Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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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 name resolution for the cloud.liwareinc.com. The solution must meet the networking requirements.
What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 3
- (Exam Topic 1)
You need to connect Vnet2 and Vnet3. The solution must meet the virtual networking requirements and the business requirements.
Which two actions should you include in the solution? Each correct answer presents part of the solution.

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

Answer: BD

NEW QUESTION 4
- (Exam Topic 2)
You are implementing the virtual network requirements for VM Analyze.
What should you include in a custom route that is linked to Subnet2? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-udr-overview

NEW QUESTION 5
- (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 6
- (Exam Topic 3)
You have 10 Azure App Service instances. Each instance hosts the same web app. Each instance is in a different Azure region.
You need to configure Azure Traffic Manager to direct users to the instance that has the lowest latency. Which routing method should you use?

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

Answer: D

NEW QUESTION 7
- (Exam Topic 3)
You are planning an Azure solution that will contain the following types of resources in a single Azure region:

 Virtual machine
 Azure App Service
 Virtual Network gateway
 Azure SQL Managed Instance
App Service and SQL Managed Instance will be delegated to create resources in virtual networks.
You need to identify how many virtual networks and subnets are required for the solution. The solution must minimize costs to transfer data between virtual networks.
What should you identify? 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:
Diagram, table Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-for-azure-services#services-that-can-be

NEW QUESTION 8
- (Exam 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 9
- (Exam Topic 3)
You have an Azure virtual network named Vnet1 that has one subnet. Vnet1 is in the West Europe Azure region.
You deploy an Azure App Service app named App1 to the West Europe region.
You need to provide App1 with access to the resources in Vnet1. The solution must minimize costs. What should you do first?

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

Answer: B

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

NEW QUESTION 10
- (Exam Topic 3)
You plan to deploy an Azure virtual network. You need to design the subnets.
Which three types of resources require a dedicated subnet? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. VPN gateway
B. Azure Bastion
C. Azure Active Directory Domain Services (Azure AD DS)
D. Azure Application Gateway v2
E. Azure Private Link

Answer: ABD

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-for-azure-services

NEW QUESTION 10
- (Exam Topic 3)
You have Azure App Service apps in the West US Azure region as shown in the following table.

You need to ensure that all the apps can access the resources in a virtual network named Vnet1 without forwarding traffic through the internet-How many integration subnets should you create?

A. 1
B. 3
C. 4
D. 6

Answer: D

NEW QUESTION 15
- (Exam Topic 3)
You configure a route table named RT1 that has the routes shown in the following table.

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

You have the resources shown in the following table.

Vnet1 connects to an ExpressRoute circuit.
The on-premises router advertises the following routes:
* 0.0.0.0/0
* 10.0.0.0/16
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 19
- (Exam Topic 3)
You have an Azure subscription that contains the virtual networks shown in the following table.

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

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

Answer: C

NEW QUESTION 20
- (Exam Topic 3)
You have the hybrid network shown in the Network Diagram exhibit.

You have a peering connection between Vnet1 and Vnet2 as shown in the Peering-Vnet1-Vnet2 exhibit.

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

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 24
- (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 for request headers that contain 137.135.10.24. Does this meet the goal?

A. Yes
B. No

Answer: B

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

NEW QUESTION 25
- (Exam Topic 3)
You have the network security groups (NSGs) shown in the following table.

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

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

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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 28
- (Exam Topic 3)
You have an Azure virtual network named Vnet1 that connects to an on-premises network. You have an Azure Storage account named storageaccount1 that contains blob storage.
You need to configure a private endpoint for the blob storage. The solution must meet the following requirements:
 Ensure that all on-premises users can access storageaccount1 through the private endpoint.
 Prevent access to storageaccount1 from being interrupted.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
* 168.63.129.16 is the IP address of Azure DNS which hosts Azure Private DNS zones. It is only accessible from within a VNet which is why we need to forward on-prem DNS requests to the VM running DNS in the VNet. The VM will then forward the request to Azure DNS for the IP of the storage account private endpoint.
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-private-endpoints

NEW QUESTION 32
- (Exam Topic 3)
You have an Azure subscription that contains the following resources:
 A virtual network named Vnet1

Two subnets named subnet1 and AzureFirewallSubnet
A public Azure Firewall named FW1
A route table named RT1 that is associated to Subnet1
A rule routing of 0.0.0.0/0 to FW1 in RT1
After deploying 10 servers that run Windows Server to Subnet1, you discover that none of the virtual machines were activated.
You need to ensure that the virtual machines can be activated. What should you do?

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

Answer: B

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

NEW QUESTION 33
- (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.
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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 34
- (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.
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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 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 39
- (Exam Topic 3)
You have an Azure subscription that contains an Azure App Service app. The app uses a URL of https://www.contoso.com.

You need to use a custom domain on Azure Front Door for www.contoso.com. The custom domain must use a certificate from an allowed certification authority (CA).

What should you include in the solution?

A. an enterprise application in Azure Active Directory (Azure AD)
B. Active Directory Certificate Services (AD CS)
C. Azure Key Vault
D. Azure Application Gateway

Answer: C

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/frontdoor/front-door-custom-domain-https

NEW QUESTION 40
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