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Microsoft AZ-700 Exam Actual Questions (P. 9)

The questions for AZ-700 were last updated on March 30, 2024.

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Viewing questions 217-243 out of 267 questions

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Topic 5 - Question Set 5

Question #1

Topic 5

You have the Azure resources shown in the following table.

Name	Type	Location	Description
storage1	Storage account	East US	Read-access geo-redundant storage (RA-GRS)
Vnet1	Virtual network	East US	Contains one subnet

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

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Question #2

Topic 5

HOTSPOT -

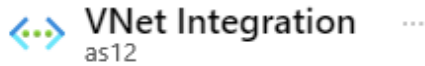
You have the Azure App Service app shown in the App Service exhibit.

The screenshot shows the Azure App Service portal for an application named 'as12'. At the top, there's a navigation bar with the application name and a close button. Below this is a toolbar with actions: '>>', 'Browse', 'Start', 'Swap', 'Restart', 'Delete', 'Get publish profile', 'Reset publish profile', and a menu icon. A yellow warning banner states: 'Your app is stopped. App Service plan charges still apply.' Below the banner is the 'Essentials' section, which is expanded. It displays various properties of the app in two columns. On the left, properties include Resource group (RG1), Status (Stopped), Location (North Europe), Subscription (Subscription1), and Subscription ID (846f6nnt-nt8e-794i-k478-649ws1576487). On the right, properties include URL (https://as12.azurewebsites.net), Health Check (Configured), App Service Plan (ASP1 (P1v2:1)), FTP/deployment user set (No FTP/deployment user set), FTP hostname (ftp://waws-prod-db3-167.azurewebsites.windows.net/site/wwwroot), and FTPS hostname (https://waws-prod-db3-167.azurewebsites.windows.net/site/wwwroot). At the bottom left of the Essentials section, there are links for 'Tags (change)' and 'Click here to add tags'. A 'JSON View' link is located at the top right of the Essentials section.

Resource group (change) RG1	URL https://as12.azurewebsites.net
Status Stopped	Health Check Configured
Location North Europe	App Service Plan ASP1 (P1v2:1)
Subscription (change) Subscription1	FTP/deployment user set No FTP/deployment user set
Subscription ID 846f6nnt-nt8e-794i-k478-649ws1576487	FTP hostname ftp://waws-prod-db3-167.azurewebsites.windows.net/site/wwwroot
	FTPS hostname https://waws-prod-db3-167.azurewebsites.windows.net/site/wwwroot

Tags (change)
[Click here to add tags](#)

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

[Disconnect](#) [Refresh](#)

VNet Configuration

Securely access resources available in or through your Azure VNet. [Learn more](#)

VNet Details

VNet NAME	Vnet1
LOCATION	North Europe

VNet Address Space

Start Address	End Address
10.100.0.0	10.100.255.255

Subnet Details

Subnet NAME	Subnet1
-------------	---------

Subnet Address Space

Start Address	End Address
10.100.2.0	10.100.2.255

The Private Endpoint connections settings for as12 are configured as shown in the Private Endpoint connections exhibit.

Private Endpoint connections

[+ Add](#) [Refresh](#) | [✓ Approve](#) [✗ Reject](#) [🗑 Remove](#)

Private Endpoint connections

Private access to services hosted on the Azure platform, keeping your data on the Microsoft network [Learn more](#)

Connection name ↑↓	Connection state ↑↓	Private endpoint ↑↓	Description
--------------------	---------------------	---------------------	-------------

No results.

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

NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Statements	Yes	No
Subnet2 can contain only App Service apps in the ASP1 App Service plan	<input type="radio"/>	<input type="radio"/>
As12 will use an IP address from Subnet2 for network communications	<input type="radio"/>	<input type="radio"/>
Computers in Vnet1 will connect to a private IP address when they connect to as12	<input type="radio"/>	<input type="radio"/>

[Reveal Solution](#)[Discussion](#) 31**Question #3***Topic 5***DRAG DROP -**

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. Select and Place:

Actions

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

Answer Area[Reveal Solution](#)[Discussion](#) 22

Question #4

Topic 5

You have an Azure virtual network named Vnet1 that has one subnet. Vnet1 is in the West Europe 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.

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Question #5

Topic 5

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

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Question #6

Topic 5

You have Azure App Service apps in the West US Azure region as shown in the following table.

Name	App Service Plan	Number of instances
App1	ASP1	3
App2	ASP1	3
App3	ASP2	2
App4	ASP3	1

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. 0
- B. 1
- C. 3
- D. 4
- E. 6

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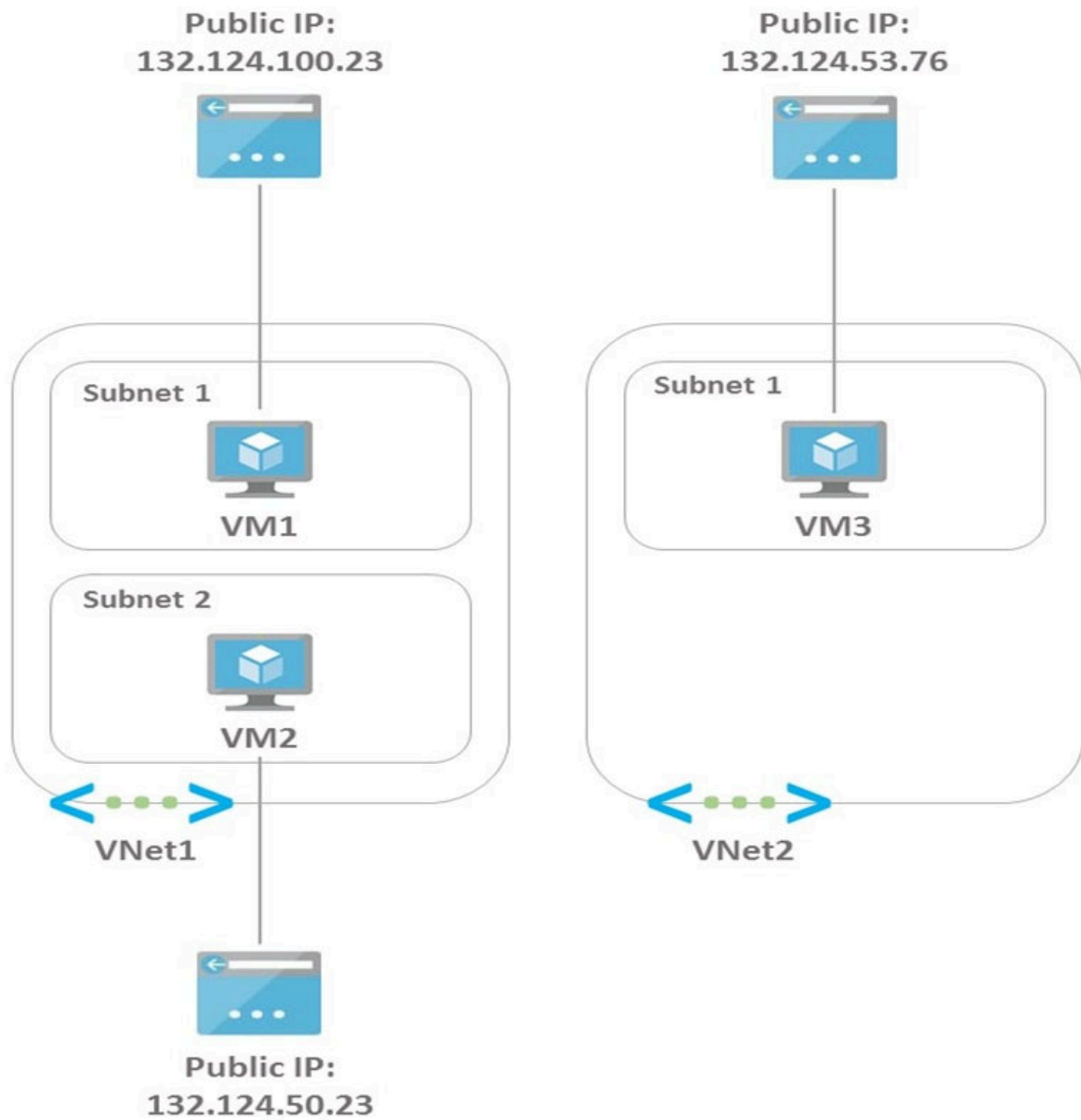
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Question #7

Topic 5

HOTSPOT -

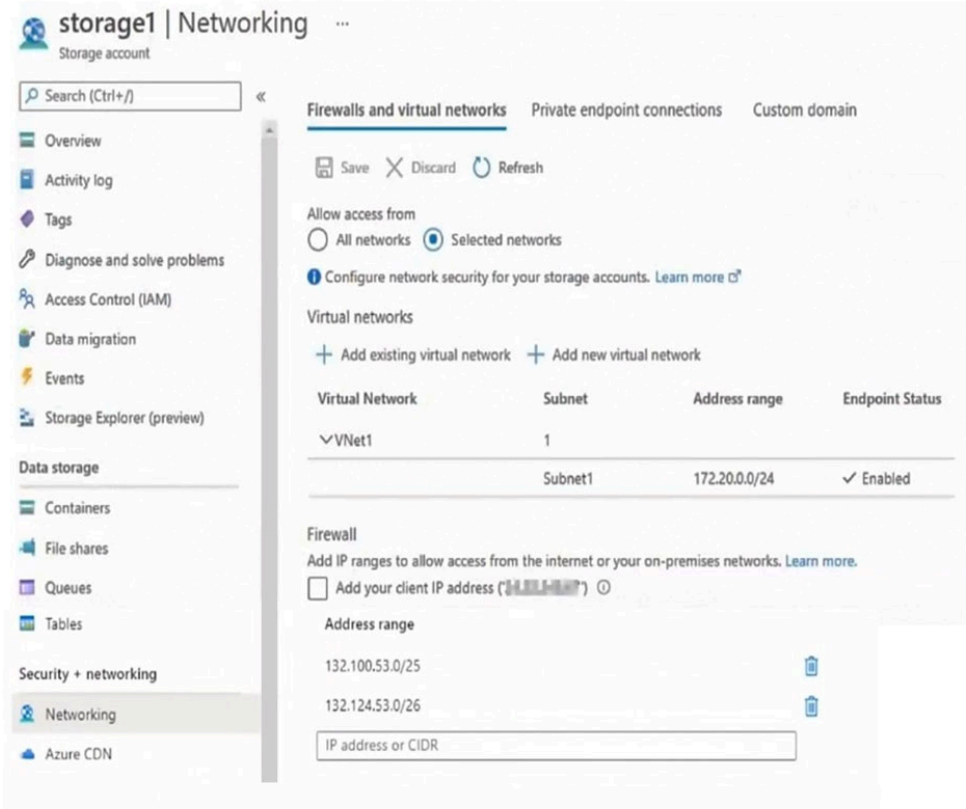
You have the Azure environment shown in the Azure Environment exhibit.



The settings for each subnet are shown in the following table.

Subnet	Service endpoint
Vnet1/Subnet1	Storage
Vnet1/Subnet2	Storage
Vnet2/Subnet1	None

The Firewalls and virtual networks settings for storage1 are configured as shown in the Storage1 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.
Hot Area:

Answer Area

Statements	Yes	No
VM1 can access storage1.	<input type="radio"/>	<input type="radio"/>
VM2 can access storage1 by using a service endpoint.	<input type="radio"/>	<input type="radio"/>
VM3 can access storage1 by using the public IP address.	<input type="radio"/>	<input type="radio"/>

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Question #8

Topic 5

DRAG DROP -

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. Select and Place:

Actions**Answer Area**

In Subscription 1, accept the private endpoint connection request.

In Subscription 1, create a private link service and attach the service to the frontend IP configuration of the load balancer.

Enable virtual network peering between Vnet1 and Vnet2.

Deploy an Azure Standard Load Balancer in front of the application server.

In Subscription 2, create a private endpoint by using the private link service.



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Question #9

Topic 5

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:

- ☞ 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://www.private.contoso.com>.

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

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Question #10

Topic 5

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

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Question #11

Topic 5

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 DDoS Protection for virtual networks
- B. private endpoints
- C. Azure Virtual Network NAT
- D. service endpoint policies

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Question #12

Topic 5

You have an Azure subscription that contains the resources 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 private endpoint for azsql1.database.windows.net.

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 privatelink.database.windows.net
- D. a private DNS zone named privatelink.database.windows.net

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Question #13

Topic 5

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 service endpoint policy
- C. a private link
- D. a private endpoint

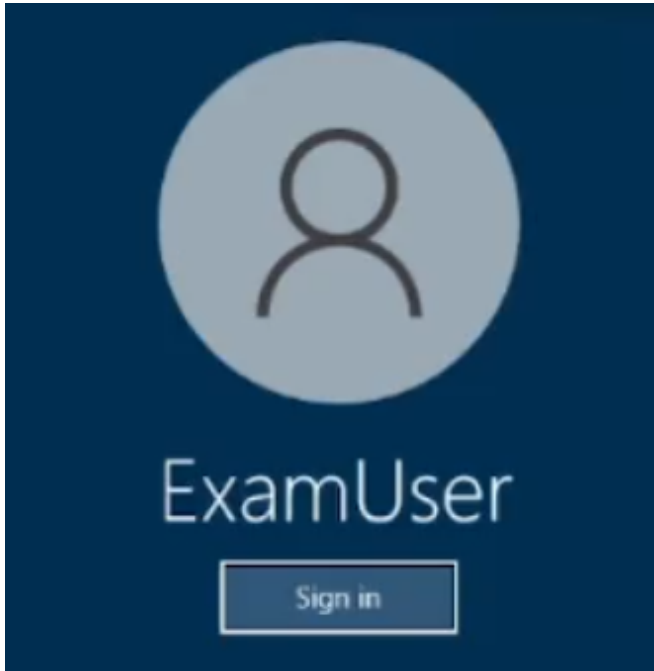
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Question #14

Topic 5

SIMULATION

-



Username and password

-

Use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password, place your cursor in the Enter password box and click on the password below.

Azure Username: User-12345678@cloudslice.onmicrosoft.com

Azure Password: xxxxxxxxxx

-

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 12345678

-

You need to ensure that connections to the storage12345678 storage account can be made by using an IP address in the 10.1.1.0/24 range and the name storage12345678.privatelink.blob.core.windows.net.

To complete this task, sign in to the Azure portal.

Reveal Solution

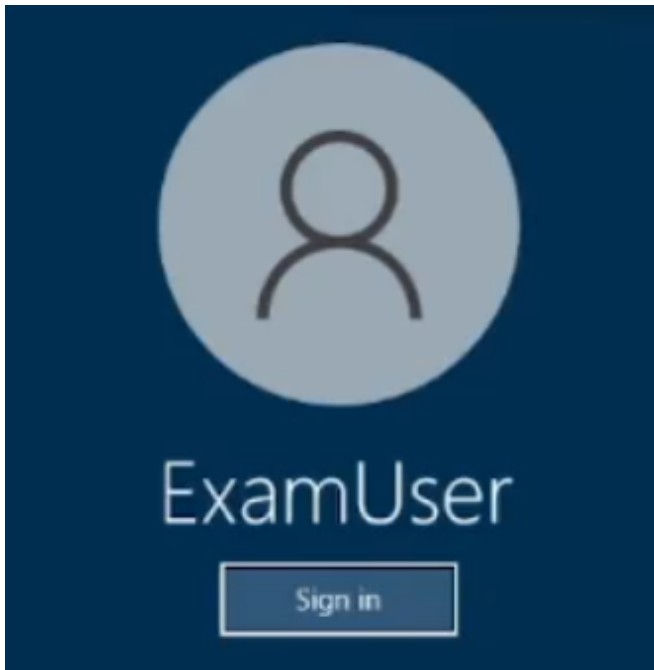
Discussion

Question #15

Topic 5

SIMULATION

-



Username and password

-

Use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password, place your cursor in the Enter password box and click on the password below.

Azure Username: User-12345678@cloudslice.onmicrosoft.com

Azure Password: xxxxxxxxxx

-

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 12345678

-

You need to ensure that requests for www.relecloud.com from any of your Azure virtual networks resolve to frontdoor1.azurefd.net.

To complete this task, sign in to the Azure portal.

Reveal Solution

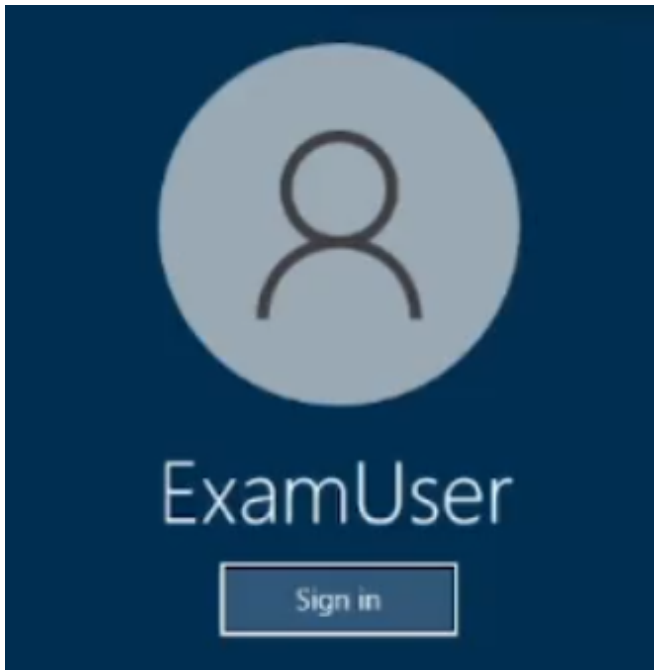
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Question #16

Topic 5

SIMULATION

-



Username and password

-

Use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password, place your cursor in the Enter password box and click on the password below.

Azure Username: User-12345678@cloudslice.onmicrosoft.com

Azure Password: xxxxxxxxxx

-

If the Azure portal does not load successfully in the browser, press CTRL-K to reload the portal in a new browser tab.

The following information is for technical support purposes only:

Lab Instance: 12345678

-

You need to ensure that the storage12345678 storage account will only accept connections from the hosts on VNET1.

To complete this task, sign in to the Azure portal.

Reveal Solution

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Question #17

Topic 5

HOTSPOT

-

You have two Azure subscriptions named Subscription1 and Subscription2.

There are no connections between the virtual networks in the two subscriptions.

You configure a private link service as shown in the privatelinkservice1 exhibit. (Click the privatelinkservice1 tab.)

The screenshot shows the 'privatelinkservice1' resource page in the Azure portal. The 'Essentials' section displays the following details:

Resource group (move)	: rg1	Alias	: privatelinkservice1.955063e0-3b92-468a-a054-22c729f62297.eastus2.azure.privatelinkservice
Status	: Succeeded	NAT subnet	: vnet2/subnet1
Location	: East US 2	NAT IPs	: 10.3.0.7
Subscription (move)	: subscription1	Load balancer	: lb1
Subscription ID	: c40e35e3-7605-4f12-ba4c-90d200425073	Visibility	: All
Tags (edit)	: Click here to add tags		

You create a load balancer name in Subscription1 and configure the backend pool shown in the lb1 exhibit. (Click the lb1 tab.)

The screenshot shows the 'lb1' resource page in the Azure portal. The 'Essentials' section displays the following details:

Resource group (move)	: rg1	Backend pool	: backendpool1 (1 virtual machine)
Location	: East US 2	Load balancing rule	: rule1 (Tcp/80)
Subscription (move)	: subscription1	Health probe	: probe1 (Http/80)
Subscription ID	: c40e35e3-7605-4f12-ba4c-90d200425073	NAT rules	: 0 inbound
SKU	: Standard	Tier	: Regional
Tags (edit)	: Click here to add tags		
Private IP address	: 10.3.0.6		

You create a private endpoint in Subscription2 as shown in the privateendpoint4 exhibit. (Click the privateendpoint4 tab.)

The screenshot shows the 'Private Link Center' in the Azure portal. The 'Private endpoints' tab is selected, and a table lists the endpoints. The table has columns for Name, Private IP, Resource, Subnet, and Connection State.

Name	Private IP	Resource	Subnet	Connection State
privateendpoint4	10.5.0.7	privatelinkservice1.955063e0-3b92-468a-a054-22c729f62297.eastus2.azure.privatelinkservice	vnet5/subnet1	Pending

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 that will be accessed by using `privatelinkservice1` must be added to `backendpool1` on `LB1`.

☐☐

Users in `Subscription2` can connect to the resources published by `privatelinkservice1` by using IP address `10.3.0.7`.

☐☐

The private endpoint must be approved by an administrator in `Subscription1`.

☐☐

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Question #18

Topic 5

You have an Azure subscription that contains an Azure Front Door named `FD1`.

You plan to deploy an app named `App1` by using Azure App Service. Users will access `App1` by using `FD1`.

You need to provide `FD1` with access to `App1`. The solution must meet the following requirements:

- Ensure that users can only access `App1` by using `FD1`.
- Ensure that users cannot access `App1` directly from the internet.

What should you create for `App1`?

- A. an access restriction
- B. a private endpoint
- C. a subnet delegation
- D. a service endpoint

Reveal Solution

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Question #19

Topic 5

HOTSPOT

-

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

DNS record type:

A
CNAME
SRV
TXT

Store the certificate in:

FD1
KeyVault1
KeyVault2

Reveal Solution

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Question #20

Topic 5

You have an Azure subscription that contains four virtual machines. The virtual machines host an app named App1.

You deploy an Azure Standard Load Balancer named LB1 to load balance incoming HTTPS requests to App1.

You need to reduce how long it takes for LB1 to stop sending App1 traffic to failed servers. The solution must minimize administrative effort.

What should you modify?

- A. the Backend pools settings
- B. the Diagnostic settings
- C. the Load-balancing rules
- D. the Health probes settings

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Question #21

Topic 5

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains the following subnets:

- AzureFirewallSubnet
- GatewaySubnet
- Subnet1
- Subnet2
- Subnet3

Subnet2 has a delegation to the Microsoft.Web/serverfarms service.

The subscription contains the resources shown in the following table.

Name	Type	Connected to
AZVNGW1	Azure VPN Gateway	GatewaySubnet
AZFW1	Azure Firewall Premium	AzureFirewallSubnet
VMSS1	Virtual machine scale set	Subnet1

You need to implement an Azure application gateway named AG1 that will be integrated with an Azure Web Application Firewall (WAF). AG1 will be used to publish VMSS1.

To which subnet should you connect AG1?

- A. GatewaySubnet
- B. AzureFirewallSubnet
- C. Subnet2
- D. Subnet1
- E. Subnet3

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Question #22

Topic 5

You have an Azure virtual network named VNet1 that contains the subnets shown in the following table.

Name	Is a gateway subnet	Description
Subnet1	No	Has connected virtual machines
Subnet2	No	Has no connected resources
GatewaySubnet	Yes	<i>None</i>

You need to deploy an Azure application gateway named AppGW1 to VNet1.

To where can you deploy AppGW1?

- A. GatewaySubnet only
- B. Subnet2 only
- C. Subnet1 or Subnet2 only
- D. Subnet2 or GatewaySubnet only
- E. Subnet1, Subnet2, and GatewaySubnet

[Reveal Solution](#)[Discussion](#) 3

Question #23

Topic 5

HOTSPOT

-

You have an Azure subscription that contains multiple virtual machine scale sets and multiple Azure load balancers. The load balancers balance traffic across the scale sets.

You plan to deploy Azure Front Door to load balance traffic across the load balancers.

You need to identify which Front Door SKU to configure, and what to use to route the traffic to the load balancers. The solution must minimize costs.

What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

SKU:

▼

Classic
Premium
Standard

Use:

▼

Azure Private Link
Azure Route Server
A service endpoint

[Reveal Solution](#)[Discussion](#) 3

Question #24

Topic 5

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. Deploy a NAT gateway.
- B. Deploy an Azure Standard Load Balancer that has an outbound NAT rule.
- C. On FW1, create an outbound network rule that allows traffic to the Azure Key Management Service (KMS).
- D. To Subnet1, associate a network security group (NSG) that allows outbound access to port 1688.

[Reveal Solution](#)[Discussion](#)

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Question #25

Topic 5

DRAG DROP

-

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

Name	Type	Description
App1	Azure App Service app	Accessed by using a URL of https://app1.contoso.com/
FD1	Azure Front Door Premium profile	Configured as an endpoint for App1
contoso.com	Azure DNS zone	Contains a DNS CNAME record for App1 that resolves to an FQDN of app1.azurewebsites.net

You discover that users connect directly to App1.

You need to meet the following requirements:

- Administrators must only access App1 by using a private endpoint.
- All user connections to App1 must be routed through FD1.
- The downtime of connections to App1 must be minimized.

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

- In the settings of App1, approve a pending private endpoint connection.
- For fd1.contoso.com, create a DNS A record that resolves to the IP address of the private endpoint.
- Change the DNS record of app1.contoso.com to resolve to the FQDN of FD1.
- In the settings of App1, create a private endpoint.
- In the settings of FD1, configure the origin group to enable the Azure Private Link service.
- For app1.contoso.com, create a DNS A record that resolves to the IP address of the private endpoint.

Answer Area



Reveal Solution

Discussion

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Question #26

Topic 5

Your on-premises network contains a DNS server named Server1.

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 Connected to storage1 by using a private endpoint
storage1	Storage account	None

The on-premises network is connected to VNet1 by using a Site-to-Site (S2S) VPN.

You need to ensure that Server1 can resolve the DNS name of storage1. The solution must minimize costs and administrative effort.

What should you use?

- A. Azure DNS Private Resolver
- B. an Azure public DNS zone
- C. an Azure Private DNS zone
- D. an Azure virtual machine that hosts a DNS service

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Question #27

Topic 5

You have an Azure Private Link service named PL1 that uses an Azure load balancer named LB1.

You need to ensure that PL1 can support a higher volume of outbound traffic.

What should you do?

- A. Increase the number of frontend IP configurations for LB1.
- B. Increase the number of NAT IP addresses assigned to PL1.
- C. Deploy an Azure Application Gateway v2 instance to the source NAT subnet.
- D. Redeploy LB1 with a different SKU.

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