Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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NEW QUESTION 1
- (Exam Topic 1)
You need to implement a P2S VPN for the users in the branch office. The solution must meet the hybrid 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:

NEW QUESTION 2
- (Exam Topic 1)
You need to provide connectivity to storage1. The solution must meet the PaaS networking requirements and the business requirements.
What should you include in the solution?

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

Answer: A

NEW QUESTION 3
- (Exam Topic 2)
You need to configure GW1 to meet the network security requirements for the P2S VPN users. Which Tunnel type should you select in the Point-to-site configuration settings of GW1?

A. IKEv2 and OpenVPN (SSL)
B. IKEv2
C. IKEv2 and SSTP (SSL)
D. OpenVPN (SSL)
E. SSTP (SSL)

Answer: D

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/vpn-gateway/openvpn-azure-ad-tenant

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 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 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 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 8
- (Exam 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: C

NEW QUESTION 9
- (Exam Topic 3)
Your company has offices in Montreal. Seattle, and Paris. The outbound traffic from each office originates from a specific public IP address.
You create an Azure Front Door instance named FD1 that has Azure Web Application Firewall (WAF) enabled. You configure a WAF policy named Policy! that has a rule named Rule1. Rule1 applies a rate limit of 100 requests for traffic that originates from the office in Montreal.
You need to apply a rate limit of 100 requests for traffic that originates from each office. What should you do?

A. Modify the conditions of Rule1.
B. Create two additional associations.
C. Modify the rule type of Rule1.

D. Modify the rate limit threshold of Rule1.

Answer: B

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

A. Yes
B. No

Answer: B

Explanation:
The VPN client must be downloaded again if any changes are made to VNet peering or the network topology. Reference:
https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing

NEW QUESTION 14
- (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 18
- (Exam Topic 3)
You have a hybrid environment that uses ExpressRoute to connect an on-premises network and Azure.
You need to log the uptime and the latency of the connection periodically by using an Azure virtual machine and an on-premises virtual machine.
What should you use?

A. Azure Monitor
B. IP flow verify
C. Connection Monitor
D. Azure Internet Analyzer

Answer: C

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

NEW QUESTION 23
- (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 25
- (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 28
- (Exam Topic 3)
You are planning an Azure Point-to-Site (P2S) VPN that will use OpenVPN. Users will authenticate by using an on premises Active Directory domain. Which additional service should you deploy to support the VPN authentication?

A. a certification authority (CA)
B. a RADIUS server
C. an Azure key vault
D. Azure Active Directory (Azure AD) Application Proxy

Answer: B

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

NEW QUESTION 33
- (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 37
- (Exam 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 Appl1or App2. 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:

NEW QUESTION 41
- (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 45
- (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 50
- (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 51
- (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 stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.
You have an Azure subscription that contains the following resources:
* A virtual network named Vnet1
* A subnet named Subnet1 in Vnet1
* A virtual machine named VM1 that connects to Subnet1
* Three storage accounts named storage1, storage2. and storage3
You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.
Solution: You create a network security group (NSG). You configure a service tag for MicrosoftStorage and link the tag to Subnet1.

Does this meet the goal?

A. Yes
B. No

Answer: A

NEW QUESTION 55
- (Exam Topic 3)
You have the Azure App Service app shown in the App Service exhibit.

The VNet Integration settings for as12 are configured as shown in the Vnet Integration exhibit.

The Private Endpoint connections settings for as12 are configured as shown in the Private Endpoint connections 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:
Graphical user interface, text, application Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/app-service/web-sites-integrate-with-vnet

NEW QUESTION 58
- (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 59
- (Exam Topic 3)
You have an Azure private DNS zone named contoso.com that is linked to the virtual networks shown in the following table.

The links have auto registration enabled.
You create the virtual machines shown in the following table.

You manually add the following entry to the contoso.com zone:
 Name: VM1
 IP address: 10.1.10.9
For each of the following statements, select Yes of the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 1: No
The manual DNS record will overwrite the auto-registered DNS record so VM1 will resolve to 10.1.10.9. Box 2: No
The DNS record for VM1 is now a manually created record rather than an auto-registered record. Only auto-registered DNS records are deleted when a VM is deleted.
Box 3: No

This answer depends on how the IP address is changed. To change the IP address of a VM manually, you would need to select 'Static' as the IP address assignment. In this case, the DNS record will not be updated because only DHCP assigned IP addresses are auto-registered.
Reference:
https://docs.microsoft.com/en-us/azure/dns/dns-faq-private

NEW QUESTION 64
- (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 66
- (Exam 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 69
- (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 73
- (Exam Topic 3)
Your company has 10 instances of a web service. Each instance is hosted in a different Azure region and is accessible through a public endpoint.
The development department at the company is creating an application named App1. Every 10 minutes. App1 will use a list of end points and connect to the first available endpoint.
You plan to use Azure Traffic Manager to maintain the list of endpoints.
You need to configure a Traffic Manager profile that will minimize the impact of DNS caching. 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:

NEW QUESTION 77
- (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 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 79
- (Exam Topic 3)

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

You plan to create a load balancer named LB1 that will have the following settings:
* Name: LB1
* Location: West US
* Type: Public
* SKU: Standard
Which public IPv4 addresses can be used by LB1?

A. IP1 and IP3 only
B. IP3 only
C. IP3 and IP5 only
D. IP2only
E. IP1, IP2. IP3. IP4. and IP5
F. IP1, IP3, IP4, and 1P5 only

Answer: C

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

NEW QUESTION 83
- (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 88
- (Exam Topic 3)
You have an Azure Front Door instance named FrontDoor1.
You deploy two instances of an Azure web app to different Azure regions.
You plan to provide access to the web app through FrontDoor1 by using the name app1.contoso.com. You need to ensure that FrontDoor1 is the entry point for requests that use app1.contoso.com.
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:

NEW QUESTION 93
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