

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

<https://www.2passeasy.com/dumps/AZ-700/>



NEW QUESTION 1

- (Exam Topic 1)

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

Answer Area

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:

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 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 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.

Answer Area

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 4

- (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.

Answer Area



Subnets: 0

Service endpoints: 0

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

2, 4

NEW QUESTION 5

- (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 6

- (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 7

- (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

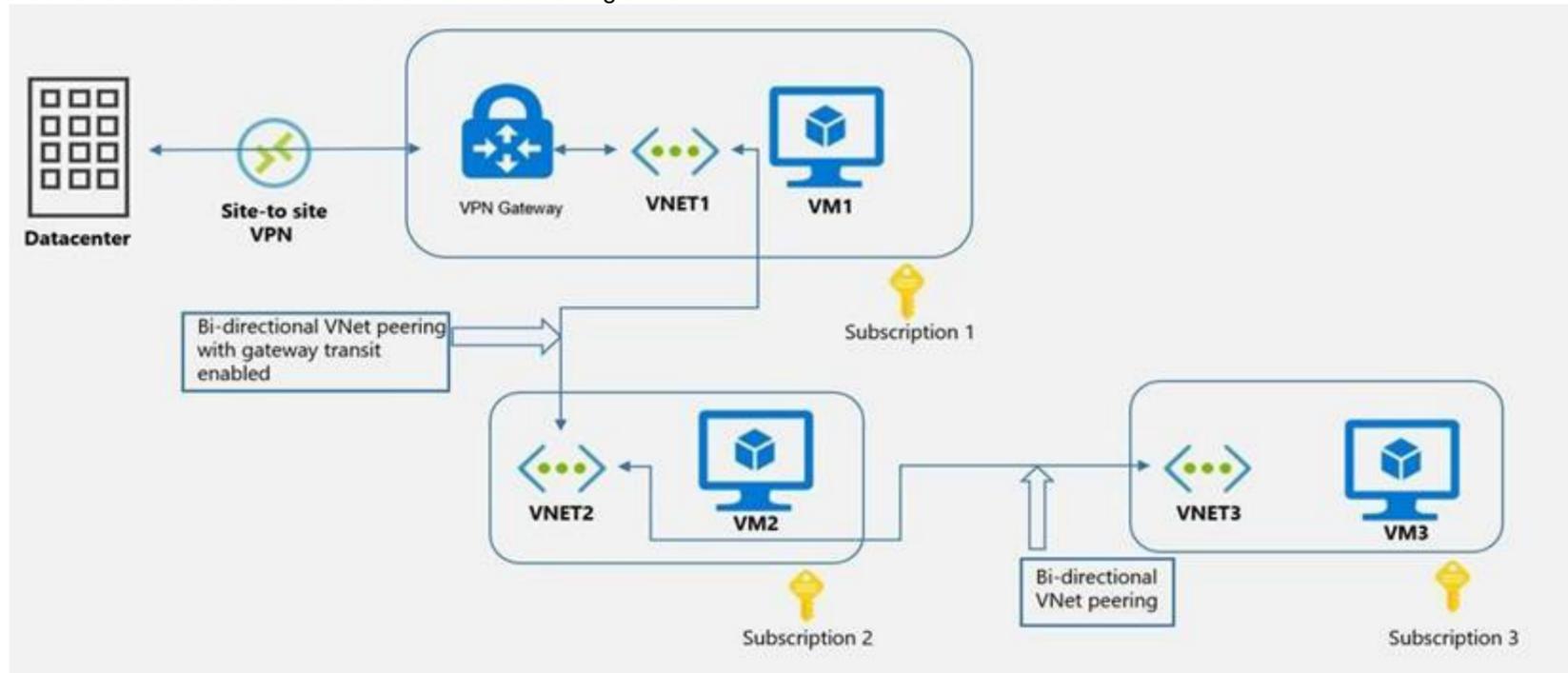
Explanation:

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 8

- (Exam Topic 3)

You have an Azure environment 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.

Answer Area

VM1 can communicate with (answer choice):

▼
VM2 only
VM2 and VM3 only
the on-premises datacenter and VM2 only
the on-premises datacenter, VM2, and VM3 only

VM2 can communicate with (answer choice):

▼
VM1 only
VM1 and VM3 only
the on-premises datacenter and VM3 only
the on-premises datacenter, VM1, and VM3 only

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

[https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-peering-gateway-transit?toc=/azure/virtual-ne](https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-peering-gateway-transit?toc=/azure/virtual-network/ip-services/ipv6-overview#capabilities) <https://docs.microsoft.com/en-ca/azure/virtual-network/ip-services/ipv6-overview#capabilities>

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 have two Azure subscriptions named Subscription1 and Subscription2. Subscription1 contains a virtual network named Vnet1. Vnet1 contains an application server. Subscription2 contains a virtual network named Vnet2.

You need to provide the virtual machines in Vnet2 with access to the application server in Vnet1 by using a private endpoint.

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	Answer Area
Deploy an Azure Standard Load Balancer in front of the application server.	
In Subscription1, accept the private endpoint connection request.	
In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.	
In Subscription2, create a private endpoint by using the private link service ID.	
Enable virtual network peering between Vnet1 and Vnet2.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

In Subscription1, accept the private endpoint connection request.
Enable virtual network peering between Vnet1 and Vnet2.
Deploy an Azure Standard Load Balancer in front of the application server.
In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.

NEW QUESTION 10

- (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:

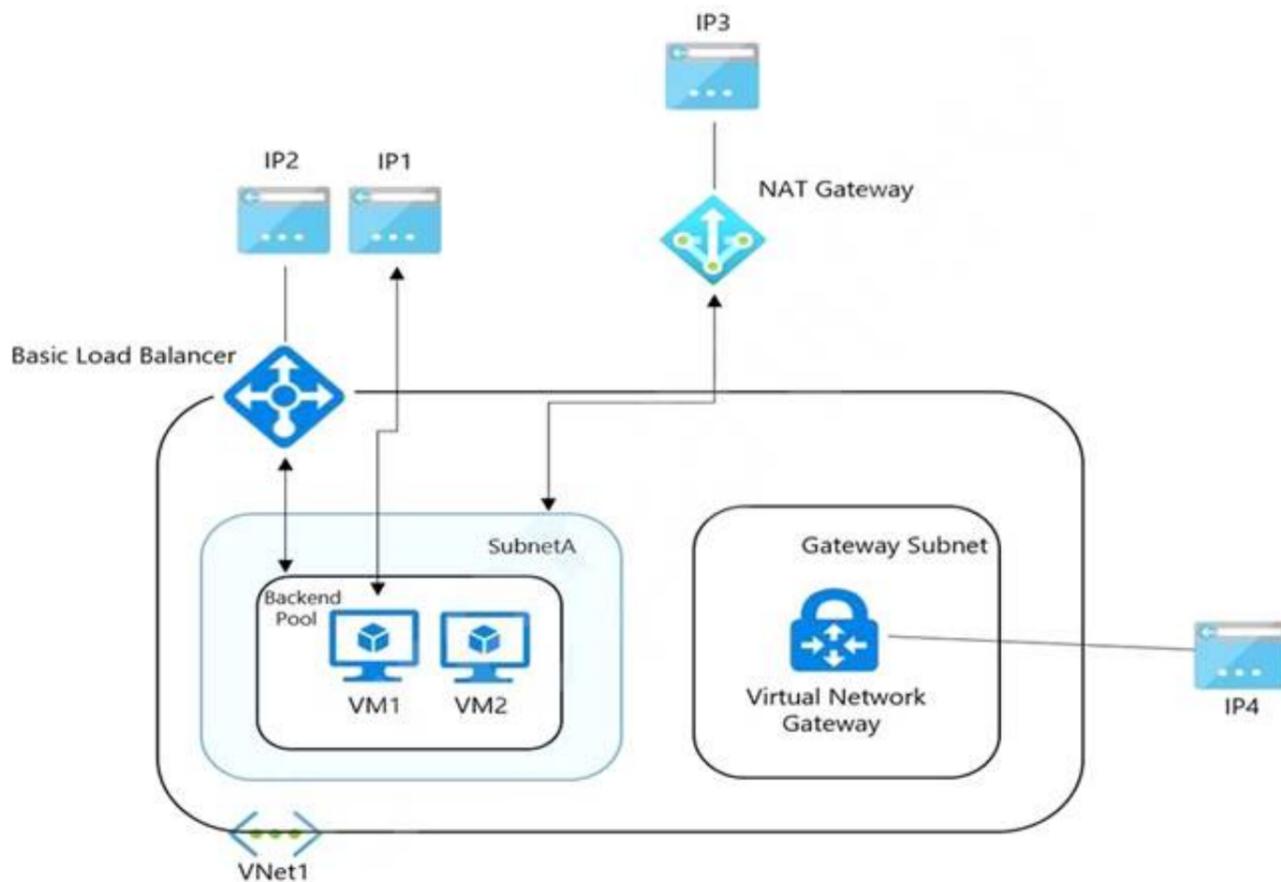
Reference:

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

NEW QUESTION 14

- (Exam Topic 3)

You have the Azure environment shown in the exhibit.



VM1 is a virtual machine that has an instance-level public IP address (ILPIP). Basic Load Balancer uses a public IP address. VM1 and VM2 are in the backend pool. NAT Gateway uses a public IP address named IP3 that is associated to SubnetA. VNet1 has a virtual network gateway that has a public IP address named IP4. When initiating outbound traffic to the internet from VM1, which public address is used?

- A. IP1
- B. IP2
- C. IP3
- D. IP4

Answer: A

NEW QUESTION 19

- (Exam 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: CG

NEW QUESTION 22

- (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 27

- (Exam 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:

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 30

- (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.

```
{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceID": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g571-463hw3679512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP_CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of \\\"pm AppleWebKit Android\\\" against \\\"REQUEST_HEADER:User-Agent\\\" required. ",
      "data": "",
      "file": "rules/REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appl.contoso.com",
  "transactionId": "f7546159yhjk7wall45681f5131t68h7",
  "policyId": "default",
  "policyScope": "Global",
  "popolicyScopeName": "Global",
}
```

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

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

- A. Yes
- B. No

Answer: B

Explanation:

The parameter here should be RemoteAddr not Request header.

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/custom-waf-rules-overview#match-variable>

NEW QUESTION 31

- (Exam 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:

Answer Area

Statements	Yes	No
VM3 can connect to port 8080 on VM1.	<input checked="" type="radio"/>	<input type="radio"/>
VM1 and VM2 can connect on port 9090.	<input checked="" type="radio"/>	<input type="radio"/>
VM1 can connect to VM3 on port 9090.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 33

- (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.

Actions

Answer Area

- Install the DNS server role and configure the forwarding of blob.core.windows.net to 168.63.129.16
- Configure on-premises DNS servers to forward blob.core.windows.net to the virtual machine
- Configure a private endpoint on storageaccount1 and disable public access to the account
- Configure on-premises DNS server to forward blob.core.windows.net to 168.63.129.16
- Deploy a virtual machine to a subnet in Vnet1



- 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 36

- (Exam Topic 3)

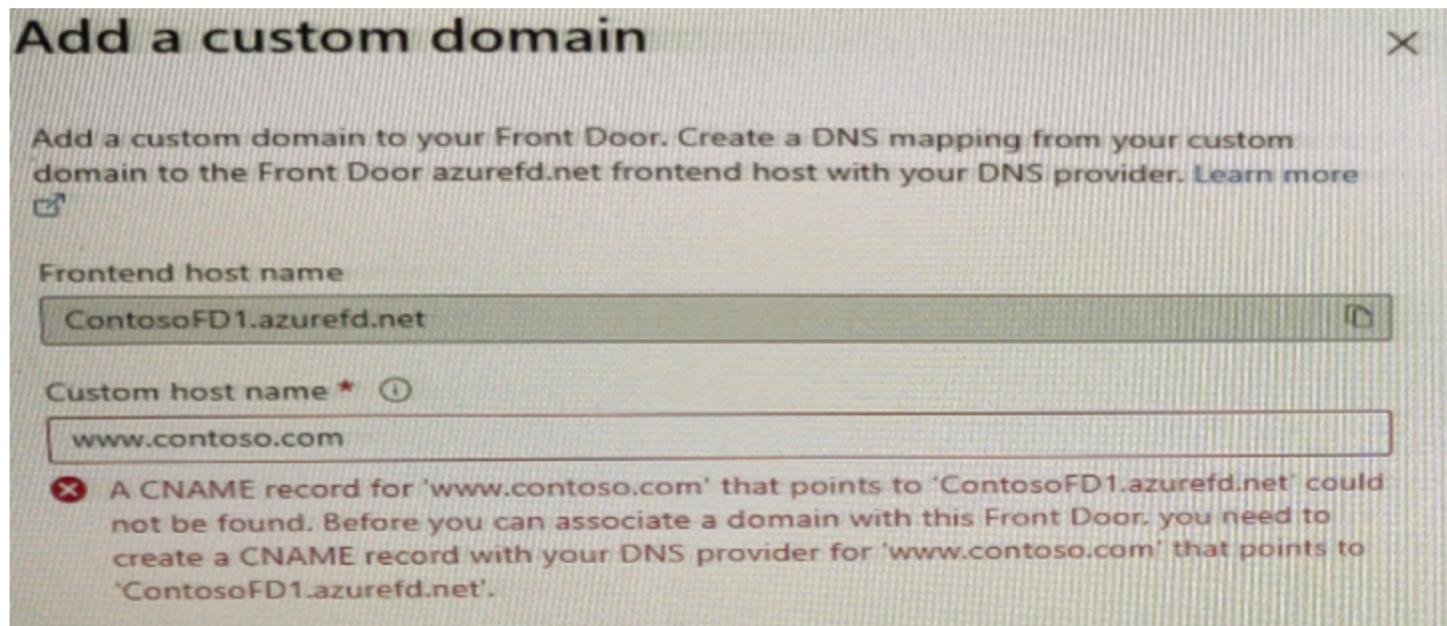
You have a website that uses an FQDN of www.contoso.com. The DNS record for www.contoso.com resolves to an on-premises web server.

You plan to migrate the website to an Azure web app named Web1. The website on Web1 will be published by using an Azure Front Door instance named ContosoFD1.

You build the website on Web1.

You plan to configure ContosoFD1 to publish the website for testing.

When you attempt to configure a custom domain for www.contoso.com on ContosoFD1, you receive the error message shown in the exhibit.



You need to test the website and ContosoFD1 without affecting user access to the on-premises web server. Which record should you create in the contoso.com DNS domain?

- A. a CNAME record that maps www.contoso.com to ContosoFD1.azurefd.net
- B. a CNAME record that maps www.contoso.com to Web1.contoso.com
- C. a CNAME record that maps afdverify.www.contoso.com to ContosoFD1.azurefd.net
- D. a CNAME record that maps afdverify.www.contoso.com to afdverify.ContosoFD1.azurefd.net

Answer: A

NEW QUESTION 37

- (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 Subnet1, 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 42

- (Exam 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:

Table Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-site-to-site-portal>

NEW QUESTION 44

- (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 47

- (Exam Topic 3)

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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.

```
{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceId": "/SUBSCRIPTIONS/6efbb4a5-d91a-4e4a-b6bf-5bd66efea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\\\pm AppleWebKit Android\\\\' against '\\\\REQUEST_HEADERS:User-Agent\\\\' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "app1.contoso.com",
  "transactionId": "d654811d0hgq1e198165hq7428d74h6",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

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

- A. Yes
- B. No

Answer: A

NEW QUESTION 52

- (Exam 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 57

- (Exam Topic 3)

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

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

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. IP2 only
- E. IP1, IP2, IP3, IP4, and IP5
- F. IP1, IP3, IP4, and IP5 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 58

- (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 61

- (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.

```
{
  "timestamp": "2021-06-02T18:13:45+00:00",
  "resourceId": "/SUBSCRIPTIONS/6efbb4a5-d91a-4e4a-b6bf-5bdd6efea73c/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGM1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "apggw_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.cortoso.com",
  "transactionId": "d65461100hgq1ea198165hq7420d7466",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

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

- A. Yes
- B. No

Answer: B

NEW QUESTION 63

- (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.

Answer Area

Virtual WAN type:

Number of scale units:

- 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 64

- (Exam Topic 3)

You need to connect an on-premises network and art Azure environment. The solution must use ExpressRoute and support failing over to a Site-to Site VPN connection if there is an ExpressRoute failure.

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

Answer Area

Routing type:

Policy-based
Route-based
Static routing

Number of virtual network gateways:

1
2
3

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Routing type:

Policy-based
Route-based
Static routing

Number of virtual network gateways:

1
2
3

NEW QUESTION 66

- (Exam Topic 3)

You have an Azure firewall shown in the following exhibit.

Firewall1
Firewall

>> Delete Lock

Visit Azure Firewall Manager to configure and manage this firewall. →

Essentials

Resource group (change) RG1	Firewall sku Standard
Location North Europe	Firewall subnet AzureFirewallSubnet
Subscription (change) Subscription1	Firewall public IP Firewall-IP1
Subscription ID 489f2hht-se7y-987v-g571-463hw3679512	Firewall private IP 10.100.253.4
Virtual network Vnet1	Management subnet
Firewall policy FirewallPolicy1	Management public IP
Provisioning state Succeeded	Private IP Ranges Managed by Firewall Policy
Tags (change) Click here to add tags	

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

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:

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 70

- (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.

Actions	Answer Area
Add a PTR record to DNS.	
Add a CNAME record to DNS.	
Add a routing rule to FrontDoor1.	
Add a custom domain to FrontDoor1.	
Add a rules engine configuration to FrontDoor1.	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions	Answer Area
Add a PTR record to DNS.	Add a custom domain to FrontDoor1.
Add a CNAME record to DNS.	Add a PTR record to DNS.
Add a routing rule to FrontDoor1.	Add a rules engine configuration to FrontDoor1.
Add a custom domain to FrontDoor1.	
Add a rules engine configuration to FrontDoor1.	

NEW QUESTION 71

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