

Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions



NEW QUESTION 1

- (Exam Topic 1)

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2

- (Exam Topic 1)

You need to implement outbound connectivity for VMSSet1. The solution must meet the virtual networking requirements and the business requirements.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

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

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

NEW QUESTION 3

- (Exam Topic 2)

You are implementing the Virtual network requirements for Vnet6.

What is the minimum number of subnets and service endpoints you should create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

2, 4

NEW QUESTION 4

- (Exam Topic 2)

What should you implement to meet the virtual network requirements for the virtual machines that connect to Vnet4 and Vnet5?

- A. a private endpoint
- B. a virtual network peering
- C. a private link service
- D. a routing table
- E. a service endpoint

Answer: B

Explanation:

There is no virtual network peering between VM4's VNet (VNet3) and VM5's VNet (VNet4). To enable the VMs to communicate over the Microsoft backbone network a VNet peering is required between VNet3 and VNet4.

NEW QUESTION 5

- (Exam 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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

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 6

- (Exam Topic 3)

You have an Azure Virtual Desktop deployment that has 500 session hosts. All outbound traffic to the internet uses a NAT gateway.

During peak business hours, some users report that they cannot access internet resources. In Azure Monitor, you discover many failed SNAT connections.

You need to increase the available SNAT connections. What should you do?

- A. Add a public IP address.
- B. Bind the NAT gateway to another subnet.
- C. Deploy Azure Standard Load Balancer that has outbound rules.

Answer: A

Explanation:

Reference:

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

NEW QUESTION 7

- (Exam Topic 3)

Your company has offices in Montreal, Seattle, and Paris. The outbound traffic from each office originates from a specific public IP address.

You create an Azure Front Door instance named FD1 that has Azure Web Application Firewall (WAF) enabled. You configure a WAF policy named Policy1 that has a rule named Rule1. Rule1 applies a rate limit of 100 requests for traffic that originates from the office in Montreal.

You need to apply a rate limit of 100 requests for traffic that originates from each office. What should you do?

- A. Modify the conditions of Rule1.
- B. Create two additional associations.
- C. Modify the rule type of Rule1.
- D. Modify the rate limit threshold of Rule1.

Answer: B

NEW QUESTION 8

- (Exam Topic 3)

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

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

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

What should you include in the solution?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 9

- (Exam Topic 3)

You have the Azure environment shown in the Azure Environment exhibit. (Click the Azure Environment tab.) The settings for each subnet are shown in the following table.

The Firewalls and virtual networks settings for storage1 are configured as shown in the Storage1 exhibit. (Click the Storage1 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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10

- (Exam Topic 3)

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

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

You need to ensure that LB2 distributes traffic to all the members of VMSS1.
What should you do?

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

Answer: D

NEW QUESTION 10

- (Exam Topic 3)

You have an Azure subscription.

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

You plan to deploy Azure Virtual WAN.

You are evaluating Virtual WAN Basic and Virtual WAN Standard.

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

NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 11

- (Exam Topic 3)

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

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

- A. two A records that map `www.contoso.com` to 131.107.100.1 and 131.107.200.1
- B. a CNAME record that maps `www.contoso.com` to `TMprofile1.azurefd.net`
- C. a CNAME record that maps `www.contoso.com` to `TMprofile1.trafficmanager.net`
- D. a TXT record that contains a string of `as1.contoso.com` and `as2.contoso.com` in the details

Answer: C

Explanation:

Reference:

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

NEW QUESTION 15

- (Exam Topic 3)

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

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

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated with medium confidence

Reference:

<https://docs.microsoft.com/en-us/azure/app-service/web-sites-integrate-with-vnet#gateway-required-vnet-integra>

NEW QUESTION 20

- (Exam Topic 3)

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

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

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 23

- (Exam Topic 3)

Azure virtual networks in the East US Azure region as shown in the following table.

The virtual networks are peered to one another. Each virtual network contains four subnets.

You plan to deploy a virtual machine named VM1 that will inspect and route traffic between all the subnets on both the virtual networks.

What is the minimum number of IP addresses that you must assign to VM1?

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

Answer: A

NEW QUESTION 25

- (Exam Topic 3)

You are configuring two network virtual appliances (NVAs) in an Azure virtual network. The NVAs will be used to inspect all the traffic within the virtual network.

You need to provide high availability for the NVAs. The solution must minimize administrative effort. What should you include in the solution?

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

Answer: A

Explanation:

Reference:

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

NEW QUESTION 27

- (Exam Topic 3)

You have an Azure application gateway named AGW1 that has a routing rule named Rule1. Rule 1 directs traffic for <http://www.contoso.com> to a backend pool named Pool1. Pool1 targets an Azure virtual machine scale set named VMSS1.

You deploy another virtual machine scale set named VMSS2. You need to configure AGW1 to direct all traffic for <http://www.adatum.com> to VMSS2.

The solution must ensure that requests to <http://www.contoso.com> continue to be directed to Pool1. Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Add a backend pool.
- B. Modify an HTTP setting.
- C. Add an HTTP setting.
- D. Add a listener.
- E. Add a rule.

Answer: ADE

Explanation:

Reference:

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

NEW QUESTION 29

- (Exam Topic 3)

You have the Azure resources shown in the following table.

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

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

What should you do first?

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

Answer: A

NEW QUESTION 30

- (Exam Topic 3)

Your company has offices in New York 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: A

NEW QUESTION 32

- (Exam Topic 3)

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

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

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

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

You need to ensure that the URL is accessible through the application gateway. Solution: You configure a custom cookie and an exclusion rule.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 37

- (Exam Topic 3)

You have an Azure virtual network named Vnet1 that hosts an Azure firewall named FW1 and 150 virtual machines. Vnet1 is linked to a private DNS zone named contoso.com. All the virtual machines have their name registered in the contoso.com zone.

Vnet1 connects to an on-premises datacenter by using ExpressRoute.

You need to ensure that on-premises DNS servers can resolve the names in the contoso.com zone. Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. On the on-premises DNS servers, configure forwarders that point to the frontend IP address of FW1.
- B. On the on-premises DNS servers, configure forwarders that point to the Azure provided DNS service at 168.63.129.16.
- C. Modify the DNS server settings of Vnet1.
- D. For FW1, enable DNS proxy.
- E. For FW1, configure a custom DNS server.

Answer: AC

NEW QUESTION 40

- (Exam Topic 3)

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

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

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

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

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

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

- A. Yes
- B. No

Answer: B

NEW QUESTION 42

- (Exam Topic 3)

You plan to deploy Azure Virtual WAN.

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

Supports 10 sites that will connect to the virtual WAN hub by using a Site-to-Site VPN connection

Supports 8 Gbps of ExpressRoute traffic

Minimizes costs

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, diagram Description automatically generated with medium confidence

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about>

NEW QUESTION 46

- (Exam Topic 3)

You have an Azure subscription that contains multiple virtual machines in the West US Azure region. You need to use Traffic Analytics.

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

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

Answer: BC

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics> A storage account is used to store network security group flow logs.

A Log Analytics workspace is used by Traffic Analytics to store the aggregated and indexed data that is then used to generate the analytics.

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics#enable-flow-log-settings>

NEW QUESTION 47

- (Exam 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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

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 50

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