- A. a service endpoint
- B. a private endpoint
- C. Azure Firewall
- D. Azure Front Door

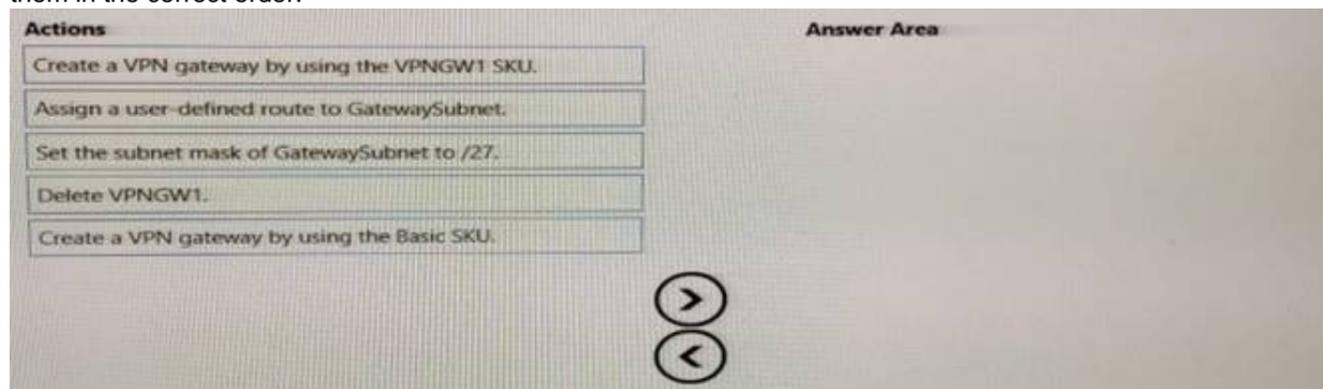
Answer: A

NEW QUESTION 200

DRAG DROP - (Topic 1)

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

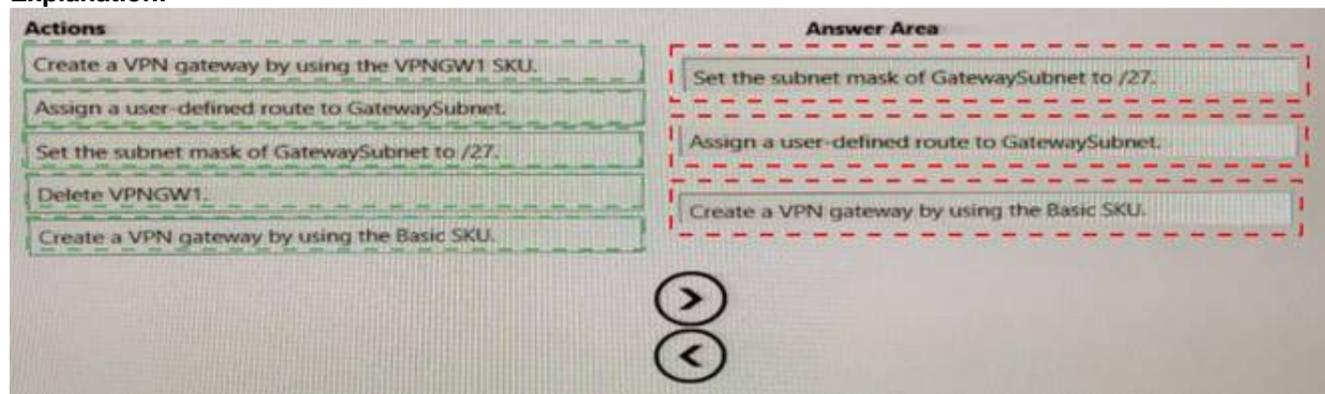
Which three actions should you perform in sequence for Vnet1? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 203

HOTSPOT - (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.

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:

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 205

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Relate Links

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