Actual exam question from Microsoft's AZ-700

Question #: 1

Topic #: 1

[All AZ-700 Questions]

Your company has a single on-premises datacenter in Washington DC. The East US Azure region has a peering location in Washington DC.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 2

Topic #: 1

[All AZ-700 Questions]

You are planning an Azure Point-to-Site (P2S) VPN that will use OpenVPN.

Users will authenticate by an on-premises Active Directory domain.

Which additional service should you deploy to support the VPN authentication?

A. an Azure key vault

B. a RADIUS server

C. a certification authority

D. Azure Active Directory (Azure AD) Application Proxy

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 3

Topic #: 1

[All AZ-700 Questions]

You plan to configure BGP for a Site-to-Site VPN connection between a datacenter and Azure.

Which two Azure resources should you configure? Each correct answer presents a part of the solution. (Choose two.)

NOTE: Each correct selection is worth one point.

A. a virtual network gateway

B. Azure Application Gateway

C. Azure Firewall

D. a local network gateway

E. Azure Front Door

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 4

Topic #: 1

[All AZ-700 Questions]

You fail to establish a Site-to-Site VPN connection between your company's main office and an Azure virtual network.

You need to troubleshoot what prevents you from establishing the IPsec tunnel.

Which diagnostic log should you review?

A. IKEDiagnosticLog

B. RouteDiagnosticLog

C. GatewayDiagnosticLog

D. TunnelDiagnosticLog

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 5

Topic #: 1

[All AZ-700 Questions]

You have an Azure virtual network and an on-premises datacenter.

You are planning a Site-to-Site VPN connection between the datacenter and the virtual network.

Which two resources should you include in your plan? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a user-defined route

B. a virtual network gateway

C. Azure Firewall

D. Azure Web Application Firewall (WAF)

E. an on-premises data gateway

F. an Azure application gateway

G. a local network gateway

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 6
Topic #: 1
[All AZ-700 Questions]

HOTSPOT -
You need to connect an on-premises network and an 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.
Hot Area:

Answer Area

Routing type:
- Policy-based
- Route-based
- Static routing

Number of virtual network gateways:
- 1
- 2
- 3

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 7

Topic #: 1

[All AZ-700 Questions]

Your company has an on-premises network and three Azure subscriptions named Subscription1, Subscription2, and Subscription3.

The departments at the company use the Azure subscriptions as shown in the following table.

Department	Subscription
IT	Subscription1
Research	Subscription1
Development	Subscription2
Testing	Subscription2
Distribution	Subscription3

All the resources in the subscriptions are in either the West US Azure region or the West US 2 Azure region.

You plan to connect all the subscriptions to the on-premises network by using ExpressRoute.

What is the minimum number of ExpressRoute circuits required?

A. 1

B. 2

C. 3

D. 4

E. 5

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 8

Topic #: 1

[All AZ-700 Questions]

Your company has offices in New York and Amsterdam. The company has an Azure subscription. Both offices connect to Azure by using a Site-to-Site VPN connection. The office in Amsterdam uses resources in the North Europe Azure region. The office in New York uses resources in the East US Azure region.

You need to implement ExpressRoute circuits to connect each office to the nearest Azure region. Once the ExpressRoute circuits are connected, the on-premises computers in the Amsterdam office must be able to connect to the on-premises servers in the New York office by using the ExpressRoute circuits.

Which ExpressRoute option should you use?

A. ExpressRoute FastPath

B. ExpressRoute Global Reach

C. ExpressRoute Direct

D. ExpressRoute Local

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 9
Topic #: 1
[All AZ-700 Questions]

HOTSPOT -
You have an Azure subscription that contains a single virtual network and a virtual network gateway.
You need to ensure that administrators can use Point-to-Site (P2S) VPN connections to access resources in the virtual network. The connections must be authenticated by Azure Active Directory (Azure AD).
What should you configure? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area:

Azure AD configuration:

An access package
Conditional access policy
An enterprise application
A VPN certificate

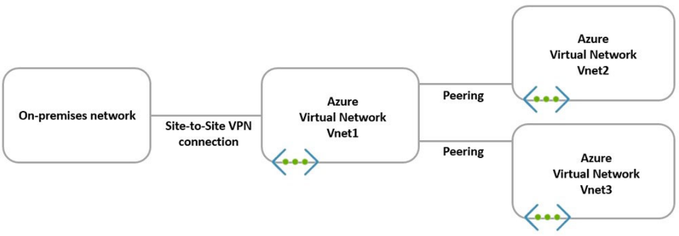
P2S VPN tunnel type:

IKEv2
IKEv2 and SSTP (SSL)
OpenVPN (SSL)
SSTP (SSL)

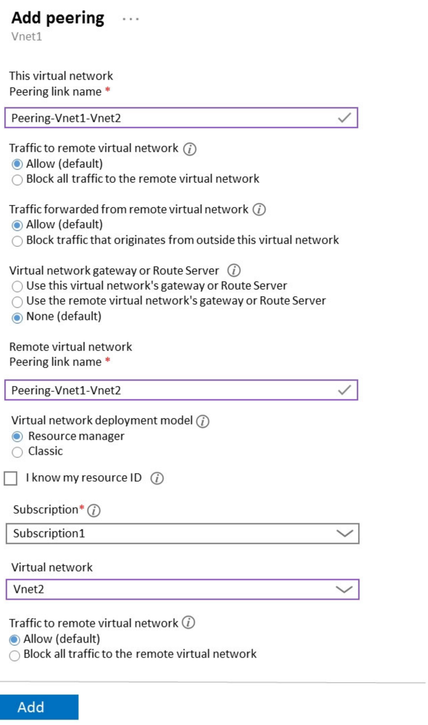
Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 10
Topic #: 1
[All AZ-700 Questions]

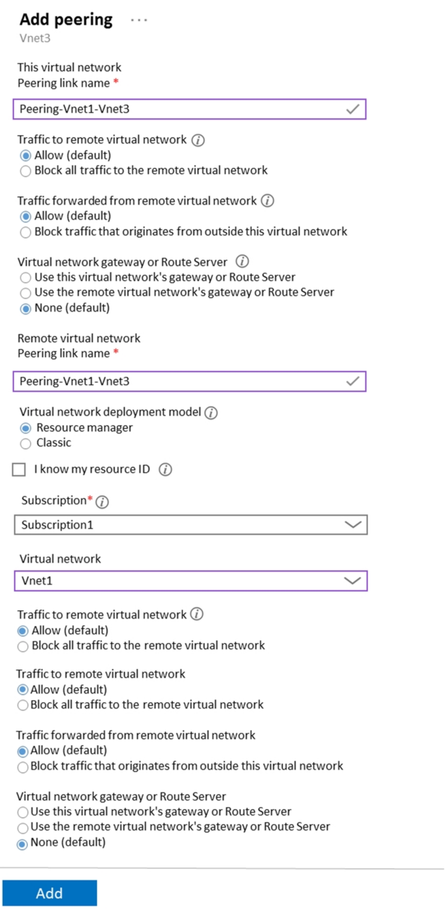
HOTSPOT -
You have the hybrid network shown in the Network Diagram exhibit.



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.
Hot Area:

Answer Area:

Statements	Yes	No
The resources in Vnet2 can communicate with the resources in Vnet1.	◯	◯
The resources in Vnet2 can communicate with the resources in Vnet3.	◯	◯
The resources in Vnet2 can communicate with the resources in the on-premises network.	◯	◯

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

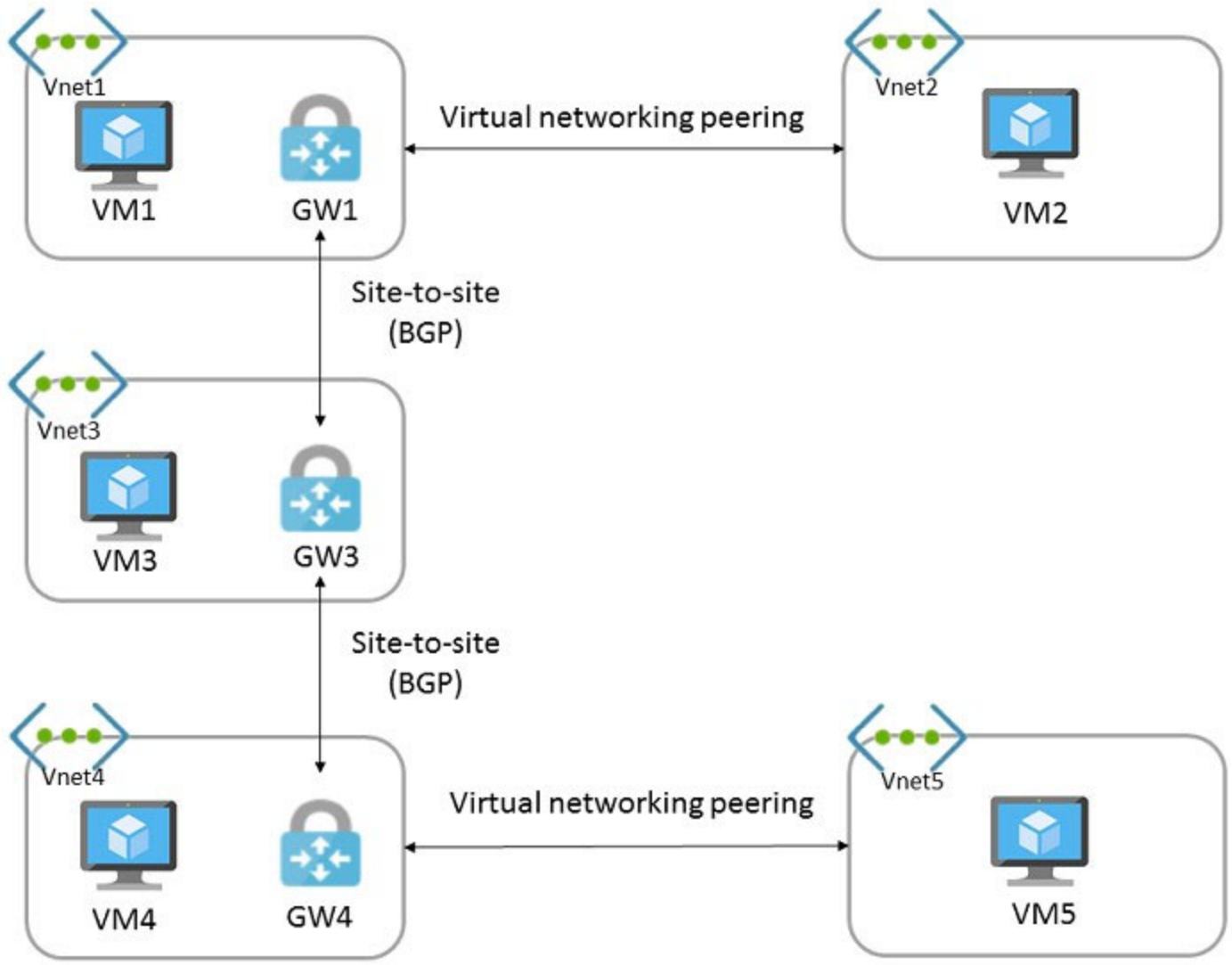
Question #: 11

Topic #: 1

[All AZ-700 Questions]

HOTSPOT -

You have the Azure environment shown in the exhibit.



You have virtual network peering between Vnet1 and Vnet2. You have virtual network peering between Vnet4 and Vnet5. The virtual network peering is configured as shown in the following table.

Virtual network	Traffic to remote virtual network	Use remote gateway	Allow gateway transit
Vnet1	Allow	**None**	Enabled
Vnet2	Allow	Enabled	**None**
Vnet4	Allow	**None**	Enabled
Vnet5	Block	Enabled	**None**

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

Hot Area:

Answer Area:

Statements	Yes	No
VM1 and VM4 can communicate.	○	○
VM2 and VM4 can communicate.	○	○
VM1 and VM5 can communicate.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 12

Topic #: 1

[All AZ-700 Questions]

HOTSPOT -

You have on-premises datacenters in New York and Seattle.

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

Name	Azure region	Datacenter
ERC1	East US	New York
ERC2	West US2	Seattle

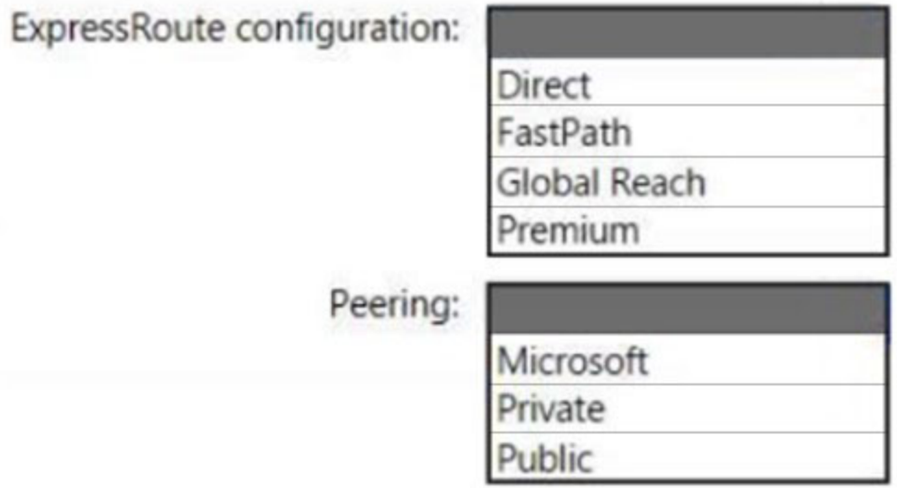
You need to ensure that all the data sent between the datacenters is routed via the ExpressRoute circuits. The solution must minimize costs.

How should you configure the network? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 13

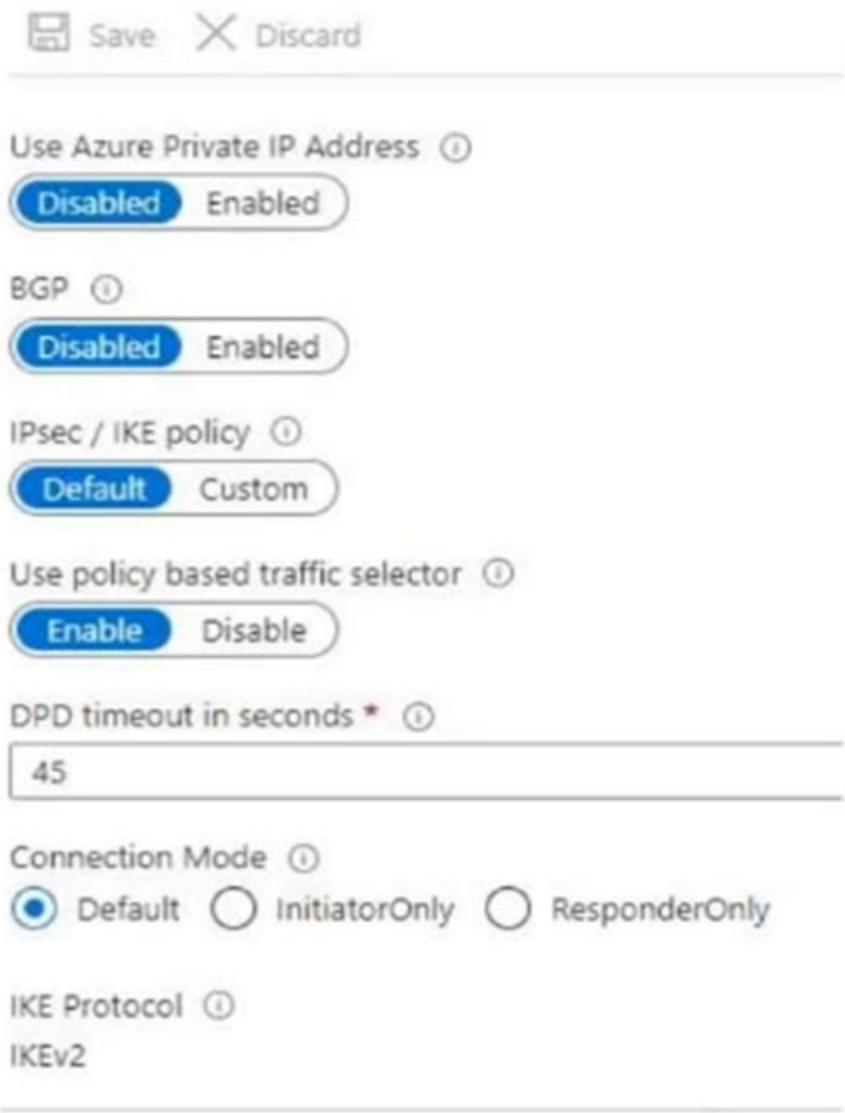
Topic #: 1

[All AZ-700 Questions]

You have an Azure virtual network named Vnet1 and an on-premises network. The on-premises network has policy-based VPN devices.

In Vnet1, you deploy a virtual network gateway named GW1 that uses a SKU of VpnGw1 and is route-based.

You have a Site-to-Site VPN connection for GW1 as shown in the following exhibit.



You need to ensure that the on-premises network can connect to the route-based GW1.

What should you do before you create the connection?

A. Set Connection Mode to ResponderOnly.

B. Set BGP to Enabled.

C. Set Use Azure Private IP Address to Enabled.

D. Set IPsec / IKE policy to Custom.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 14

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

Your on-premises network contains a VPN device.

You have an Azure subscription that contains a virtual network and a virtual network gateway.

You need to create a Site-to-Site VPN connection that has a custom cryptographic policy.

How should you complete the PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
...
$policy = [                              ] -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256
    -IpsecIntegrity SHA256 -PfsGroup None -SALifeTimeSeconds 14400 -SADataSizeKilobytes 102400000
...
[                                        ] -Name $Connection16 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw
    -LocalNetworkGateway2 $lng6 -Location $Location1 -ConnectionType IPsec -IpsecPolicies $policy -SharedKey 'AzureA1b2C3'
```

- New-AzIpsecPolicy
- New-AzIpsecTrafficSelectorPolicy
- New-AzServiceEndpointPolicy
- New-AzVpnClientIpsecPolicy

- New-AzVirtualHub
- New-AzVirtualNetworkGateway
- New-AzVirtualNetworkGatewayConnection
- New-AzVirtualNetworkGatewayNatRule

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 15

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

You have an Azure virtual network and an on-premises datacenter that connect by using a Site-to-Site VPN tunnel.

You need to ensure that all traffic from the virtual network to the internet is routed through the datacenter.

How should you complete the PowerShell script to configure forced tunneling? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
$force1 = [ ]  -Name "HQ" -ResourceGroupName "ForcedTunneling"
```

- Get-AzLocalNetworkGateway
- Get-AzNatGateway
- Get-AzNetworkVirtualAppliance
- Get-AzVirtualNetworkGateway

```
$force2 = Get-AzVirtualNetworkGateway -Name "Gateway1" -ResourceGroupName "ForcedTunneling"
[ ]  -GatewayDefaultSite $force1 -VirtualNetworkGateway $force2
```

- Set-AzVirtualNetworkGatewayConnection
- Set-AzVirtualNetworkGatewayDefaultSite
- Set-AzVirtualNetworkPeering
- Set-AzVirtualNetworkSubnetConfig

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 16

Topic #: 1

[All AZ-700 Questions]

You are planning an Azure deployment that will contain three virtual networks in the East US Azure region as shown in the following table.

Name	Description
Vnet1	Hub virtual network for shared services
Vnet2	Virtual machines for the IT department
Vnet3	Virtual machines for the research department

A Site-to-Site VPN will connect Vnet1 to your company's on-premises network.

You need to recommend a solution that ensures that the virtual machines on all the virtual networks can communicate with the on-premises network. The solution must minimize costs.

What should you recommend for Vnet2 and Vnet3?

A. VNet-to-VNet VPN connections

B. peering

C. service endpoints

D. route tables

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 17

Topic #: 1

[All AZ-700 Questions]

Your company has an office in New York.

The company has an Azure subscription that contains the virtual networks shown in the following table.

Name	Location
Vnet1	East US
Vnet2	North Europe
Vnet3	West US
Vnet4	West Europe

You need to connect the virtual networks to the office by using ExpressRoute. The solution must meet the following requirements:

- The connection must have up to 1 Gbps of bandwidth.
- The office must have access to all the virtual networks.
- Costs must be minimized.

How many ExpressRoute circuits should be provisioned, and which ExpressRoute SKU should you enable?

A. one ExpressRoute Premium circuit

B. two ExpressRoute Premium circuits

C. four ExpressRoute Standard circuits

D. one ExpressRoute Standard circuit

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 18

Topic #: 1

[All AZ-700 Questions]

You have an Azure subscription that contains a virtual network.

You plan to deploy an Azure VPN gateway and 90 Site-to-Site VPN connections. The solution must meet the following requirements:

- Ensure that the Site-to-Site VPN connections remain available if an Azure datacenter fails.
- Minimize costs.

Which gateway SKU should you specify?

A. VpnGw1AZ

B. VpnGw2AZ

C. VpnGw4AZ

D. VpnGw5AZ

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 19

Topic #: 1

[All AZ-700 Questions]

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

Name	Type	Description
Vnet1	Virtual network	In the US East Azure region
LB1	Load balancer	Basic SKU
VM1	Virtual machine	Connected to Vnet1 Member of the backend pool of LB1
VM2	Virtual machine	Connected to Vnet1 Member of the backend pool of LB1

You create a virtual network named Vnet2 in the West US region.

You plan to enable peering between Vnet1 and Vnet2.

You need to ensure that the virtual machines connected to Vnet2 can connect to VM1 and VM2 via LB1.

What should you do?

A. From the Peerings settings of Vnet2, set Traffic forwarded from remote virtual network to Allow.

B. Change the Floating IP configurations of LB1.

C. From the Peerings settings of Vnet1, set Traffic forwarded from remote virtual network to Allow.

D. Change the SKU of LB1.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 20

Topic #: 1

[All AZ-700 Questions]

DRAG DROP

-

Your on-premises network contains an Active Directory Domain Services (AD DS) domain named contoso.com that has an internal certification authority (CA).

You have an Azure subscription.

You deploy an Azure application gateway named AppGwy1 and perform the following actions:

- Configure an HTTP listener
- Associate a routing rule with the listener

You need to configure AppGwy1 to perform mutual authentication for requests from domain-joined computers to contoso.com.

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.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

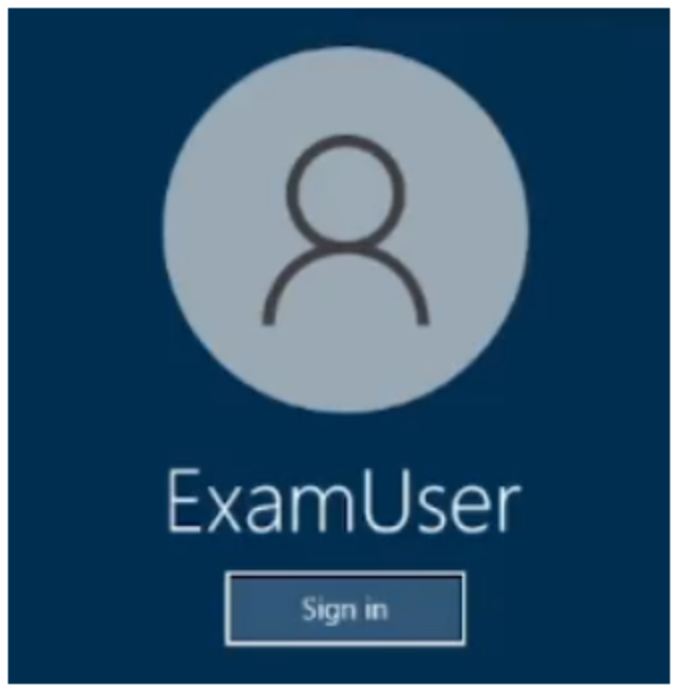
Question #: 21

Topic #: 1

[All AZ-700 Questions]

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 are preparing to connect your on-premises network to VNET4 by using a Site-to-Site VPN. The on-premises endpoint of the VPN will be created on a firewall named Firewall1.

The on-premises network has the following configuration:

- internal address range: 10.10.0.0/16
- Firewall1 internal IP address: 10.10.1.1
- Firewall public IP address: 131.107.50.60

BGP is NOT used.

You need to create the object that will provide the IP addressing configuration of the on-premises network to the Site-to-Site VPN. You do NOT need to create a virtual network gateway to complete this task.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

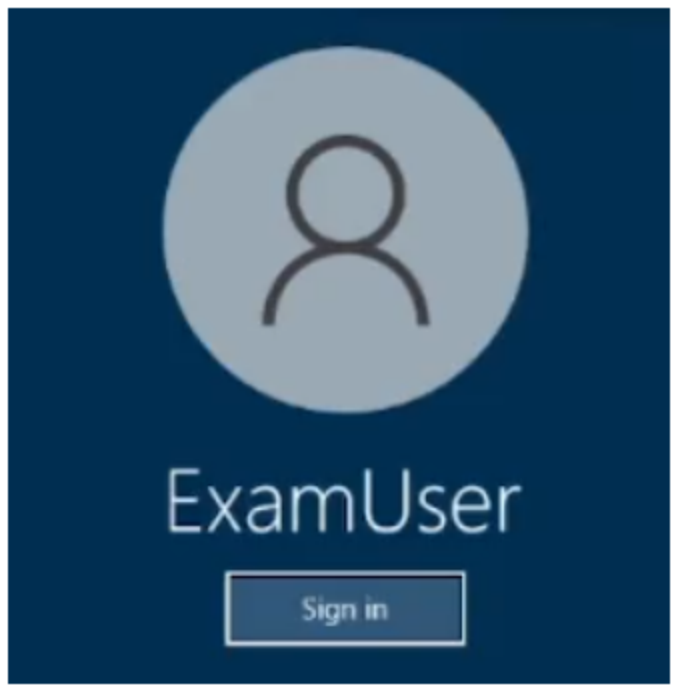
Question #: 22

Topic #: 1

[All AZ-700 Questions]

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 hosts on VNET2 can access hosts on both VNET1 and VNET3. The solution must prevent hosts on VNET1 and VNET3 from communicating through VNET2.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 23

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

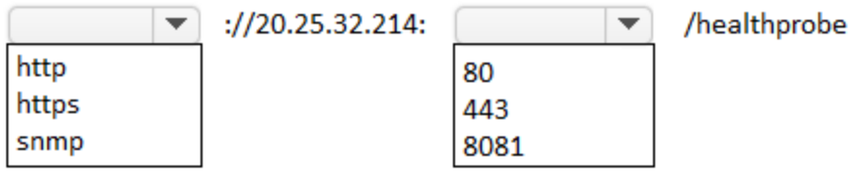
You have an Azure subscription that contains a virtual network gateway named VNetGwy1. VNetGwy1 has a public IP address of 20.25.32.214.

You need to query the health probe of VNetGwy1.

How should you complete the URI? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 24
Topic #: 1
[All AZ-700 Questions]

HOTSPOT
-

You have an on-premises datacenter.

You have an Azure subscription that contains 10 virtual machines and a virtual network named VNet1 in the East US Azure region. The virtual machines are connected to VNet1 and replicate across three availability zones.

You need to connect the datacenter to VNet1 by using ExpressRoute. The solution must meet the following requirements:

- Maintain connectivity to the virtual machines if two availability zones fail.
- Support 1000-Mbps connections.
- Minimize costs.

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

NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of ExpressRoute circuits:

- One ExpressRoute Standard circuit
- One ExpressRoute Premium circuit
- Two ExpressRoute Standard circuits
- Two ExpressRoute Premium circuits
- Three ExpressRoute Standard circuits
- Three ExpressRoute Premium circuits

Minimum number of ExpressRoute gateways:

- One ExpressRoute gateway of the ErGw1AZ SKU
- One ExpressRoute gateway of the High performance SKU
- Two ExpressRoute gateway of the ErGw1AZ SKU
- Two ExpressRoute gateway of the High performance SKU
- Three ExpressRoute gateway of the ErGw1AZ SKU
- Three ExpressRoute gateway of the High performance SKU

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 25

Topic #: 1

[All AZ-700 Questions]

You have an Azure subscription that contains a virtual network named VNet1 and the virtual machines shown in the following table.

Name	IP address	Hosted application protocol
VM1	10.1.1.11	HTTPS (TCP port 443)
VM2	10.1.1.21	SMTP (TCP port 25)
VM3	10.1.1.31	SFTP (TCP port 22)

All the virtual machines are connected to Vnet1.

You need to ensure that the applications hosted on the virtual machines can be accessed from the internet. The solution must ensure that the virtual machines share a single public IP address.

What should you use?

A. an internal load balancer

B. Azure Application Gateway

C. a NAT gateway

D. a public load balancer

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 26
Topic #: 1
[All AZ-700 Questions]

Case Study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Overview -

Litware, Inc. is a financial company that has a main datacenter in Boston and 20 branch offices across the United States. Users have Android, iOS, and Windows 10 devices.

Existing Environment -

Hybrid Environment -

The on-premises network contains an Active Directory forest named litwareinc.com that syncs to an Azure Active Directory (Azure AD) tenant named litwareinc.com by using Azure AD Connect.

All offices connect to a virtual network named Vnet1 by using a Site-to-Site VPN connection.

Azure Environment -

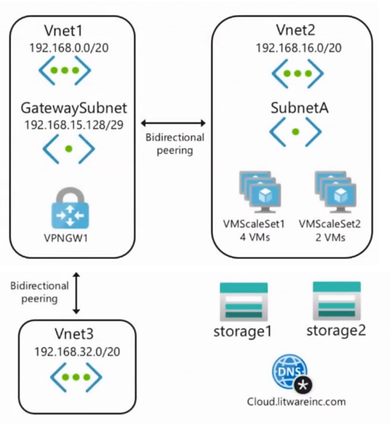
Litware has an Azure subscription named Sub1 that is linked to the litwareinc.com Azure AD tenant. Sub1 contains resources in the East US Azure region as shown in the following table.

Name	Type	Description
Vnet1	Virtual network	Uses an IP address space of 192.168.0.0/20
GatewaySubnet	Virtual network subnet	Located in Vnet1 and uses an IP address space of 192.168.15.128/29
VPNGW1	VPN gateway	Deployed to Vnet1
Vnet2	Virtual network	Uses an IP address space of 192.168.16.0/20
SubnetA	Virtual network subnet	Located in Vnet2 and uses an IP address space of 192.168.16.0/24
Vnet3	Virtual network	Uses an IP address space of 192.168.32.0/20
cloud.litwareinc.com	Private DNS zone	None
VMScaleSet1	Virtual machine scale set	Contains four virtual machines deployed to SubnetA
VMScaleSet2	Virtual machine scale set	Contains two virtual machines deployed to SubnetA
storage1	Storage account	Has the public endpoint blocked
storage2	Storage account	Has the public endpoint blocked

A diagram of the resource in the East US Azure region is shown in the Azure Network Diagram exhibit.

There is bidirectional peering between Vnet1 and Vnet2. There is bidirectional peering between Vnet1 and Vnet3. Currently, Vnet2 and Vnet3 cannot communicate directly.

Azure Network Diagram -



Requirements -

Business Requirements -

Litware wants to minimize costs whenever possible, as long as all other requirements are met.

Virtual Networking Requirements -

Litware identifies the following virtual networking requirements:

• Direct the default route of 0.0.0.0/0 on Vnet2 and Vnet3 to the Boston datacenter over an ExpressRoute circuit.
• Ensure that the records in the cloud.litwareinc.com can be resolved from the on-premises locations.
• Automatically register the DNS names of Azure virtual machines to the cloud.litwareinc.com zone.
• Minimize the size of the subnets allocated to platform-managed services.
• Allow traffic from VMScaleSet1 to VMScaleSet2 on the TCP port 443 only.

Hybrid Networking Requirements -

Litware identifies the following hybrid networking requirements:

• Users must be able to connect to Vnet1 by using a Point-to-Site (P2S) VPN when working remotely. Connections must be authenticated by Azure AD.
• Latency of the traffic between the Boston datacenter and all the virtual networks must be minimized.
• The Boston datacenter must connect to the Azure virtual networks by using an ExpressRoute FastPath connection.
• Traffic between Vnet2 and Vnet3 must be routed through Vnet1.

PaaS Networking Requirements -

Litware identifies the following networking requirements for platform as a service (PaaS):

• The storage1 account must be accessible from all on-premises locations without exposing the public endpoint of storage1.
• The storage2 account must be accessible from Vnet2 and Vnet3 without exposing the public endpoint of storage2.

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.

NOTE: Each correct selection is worth one point.

A. On the peering from Vnet1, select Allow for Traffic forwarded from remote virtual network.
B. On the peerings from Vnet2 and Vnet3, select Allow for Traffic forwarded from remote virtual network.
C. On the peering from Vnet1, select Use the remote virtual network's gateway or Route Server.
D. On the peering from Vnet1, select Allow for Traffic to remote virtual network.
E. On the peerings from Vnet2 and Vnet3, select Use the remote virtual network's gateway or Route Server.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 27
Topic #: 1
[All AZ-700 Questions]

HOTSPOT
-

You have an Azure subscription.

You plan to use Azure Virtual WAN.

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

- Supports 4 Gbps of Site-to-Site (S2S) VPN traffic
- Supports 8 Gbps of ExpressRoute traffic
- Minimizes costs

How many scale units should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

For the S2S VPN gateway: [ ]
- 2
- 4
- 8
- 16

For the ExpressRoute gateway: [ ]
- 2
- 4
- 8
- 16

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 28
Topic #: 1
[All AZ-700 Questions]

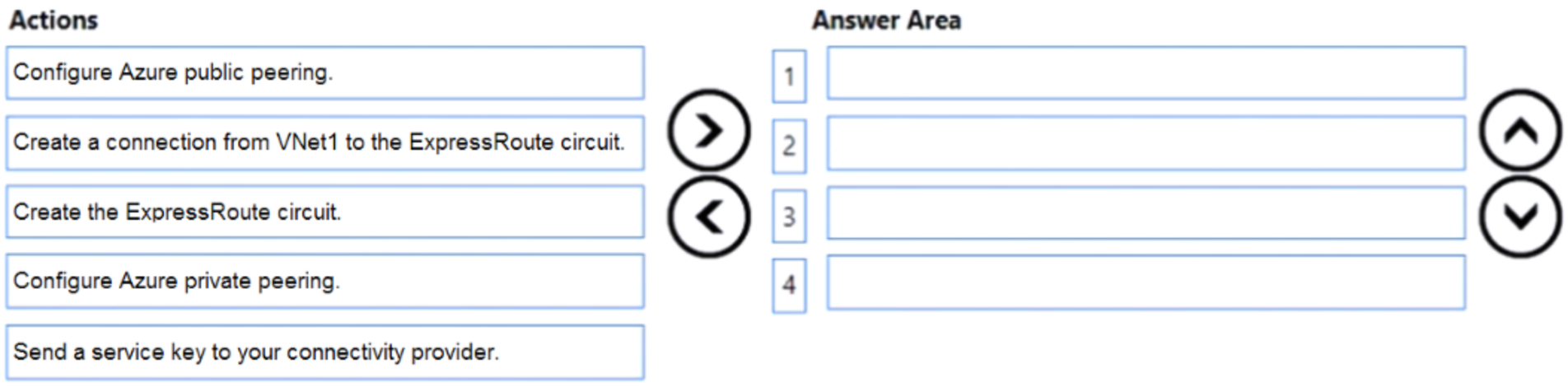
DRAG DROP
-

You have an on-premises network.

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains an ExpressRoute gateway.

You need to connect VNet1 to the on-premises network by using an ExpressRoute circuit.

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.



Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 29
Topic #: 1
[All AZ-700 Questions]

You have three on-premises networks.

You have an Azure subscription that contains a Basic Azure virtual WAN. The virtual WAN contains a single virtual hub and a virtual network gateway that is limited to a throughput of 1 Gbps.

The on-premises networks connect to the virtual WAN by using Site-to-Site (S2S) VPN connections.

You need to increase the throughput of the virtual WAN to 3 Gbps. The solution must minimize administrative effort.

What should you do?

A. Upgrade the virtual WAN to the Standard SKU.

B. Add an additional VPN gateway to the Azure subscription.

C. Create an additional virtual hub.

D. Increase the number of gateway scale units.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 30
Topic #: 1
[All AZ-700 Questions]

You have 10 on-premises networks that are connected by using a 3rd party Software Defined Wide Area Network (SD-WAN) solution. You have an Azure subscription that contains five virtual networks.

You plan to connect the Azure virtual networks and the on-premises networks by using an Azure Virtual WAN with a single virtual WAN hub.

You need to ensure that the Azure Virtual WAN can act as a node in the 3rd party SD-WAN solution.

What should you include in the solution?

A. An Azure Virtual WAN ExpressRoute gateway

B. A Network Virtual Appliance (NVA)

C. A Site to site gateway (VPN gateway)

D. A Point to site gateway (User VPN gateway)

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 31

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

You have the Azure resources shown in the following table.

Name	Type	Location	Description
Sub1	Azure subscription	West Europe	*None*
Sub2	Azure subscription	West Europe	*None*
VNet1	Virtual network	West Europe	Created in Sub1
VNet2	Virtual network	West Europe	Created in Sub2
Circuit1	ExpressRoute circuit	West Europe	Linked to VNet1
Gateway1	ExpressRoute gateway	West Europe	Created in VNet1
Gateway2	ExpressRoute gateway	West Europe	Created in VNet2

You need to link VNet2 to Circuit1.

What should you create in each subscription? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Sub1:

- A new ExpressRoute circuit
- An ExpressRoute circuit connection
- An ExpressRoute circuit connection authorization

Sub2:

- A new ExpressRoute circuit
- An ExpressRoute circuit connection
- An ExpressRoute circuit connection authorization

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 32

Topic #: 1

[All AZ-700 Questions]

You have an on-premises datacenter and an Azure subscription.

You plan to implement ExpressRoute FastPath.

You need to create an ExpressRoute gateway. The solution must minimize downtime if a single Azure datacenter fails.

Which SKU should you use?

A. ErGw1AZ

B. High performance

C. Ultra performance

D. ErGw3AZ

E. ErGw2AZ

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 33

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Type	Description
VWAN1	Azure Virtual WAN	Standard Virtual WAN
Hub1	Azure Virtual WAN hub	Hub for VWAN1
VNet1	Virtual network	Connected to Hub1
VNet2	Virtual network	Connected to Hub1
VNet3	Virtual network	Peered with VNet2
NVA1	Virtual machine	Hosts a routing appliance deployed to VNet2

You establish BGP peering between NVA1 and Hub1.

You need to implement transit connectivity between VNet1 and VNet3 via Hub1 by using BGP peering. The solution must minimize costs.

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

NOTE: Each correct selection is worth one point.

Answer Area

On Hub1, propagate routes from connections to VNet1 and VNet2 to:

- A custom route table and associate the routes with the defaultRouteTable
- A custom route table and associate the routes with the same custom route table
- The defaultRouteTable and associate the routes with the defaultRouteTable

On VNet3, implement:

- Azure Route Server on a dedicated subnet
- Azure VPN Gateway on a dedicated subnet
- User-defined routes

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 34

Topic #: 1

[All AZ-700 Questions]

You have an Azure subscription that contains an ExpressRoute Standard gateway named GW1.

You need to upgrade GW1 to support ExpressRoute FastPath. The solution must minimize downtime.

Which SKU should you use?

A. Ultra performance

B. ErGw3AZ

C. ErGw2AZ

D. High performance

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 35

Topic #: 1

[All AZ-700 Questions]

HOTSPOT

-

Your on-premises network uses an IP address range of 10.1.0.0 to 10.1.255.255.

You plan to deploy a new Azure virtual network solution that will include the following elements:

- A virtual network named VNet1
- A Site-to-Site (S2S) VPN connection between VNet1 and the on-premises network
- GatewaySubnet in VNet1, which will be used as a route-based virtual network gateway

You need to recommend which subnet masks to assign to VNet1 and GatewaySubnet. The solution must meet the following requirements:

- Maximize the number of available IP addresses on VNet1.
- Minimize the number of available IP addresses on GatewaySubnet.

Which address spaces should you assign to VNet1 and GatewaySubnet? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

VNet1:
- 10.0.0.0/8
- 10.0.0.0/16
- 10.0.0.0/24
- 10.0.0.0/27

GatewaySubnet:
- 10.0.0.0/16
- 10.0.0.0/24
- 10.0.0.0/27
- 10.0.0.0/29

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

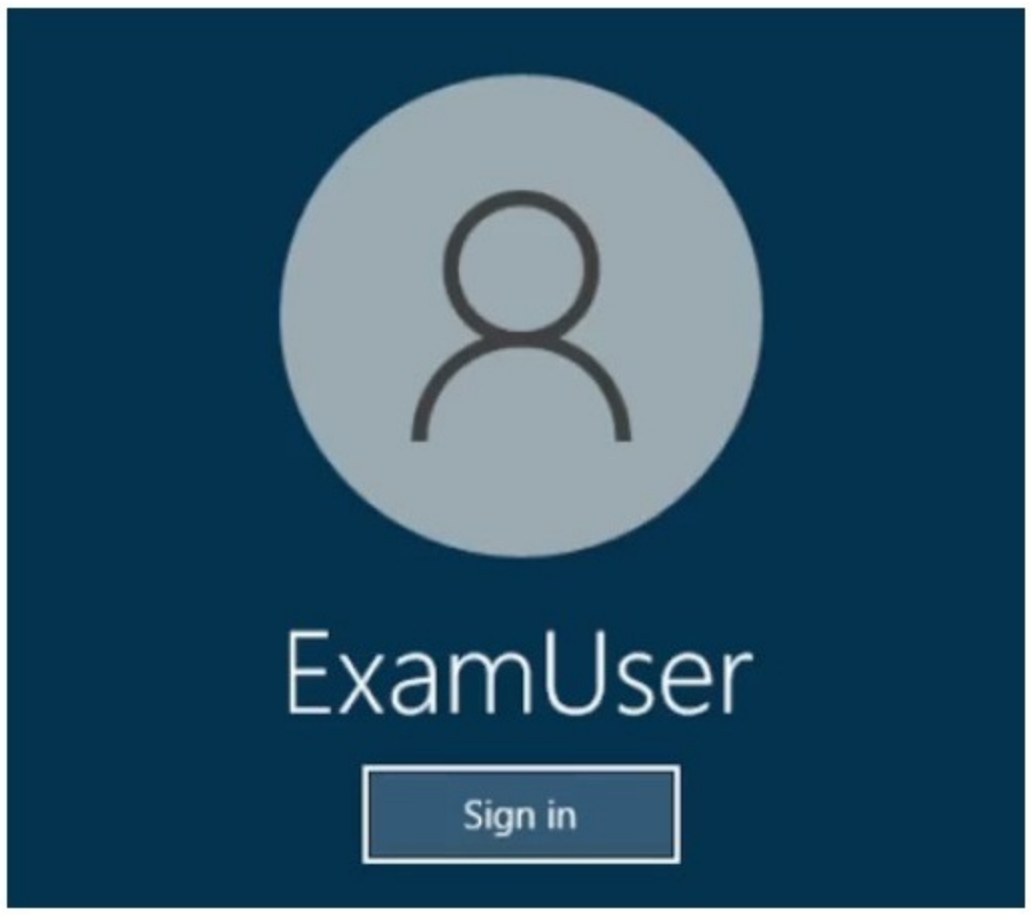
Question #: 36

Topic #: 1

[All AZ-700 Questions]

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 have two servers that are each hosted by a separate service provider in New York and California. The server hosted in New York is accessible by using a host name of ny.contoso.com. The server hosted in California is accessible by using a host name of ca.contoso.com.

You need to implement an Azure solution to route users to the server that has the lowest latency. The solution must minimize costs.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 1

Topic #: 2

[All AZ-700 Questions]

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 2

Topic #: 2

[All AZ-700 Questions]

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 enable BGP on the gateway of Vnet1.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

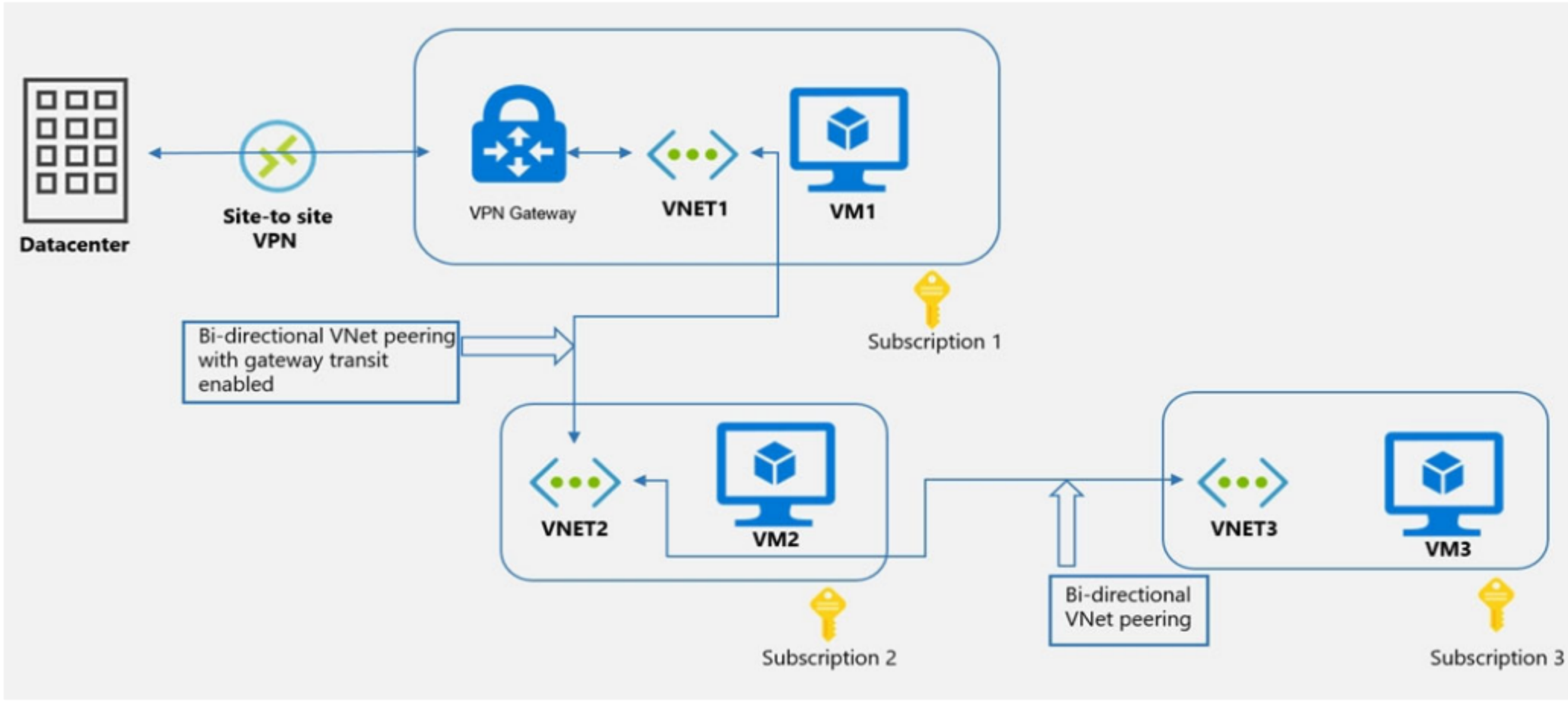
Question #: 3

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

You have the 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.

Hot Area:

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 4

Topic #: 2

[All AZ-700 Questions]

You plan to deploy 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. Azure Bastion

B. Azure Active Directory Domain Services (Azure AD DS)

C. Azure Private Link

D. Azure Application Gateway v2

E. VPN gateway

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 5

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

You have an Azure private DNS zone named contoso.com that is linked to the virtual networks shown in the following table.

Name	IP address
Vnet1	10.1.0.0/16
Vnet2	10.2.0.0/16

The links have auto registration enabled.

You create the virtual machines shown in the following table.

Name	IP address
VM1	10.1.10.10
VM2	10.2.10.10
VM3	10.2.10.11

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 if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
VM2 will resolve vm1.contoso.com to 10.1.10.10	◯	◯
Deleting VM1 will delete all VM1 records automatically	◯	◯
Changing the IP address of VM3 will update the DNS record of VM3 automatically	◯	◯

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 6
Topic #: 2
[All AZ-700 Questions]

HOTSPOT -
Your company has an Azure virtual network named Vnet1 that uses an IP address space of 192.168.0.0/20. Vnet1 contains a subnet named Subnet1 that uses an IP address space of 192.168.0.0/24.
You create an IPv6 address range to Vnet1 by using a CIDR suffix of /48.
You need to enable the virtual machines on Subnet1 to communicate with each other by using IPv6 addresses assigned by the company. The solution must minimize the number of additional IPv4 addresses.
What should you do? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Create an IPv6 subnet that uses a CIDR suffix of: ▼
- /20
- /24
- /48
- /64

For each virtual machine, create an additional: ▼
- IP configuration
- NIC
- Public IPv6 address

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 7

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

You plan to deploy Azure Virtual WAN.

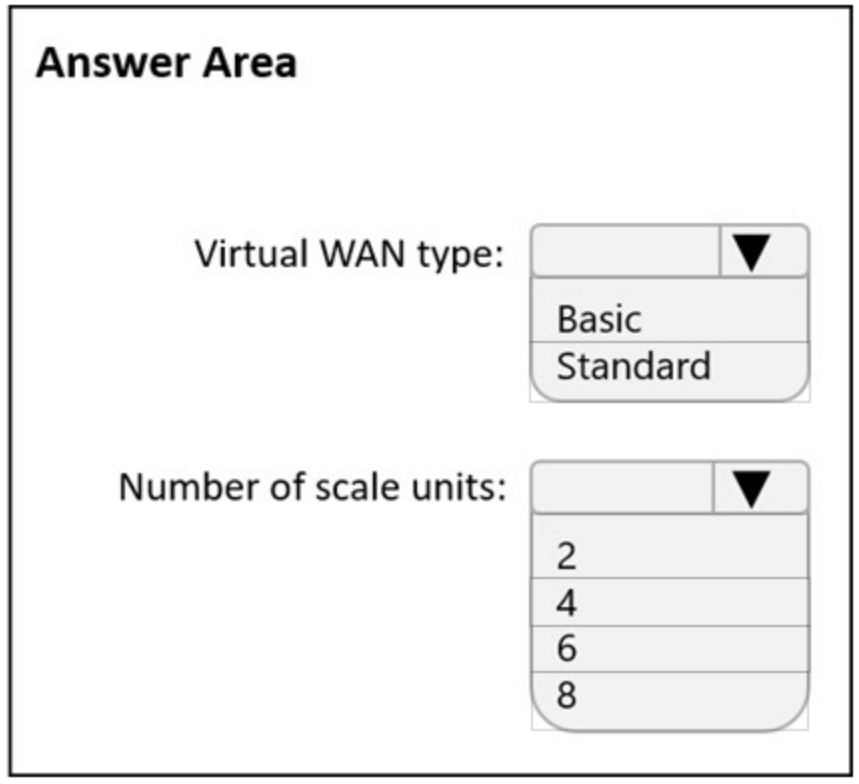
You need to deploy a virtual WAN hub that meets the following requirements:

- ✑ 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.

Hot Area:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 8

Topic #: 2

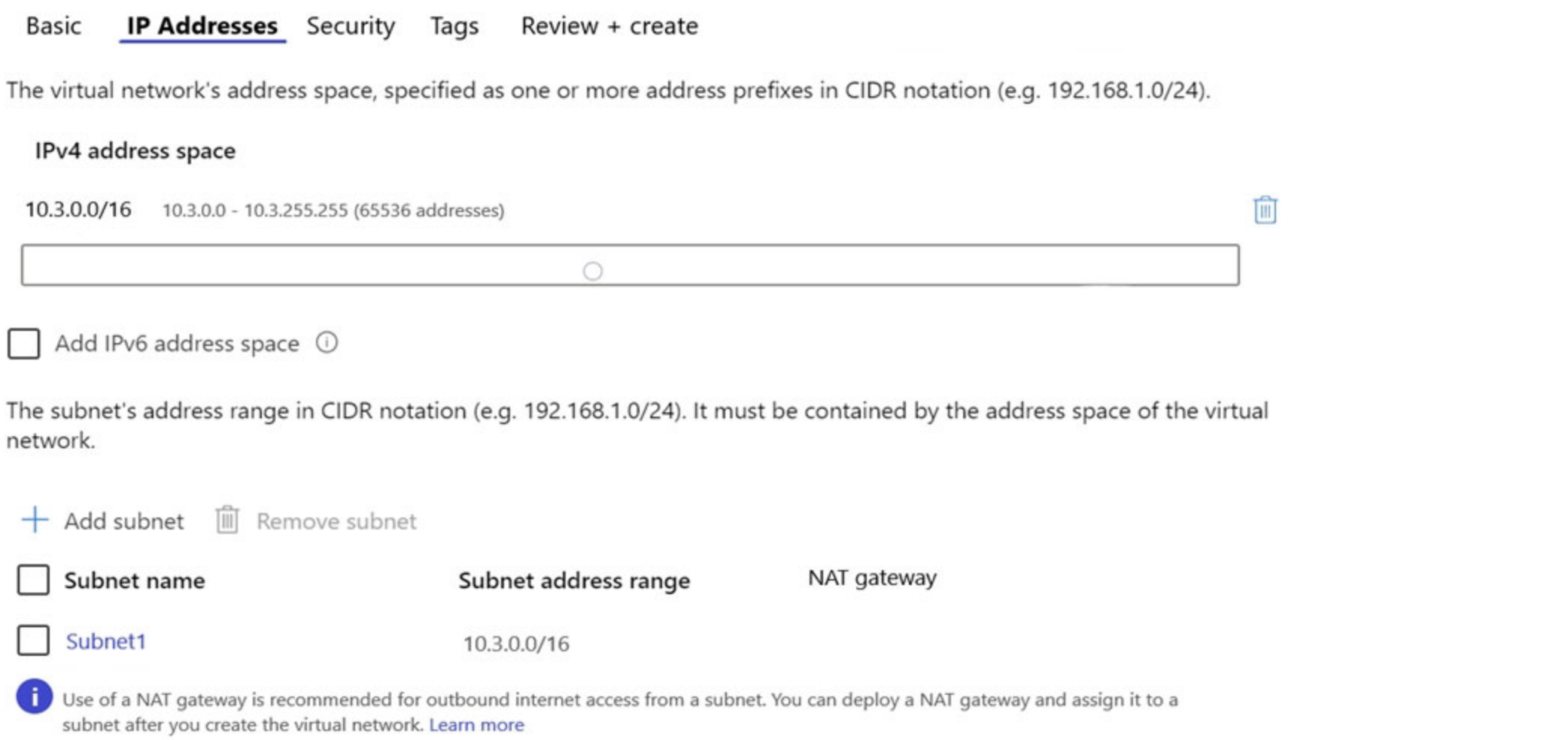
[All AZ-700 Questions]

DRAG DROP -

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

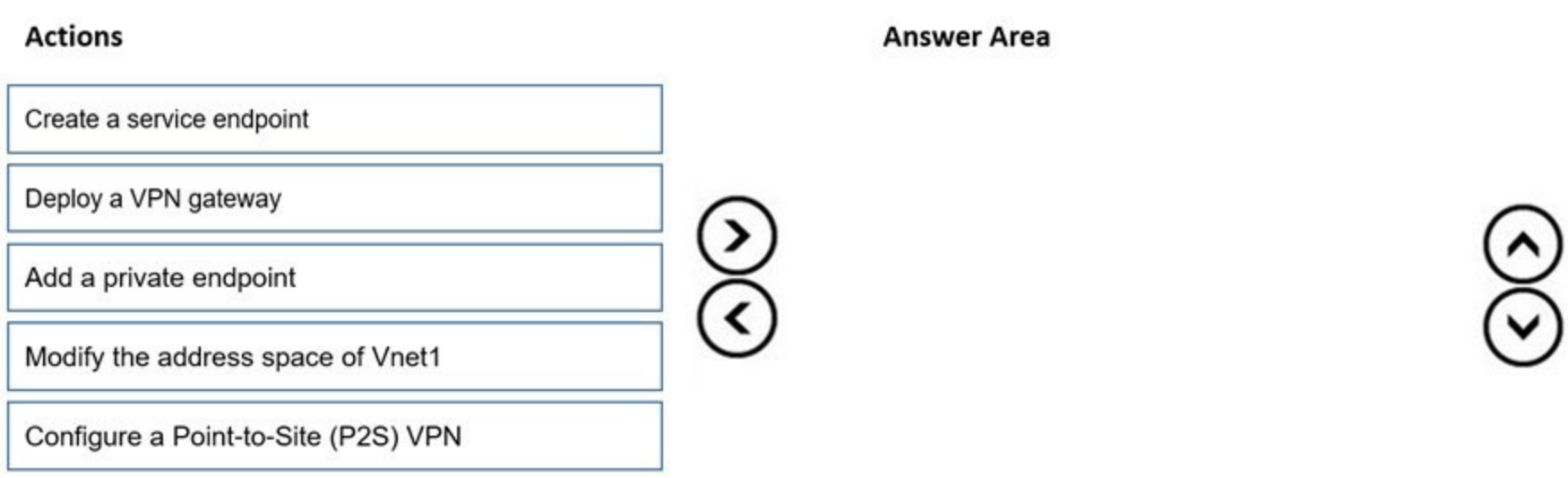
The IP Addresses settings for Vnet1 are configured as shown in the exhibit.



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.

Select and Place:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 9

Topic #: 2

[All AZ-700 Questions]

DRAG DROP -

You have Azure virtual networks named Hub1 and Spoke1. Hub1 connects to an on-premises network by using a Site-to-Site VPN connection.

You are implementing peering between Hub1 and Spoke1.

You need to ensure that a virtual machine connected to Spoke1 can connect to the on-premises network through Hub1.

How should you complete the PowerShell script? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Values

- -AllowForwardedTraffic
- -AllowGatewayTransit
- -UseRemoteGateways

Answer Area

```
$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"
$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"
Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork $hub
      -RemoteVirtualNetworkId $spoke.id  [ Value ]
Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
      -RemoteVirtualNetworkId $hub.id  [ Value ]
```

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 10

Topic #: 2

[All AZ-700 Questions]

DRAG DROP -

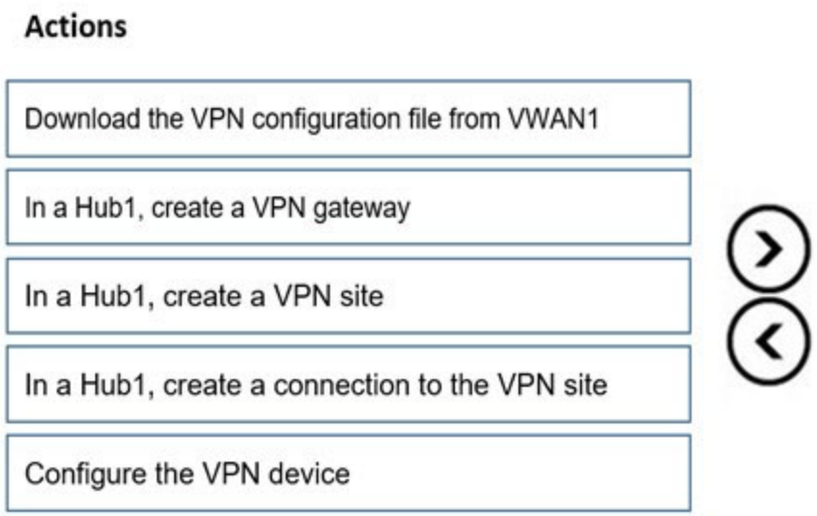
You have three on-premises sites. Each site has a third-party VPN device.

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.

Select and Place:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 11

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

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.

Hot Area:

Answer Area

Virtual Networks:	1 2 3 4
Subnets:	1 2 3 4

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 12

Topic #: 2

[All AZ-700 Questions]

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 download and reinstall the VPN client configuration.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 13
Topic #: 2
[All AZ-700 Questions]

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. Modify the DNS server settings of Vnet1.

B. For FW1, configure custom DNS server.

C. For FW1, enable DNS proxy.

D. On the on-premises DNS servers, configure forwarders that point to the frontend IP address of FW1.

E. On the on-premises DNS servers, configure forwarders that point to the Azure provided DNS service at 168.63.129.16.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 14

Topic #: 2

[All AZ-700 Questions]

You are planning the IP addressing for the subnets in Azure virtual networks.

Which type of resource requires IP addresses in the subnets?

A. internal load balancers

B. storage account

C. Azure Virtual Networks NAT

D. service endpoint policies

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 15

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

You have an Azure subscription.

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

Name	Number of users	Connection type to Azure
Site 1	500	ExpressRoute
Site 2	100	Site-to-Site VPN
Site 3	1	Point-to-Site (P2S) VPN

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.

Hot Area:

Answer Area

Virtual WAN Basic:

- Site2 only
- Site3 only
- Site2 and Site3 only
- Site1, Site2, and Site3

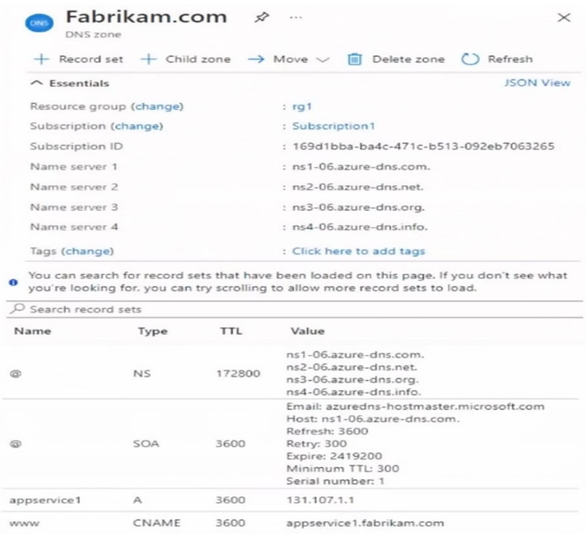
Virtual WAN Standard:

- Site1 only
- Site1 and Site3 only
- Site2 and Site3 only
- Site1, Site2, and Site3

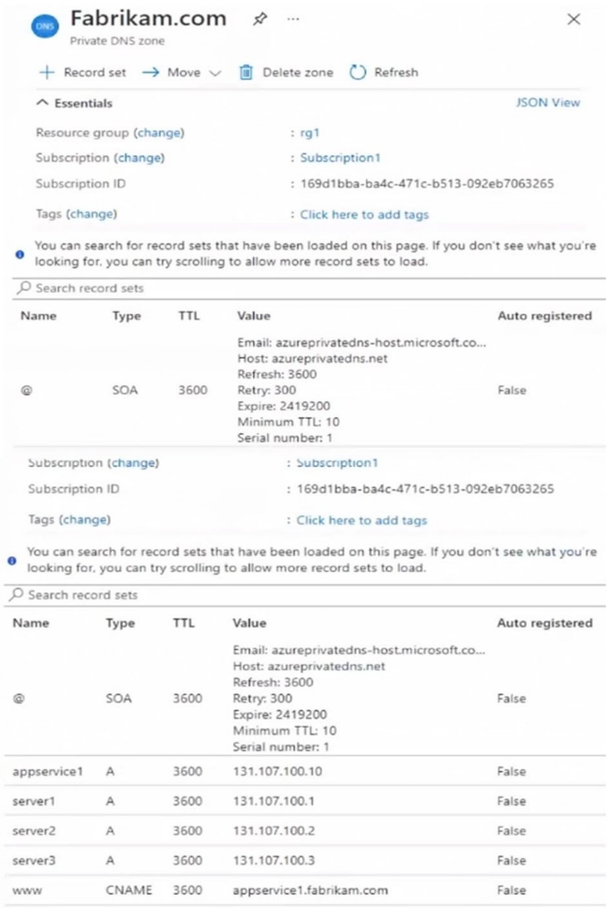
Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 16
Topic #: 2
[All AZ-700 Questions]

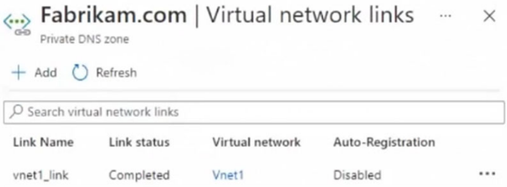
HOTSPOT -
You have an Azure subscription that contains two virtual networks named Vnet1 and Vnet2.
You register a public DNS zone named fabrikam.com. The zone is configured as shown in the Public DNS Zone exhibit.



You have a private DNS zone named fabrikam.com. The zone is configured as shown in the Private DNS Zone exhibit.



You have a virtual network link configured as shown in the Virtual Network Link 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
Queries for www. fabrikam.com from the internet are resolved to 131.107.1.1.	○	○
Queries for server1.fabrikam.com can be resolved from the internet.	○	○
Queries for www. fabrikam.com from Vnet2 are resolved to 131. 107.100. 10.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 17
Topic #: 2
[All AZ-700 Questions]

HOTSPOT -
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 App1 or App2.
What should you identify? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Minimum number of subnets:

1
2
6
12

Minimum number of Virtual Network NAT instances:

1
2
6
12

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 18

Topic #: 2

[All AZ-700 Questions]

HOTSPOT -

You have the Azure resources shown in the following table.

Name	Type	Location
Vnet1	Virtual network	East US
Vnet1\Subnet1	Subnet	East US
Vnet1\GatewaySubnet	Subnet	East US
Vnet2	Virtual network	West US
Vnet2\Subnet1	Subnet	West US
Vnet2\GatewaySubnet	Subnet	West US
WebApp1	Azure App Service web app	East US

WebApp1 uses the Standard pricing tier.

You need to ensure that WebApp1 can access the virtual machines deployed to Vnet1\Subnet1 and Vnet2\Subnet1. The solution must minimize costs.

What should you create in each virtual network? To answer, select the appropriate options in the answer area.

Hot Area:

Answer Area:

Vnet1:

- An additional subnet
- A peering connection
- A private endpoint
- A VPN gateway

Vnet2:

- An additional subnet
- A peering connection
- A private endpoint
- A VPN gateway

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

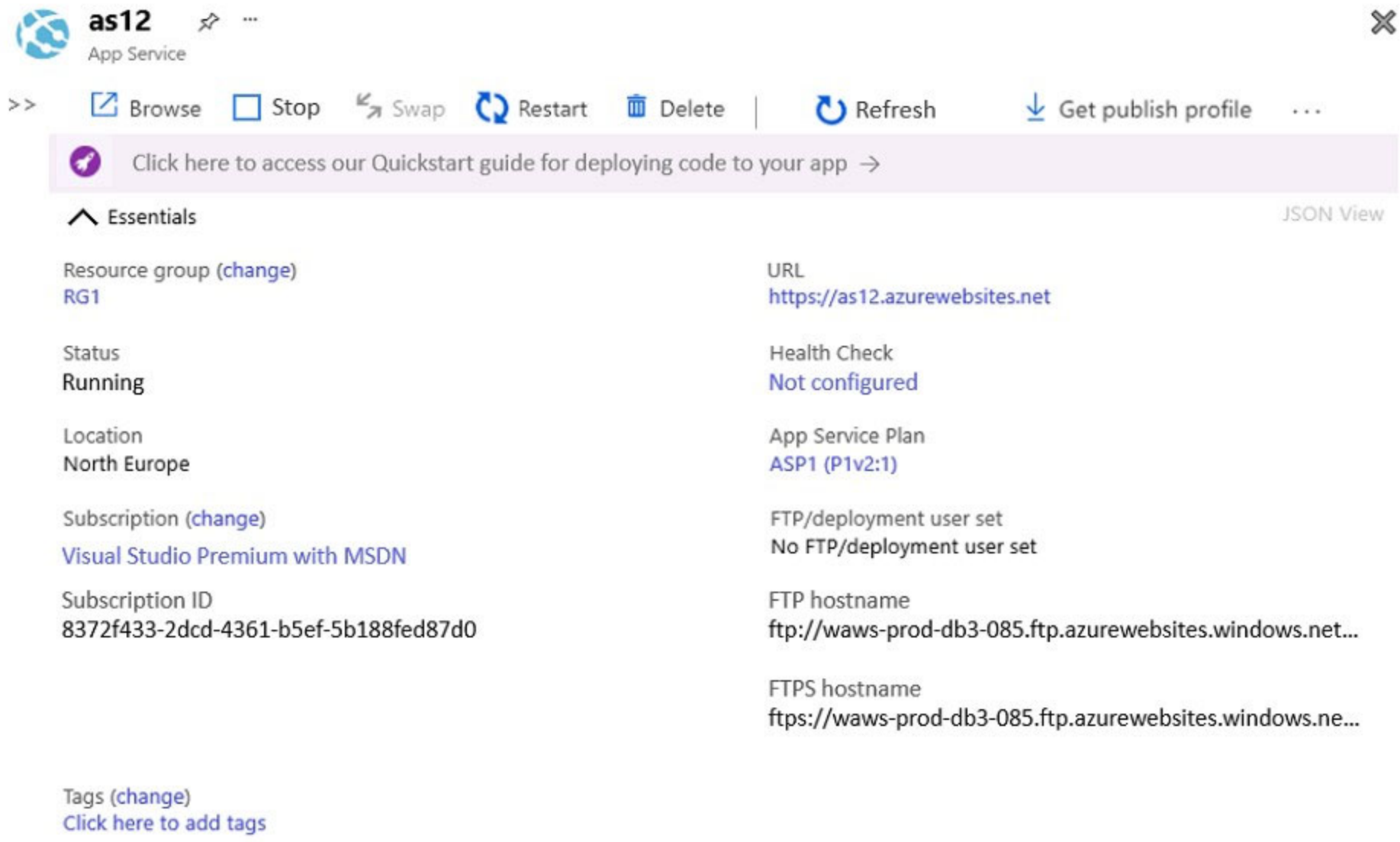
Question #: 19

Topic #: 2

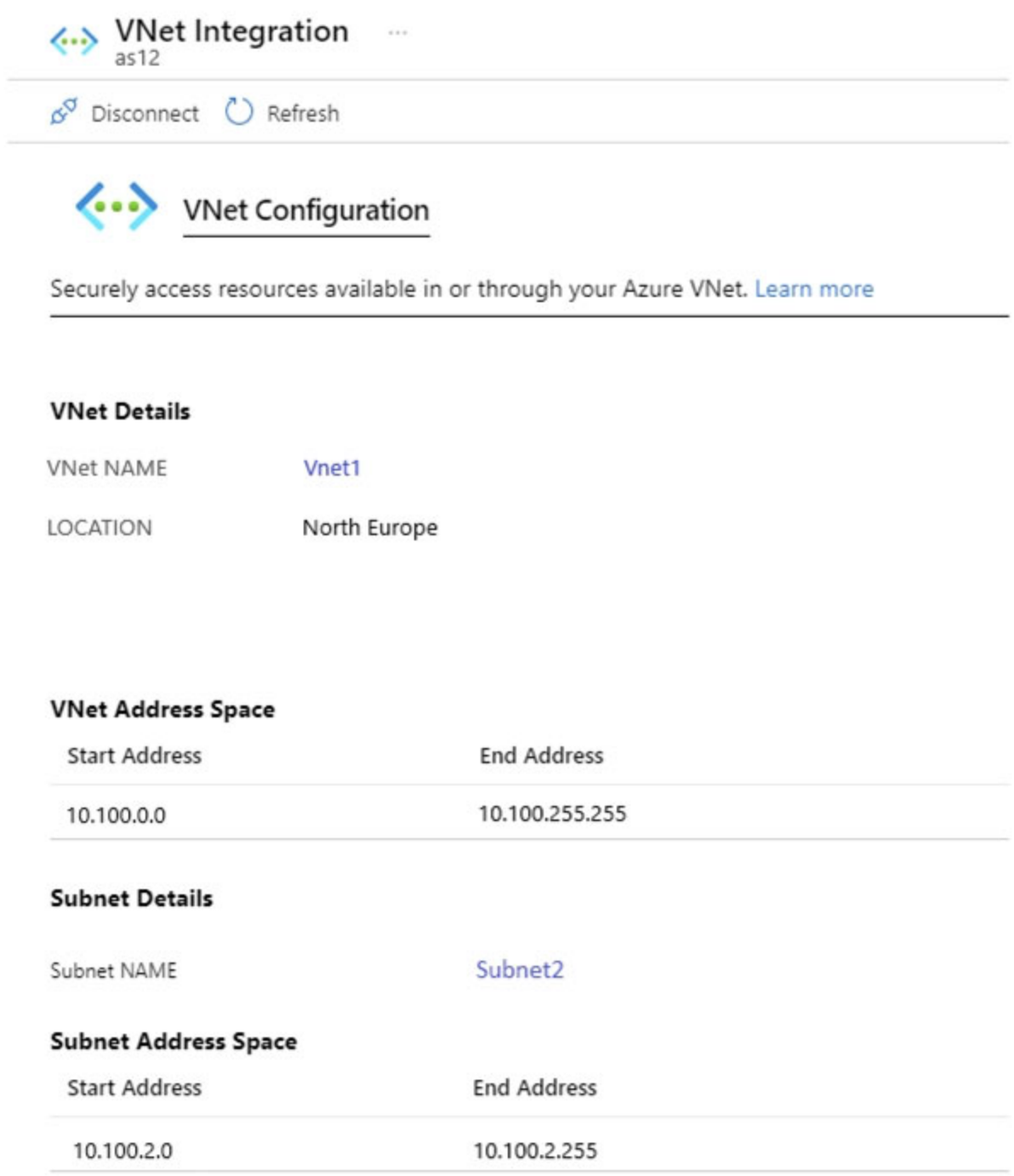
[All AZ-700 Questions]

HOTSPOT -

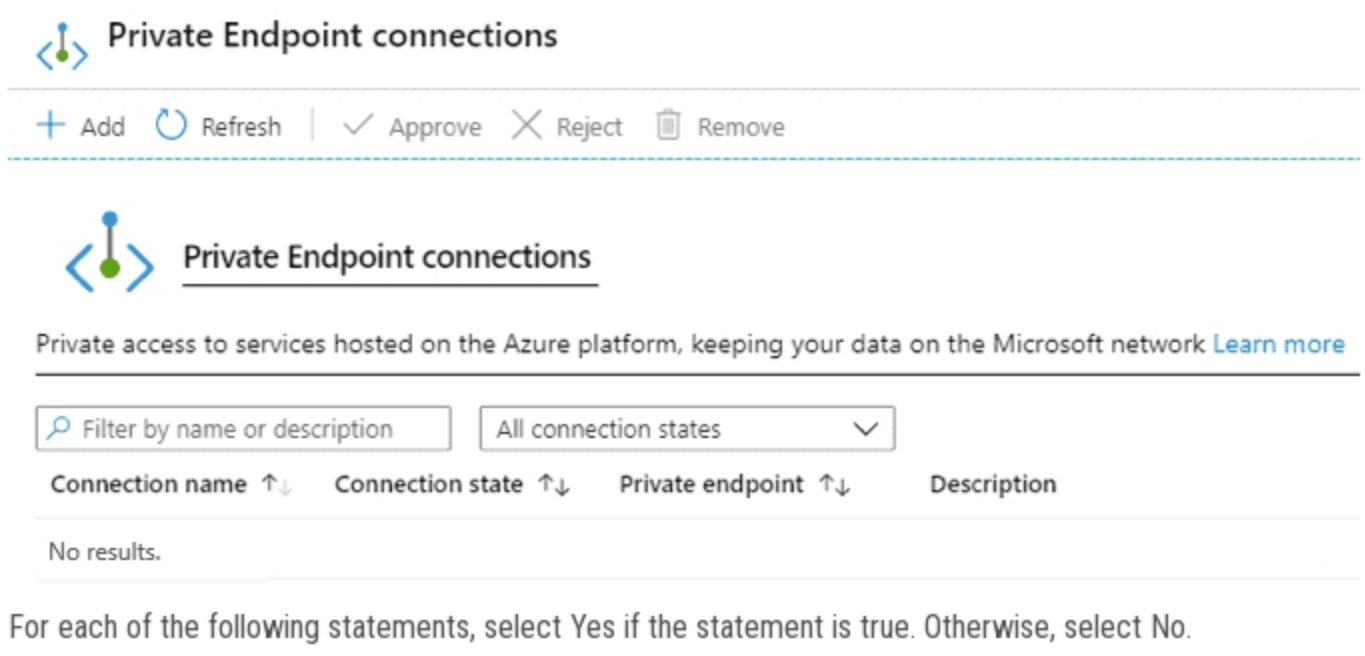
You have the Azure App Service app shown in the App Service exhibit.



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.

Hot Area:

Answer Area

Statements	Yes	No
Subnet2 can contain only App Service apps in the ASP1 App Service plan	○	○
As12 will use an IP address from Subnet2 for network communications	○	○
Computers in Vnet1 will connect to a private IP address when they connect to as12	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 20
Topic #: 2
[All AZ-700 Questions]

You have a hub-and-spoke topology. The topology includes multiple on-premises locations that connect to a hub virtual network in Azure via ExpressRoute circuits.
You have an Azure Application Gateway named GW1 that provides a single point of ingress from the internet.
You plan to migrate the hub-and-spoke topology to Azure Virtual WAN.
You need to identify which changes must be applied to the existing topology. The solution must ensure that you maintain a single point of ingress from the internet.
Which three changes should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Add user-defined routes.

B. Add virtual network peerings.

C. Replace the user-defined routes used by the current topology.

D. Create virtual network connections.

E. Remove the existing virtual network peerings.

F. Redeploy GW1.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 21

Topic #: 2

[All AZ-700 Questions]

You have an application named App1 that listens for incoming requests on a preconfigured group of 50 TCP ports and UDP ports.

You install App1 on 10 Azure virtual machines.

You need to implement load balancing for App1 across all the virtual machines. The solution must minimize the number of load balancing rules.

What should you include in the solution?

A. Azure Application Gateway V2 that has multiple listeners

B. Azure Standard Load Balancer that has Floating IP enabled

C. Azure Standard Load Balancer that has high availability (HA) ports enabled

D. Azure Application Gateway v2 that has multiple site hosting enabled

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 22

Topic #: 2

[All AZ-700 Questions]

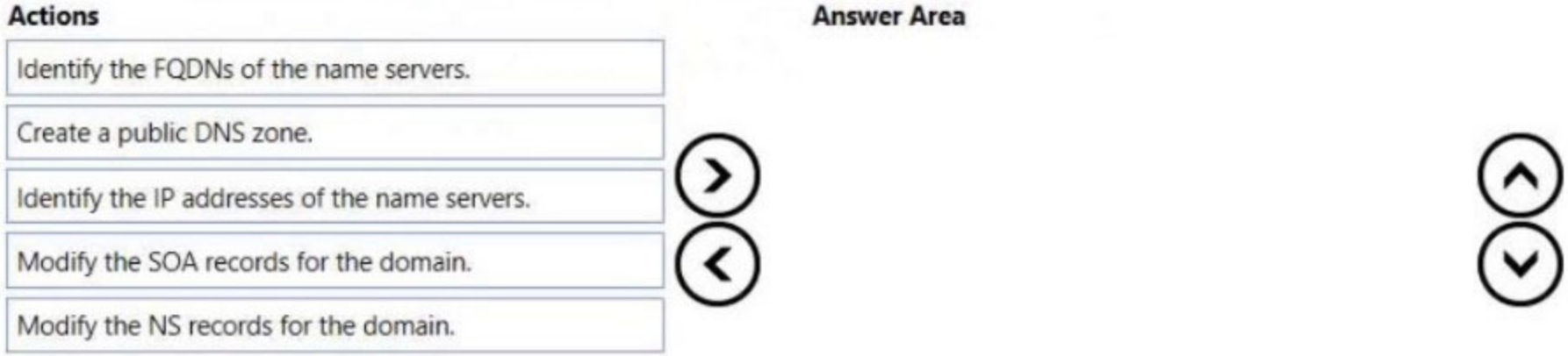
DRAG DROP -

You register a DNS domain with a third-party registrar.

You need to host the DNS zone on Azure.

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.

Select and Place:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

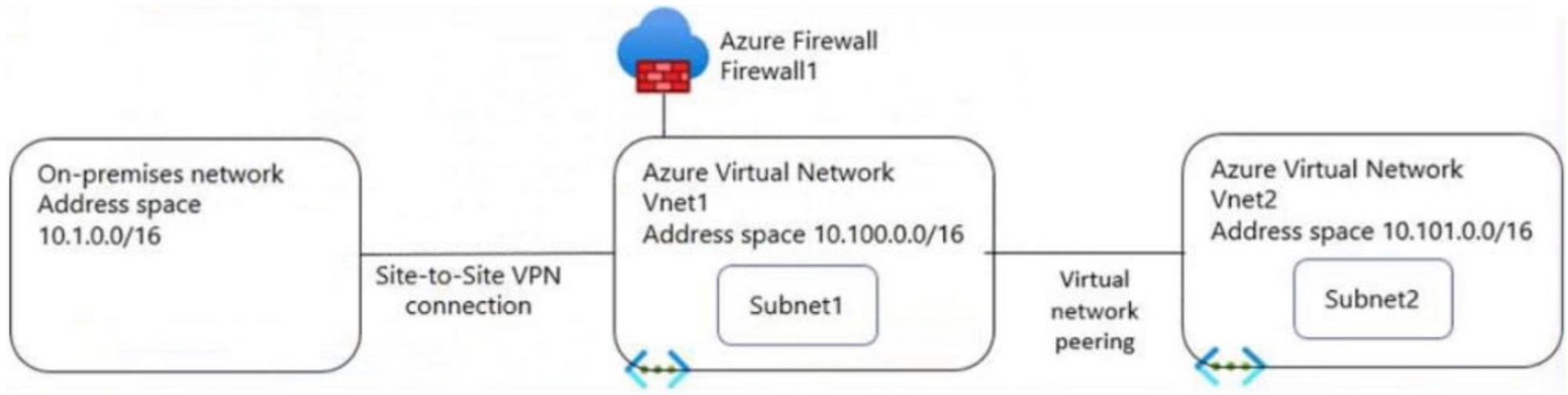
Question #: 23

Topic #: 2

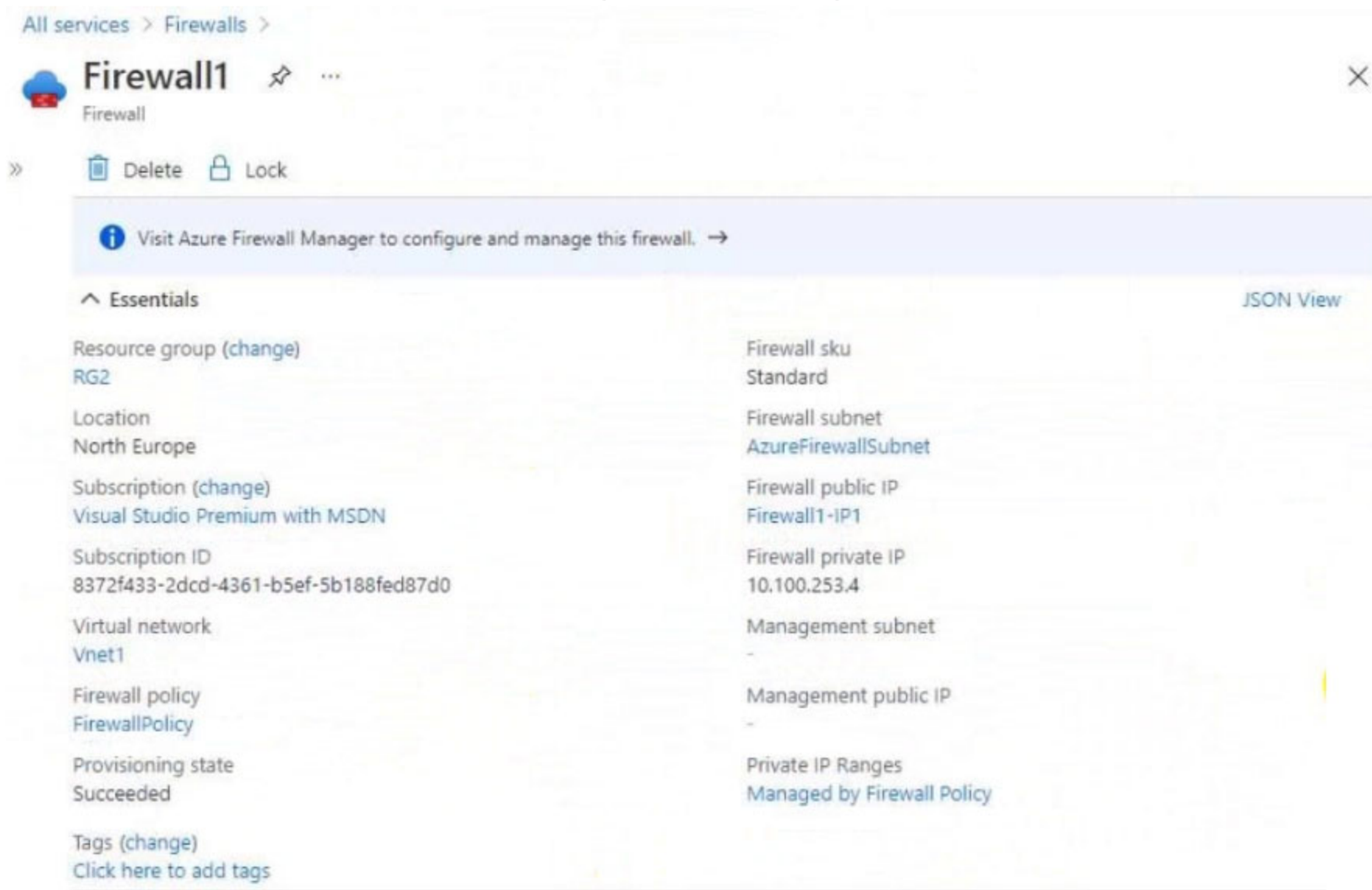
[All AZ-700 Questions]

HOTSPOT -

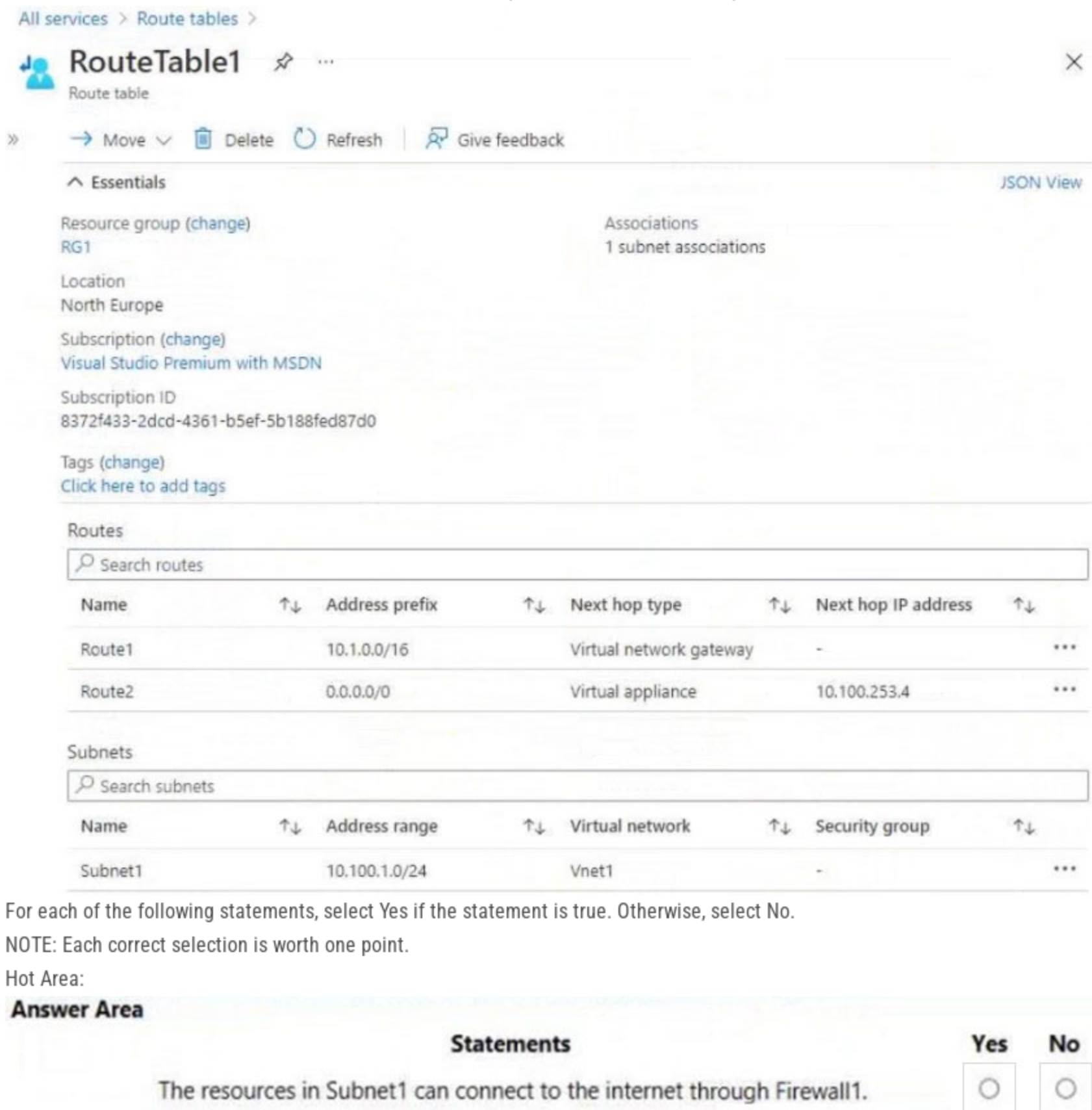
You have the network topology shown in the Topology exhibit. (Click the Topology tab.)



You have the Azure firewall shown in the Firewall1 exhibit. (Click the Firewall1 tab.)



You have the route table shown in the RouteTable1 exhibit. (Click the RouteTable1 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.

Hot Area:

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	○	○
The resources in Subnet1 can connect to the resources in Vnet2.	○	○
The resources in Subnet2 can connect to the internet through Firewall1.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 24

Topic #: 2

[All AZ-700 Questions]

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 resize the gateway of Vnet1 to a larger SKU.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 25

Topic #: 2

[All AZ-700 Questions]

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

Name	In resource group	Location
Vnet1	RG1	West US
Vnet2	RG1	Central US
Vnet3	RG2	Central US
Vnet4	RG2	West US
Vnet5	RG3	East US

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 and Vnet4 only

B. Vnet1, Vnet2, Vnet3, and Vnet4

C. Vnet1 only

D. Vnet1 and Vnet2 only

E. Vnet1, Vnet2, and Vnet4 only

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 26

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

You have two Azure App Service instances that host the web apps shown the following table.

Name	Web app URLs
As1.contoso.com	https://app1.contoso.com/ https://app2.contoso.com/
As2.contoso.com	https://app3.contoso.com/ https://app4.contoso.com/

You deploy an Azure 2 that has one public frontend IP address and two backend pools.

You need to publish all the web apps to the application gateway. Requests must be routed based on the HTTP host headers.

What is the minimum number of listeners and routing rules you should configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Listeners: 0 1 2 3 4

Routing rules: 0 1 2 3 4

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 27

Topic #: 2

[All AZ-700 Questions]

Your company has four branch offices and an Azure subscription. The subscription contains an Azure VPN gateway named GW1.

The branch offices are configured as shown in the following table.

Name	Local router	Local network gateway	Connection	VPN gateway
Branch1	RTR1	LNG1	Connection1	GW1
Branch2	RTR2	LNG2	Connection2	GW1
Branch3	RTR3	LNG3	Connection3	GW1
Branch4	RTR4	LNG4	Connection4	GW1

The branch office routers provide internet connectivity and Site-to-Site VPN connections to GW1.

The users in Branch1 report that they can connect to internet resources, but cannot access Azure resources.

You need to ensure that the Branch1 users can connect to the Azure resources. The solution must meet the following requirements:

- Minimize downtime for all users.
- Minimize administrative effort.

What should you do first?

A. Recreate LNG1.

B. Reset RTR1.

C. Reset Connection1.

D. Reset GW1.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 28
Topic #: 2
[All AZ-700 Questions]

DRAG DROP
-

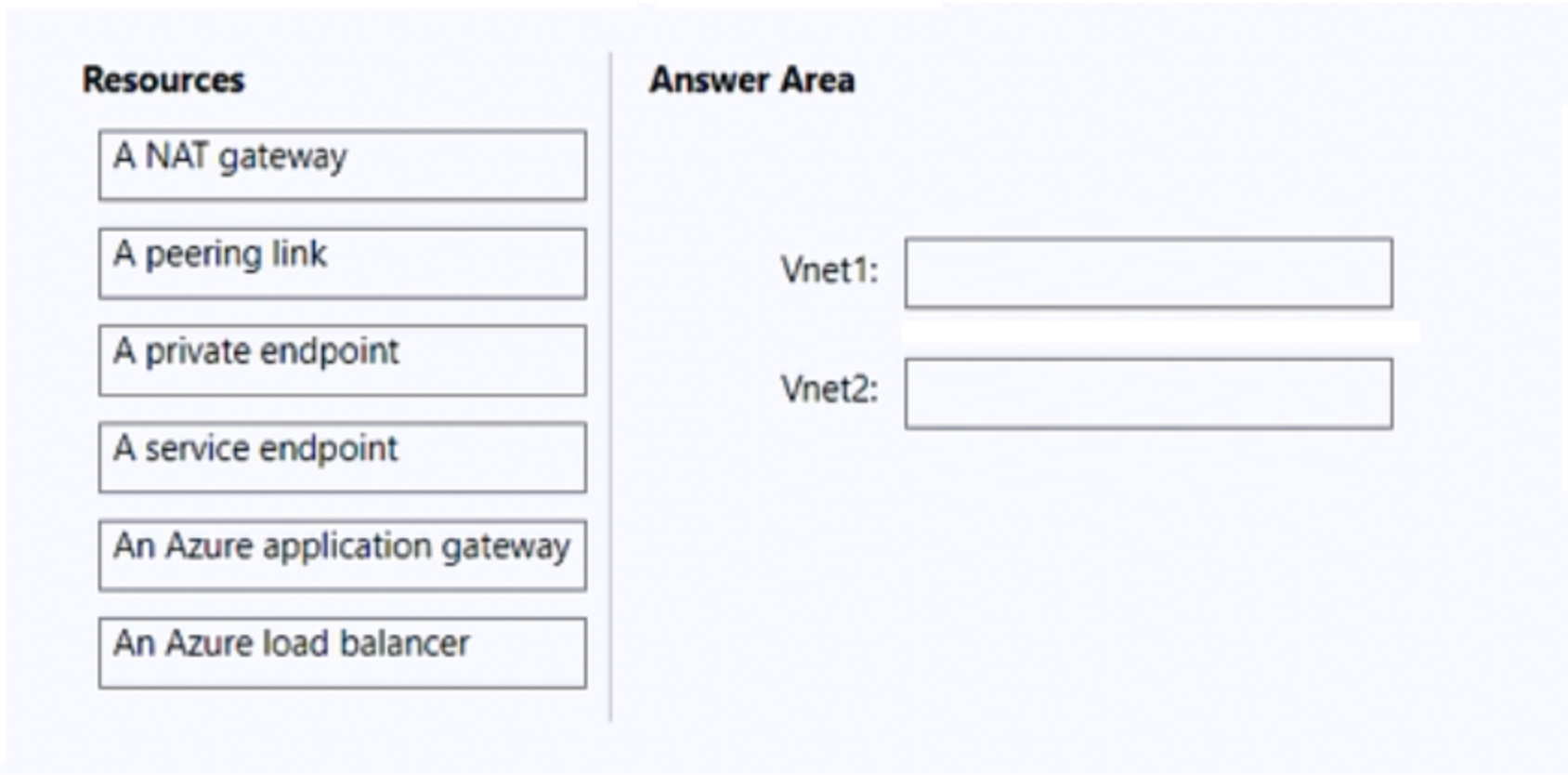
You have an Azure subscription that contains a virtual network named Vnet1 and an Azure SQL database named SQL1. SQL1 has a private endpoint on Vnet1.

You have a partner company named Fabrikam, Inc. Fabrikam has an Azure subscription that contains a virtual network named Vnet2 and a virtual machine named VM1. VM1 is connected to Vnet2.

You need to provide VM1 with access to SQL1 by using an Azure Private Link service.

What should you implement on each virtual network? To answer, drag the appropriate resources to the correct virtual networks. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 29

Topic #: 2

[All AZ-700 Questions]

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

Name	Type	Description
Vnet1	Virtual network	*None*
Subnet1	Virtual subnet	Hosted in Vnet1
GatewaySubnet	Virtual subnet	Hosted in Vnet1
VM1	Virtual machine	Connected to Subnet1 Basic SKU public IP address
VM2	Virtual machine	Connected to Subnet2 Standard SKU public IP address

You plan to deploy an Azure Virtual Network NAT gateway named Gateway1. The solution must meet the following requirements:

- VM1 will access the internet by using its public IP address.
- VM2 will access the internet by using its public IP address.
- Administrative effort must be minimized.

You need to ensure that you can deploy Gateway1 to Vnet1.

What is the minimum number of subnets required on Vnet1?

A. 2

B. 3

C. 4

D. 5

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 30

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Location	IP address space
Vnet1	East US 2	10.5.0.0/16
Vnet2	East US 2	10.3.0.0/16
Vnet3	East US 2	10.4.0.0/16

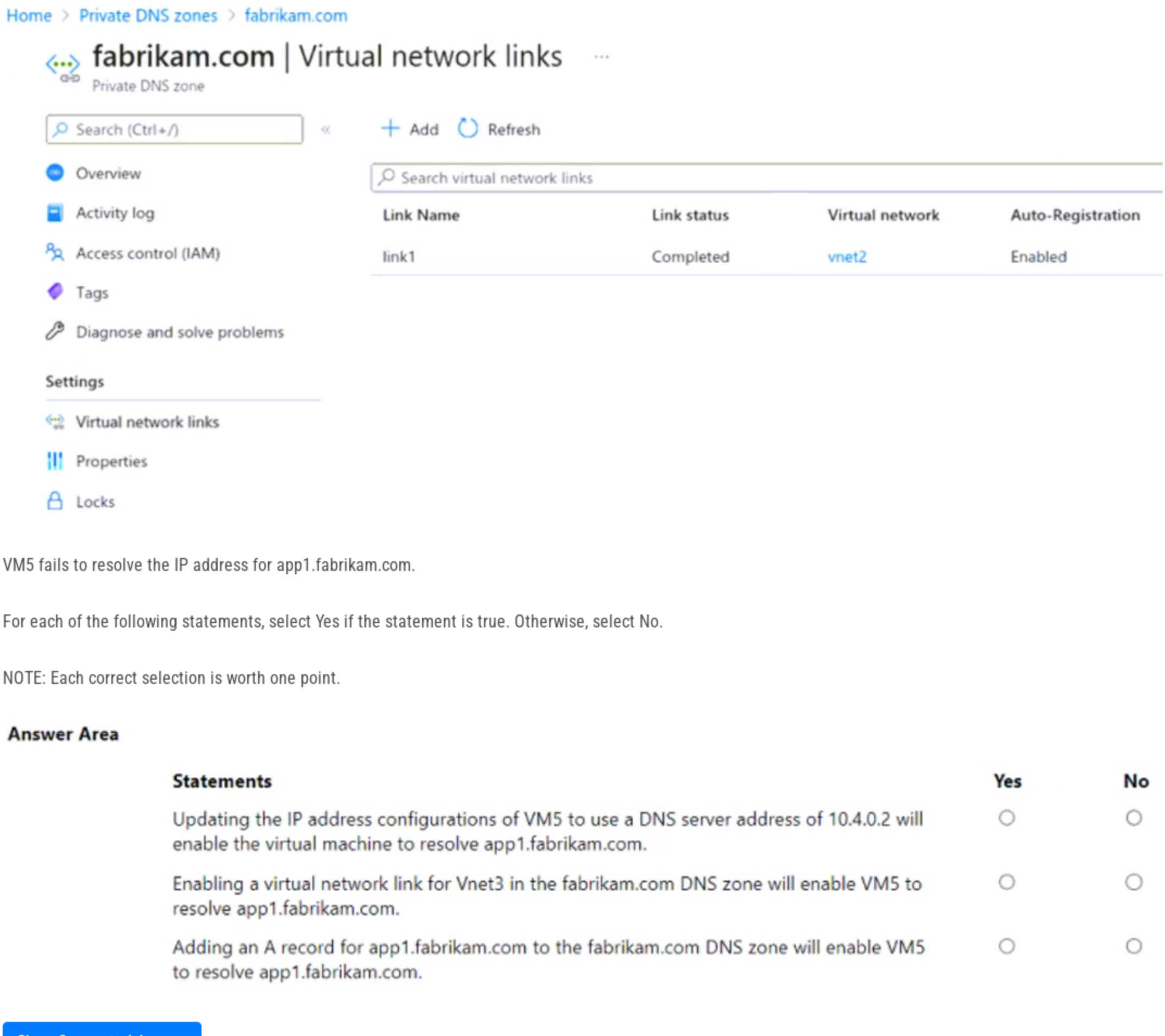
You have a virtual machine named VM5 that has the following IP address configurations:

- IP address:10.4.0.5
- Subnet mask:255.255.255.0
- Default gateway: 10.4.0.1
- DNS server: 168.63.129.16

You have an Azure Private DNS zone named fabrikam.com that contains the records shown in the following table.

Name	Type	Value
app1	CNAME	lb1.fabrikam.com
lb1	A	10.3.0.7
vm1	A	10.3.0.4

The virtual network links in the fabrikam.com DNS zone are configured as shown in the exhibit. (Click the Exhibit tab.)



VM5 fails to resolve the IP address for app1.fabrikam.com.

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
Updating the IP address configurations of VM5 to use a DNS server address of 10.4.0.2 will enable the virtual machine to resolve app1.fabrikam.com.	○	○
Enabling a virtual network link for Vnet3 in the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	○	○
Adding an A record for app1.fabrikam.com to the fabrikam.com DNS zone will enable VM5 to resolve app1.fabrikam.com.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 31

Topic #: 2

[All AZ-700 Questions]

Your company has five offices. Each office has a firewall device and a local internet connection. The offices connect to a third-party SD-WAN.

You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 contains a virtual network gateway named Gateway1. Each office connects to Gateway1 by using a Site-to-Site VPN connection.

You need to replace the third-party SD-WAN with an Azure Virtual WAN.

What should you include in the solution?

A. Delete Gateway1.

B. Create new Point-to-Site (P2S) VPN connections on the firewall devices.

C. Create an Azure Traffic Manager profile.

D. Enable active-active mode on Gateway1.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 32

Topic #: 2

[All AZ-700 Questions]

You are planning the IP addressing for the subnets in Azure virtual networks.

Which type of resource requires IP addresses in the subnets?

A. internal load balancers

B. Azure DDoS Protection for virtual networks

C. service endpoint policies

D. service endpoints

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 33
Topic #: 2
[All AZ-700 Questions]

You have an Azure subscription mat contains tour virtual networks named VNet1, VNet2, VNet3, and VNet4.

You plan to deploy a hub and spoke topology by using virtual network peering.

You need to configure VNet1 as the hub network. The solution must meet the following requirements:

• Support transitive routing between spokes.
• Maximize network throughput.

What should you include in the solution?

A. Azure VPN Gateway

B. Azure Route Server

C. Azure Private Link

D. Azure Firewall

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 34

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Location
RG1	East US
RG2	East US
RG3	UK West

You have the virtual networks shown in the following table.

Name	Location	IP address space	Resource group
Vnet1	East US	10.1.0.0/16	RG1
Vnet2	West US	10.2.0.0/16	RG2
Vnet3	UK West	10.1.0.0/16	RG3

You have the subnets shown in the following table.

Name	Virtual network	IP address range
Subnet1-1	Vnet1	10.1.1.0/24
Subnet2-1	Vnet2	10.2.1.0/24
Subnet3-1	Vnet3	10.1.1.0/24

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
Vnet1 can be moved to RG3.	○	○
Three hundred virtual machines can be deployed to the East US Azure region.	○	○
A new virtual network named Vnet2 can be created in RG2 in the East US Azure region.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 35

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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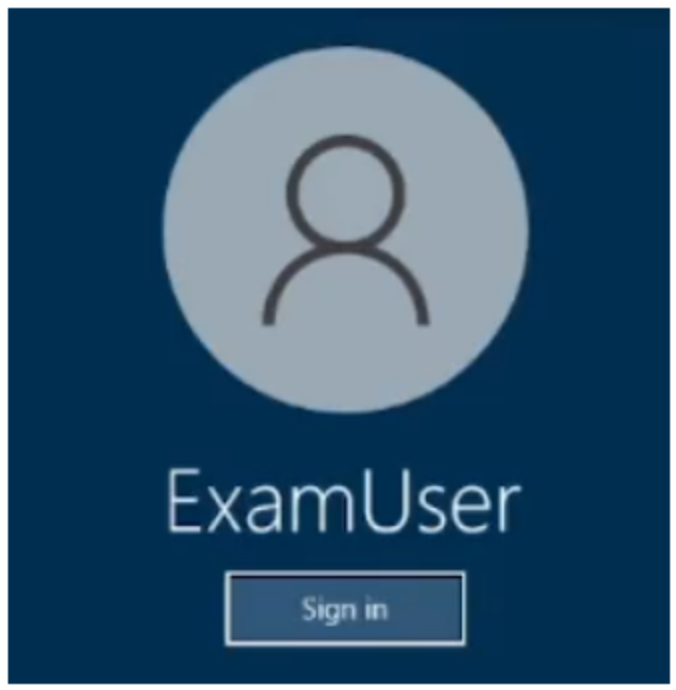

Username and password

-

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 all hosts deployed to subnet3-2 connect to the internet by using the same static public IP address. The solution must minimize administrative effort when adding hosts to the subnet.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 36

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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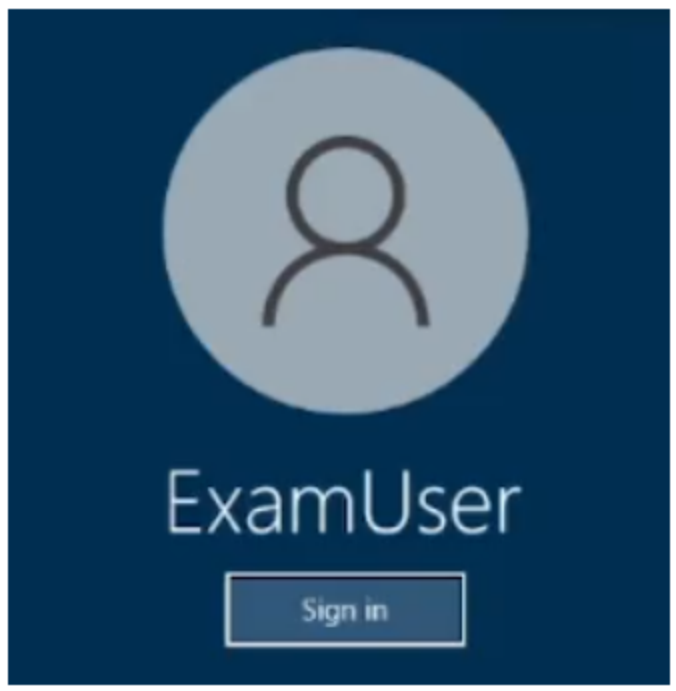

Username and password

-

Use the following login credentials as needed:

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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 subnet 4-3 can accommodate 507 hosts.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 37

Topic #: 2

[All AZ-700 Questions]

You are planning the IP addressing for the subnets in Azure virtual networks.

Which type of resource requires IP addresses in the subnets?

A. internal load balancers

B. Azure DDoS Protection for virtual networks

C. service endpoint policies

D. service endpoints

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 38

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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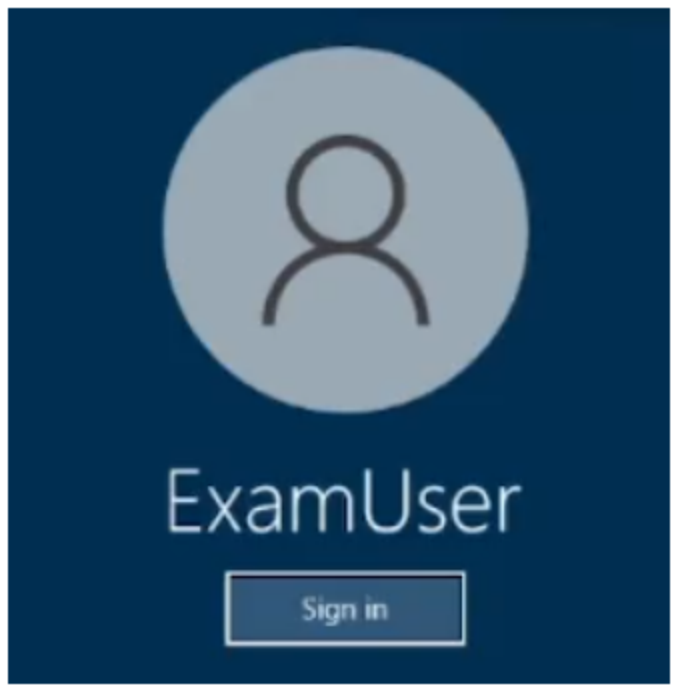

Username and password

-

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 virtual machines on VNET1 and VNET2 are included automatically in a DNS zone named contosoazure. The solution must ensure that the virtual machines on VNET1 and VNET2 can resolve the names of the virtual machines on either virtual network.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 39

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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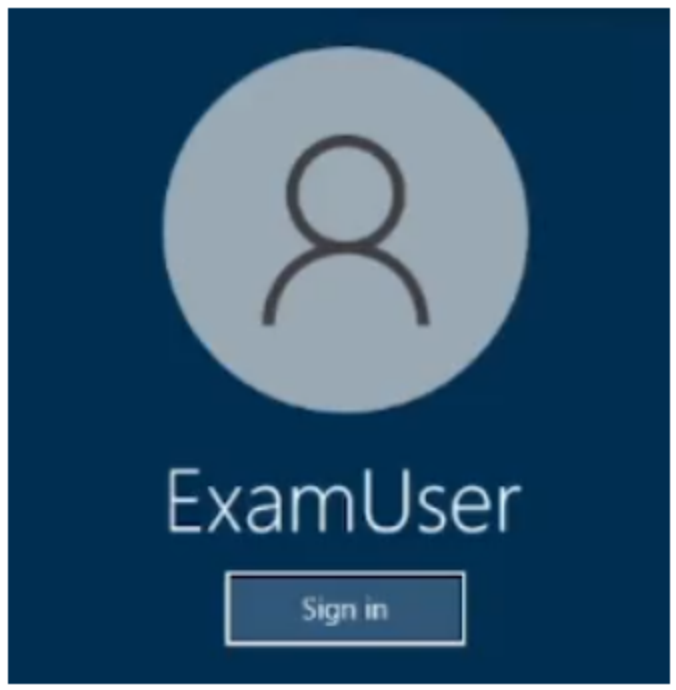

Username and password

-

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 you can deploy Azure virtual machines to the France Central Azure region. The solution must ensure that virtual machines in the France Central region are in a network segment that has an IP address range of 10.5.1.0/24.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 41

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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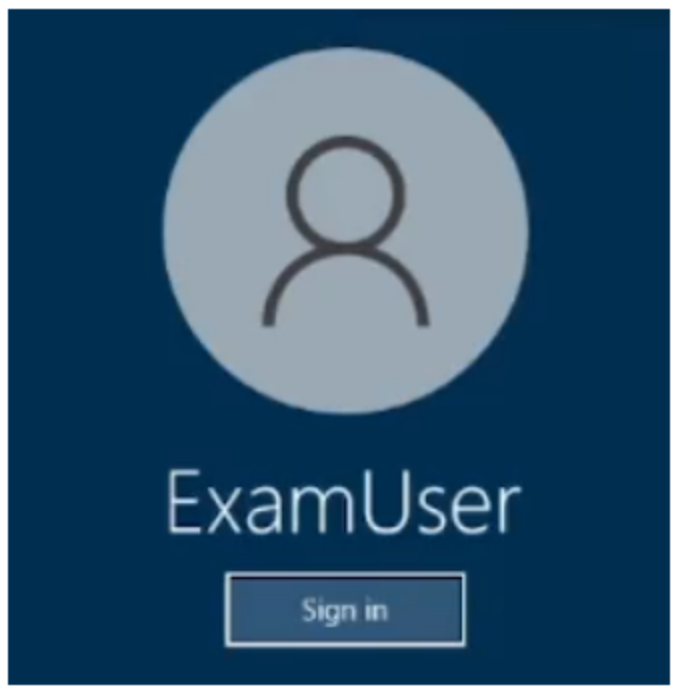

Username and password

-

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 owner of VNET3 receives an alert if an administrative operation is performed in the virtual network.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 42

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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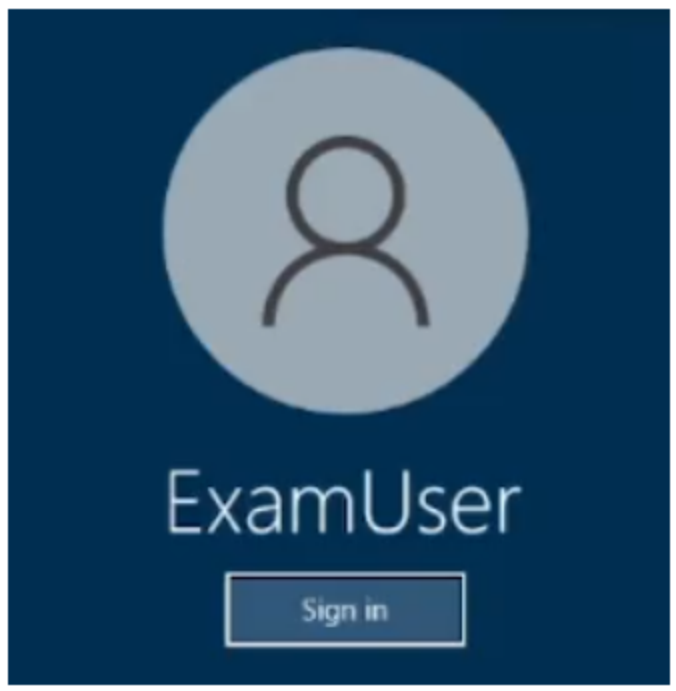

Username and password

-

Use the following login credentials as needed:

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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 archive all the metrics of VNET1 to an existing storage account.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 43

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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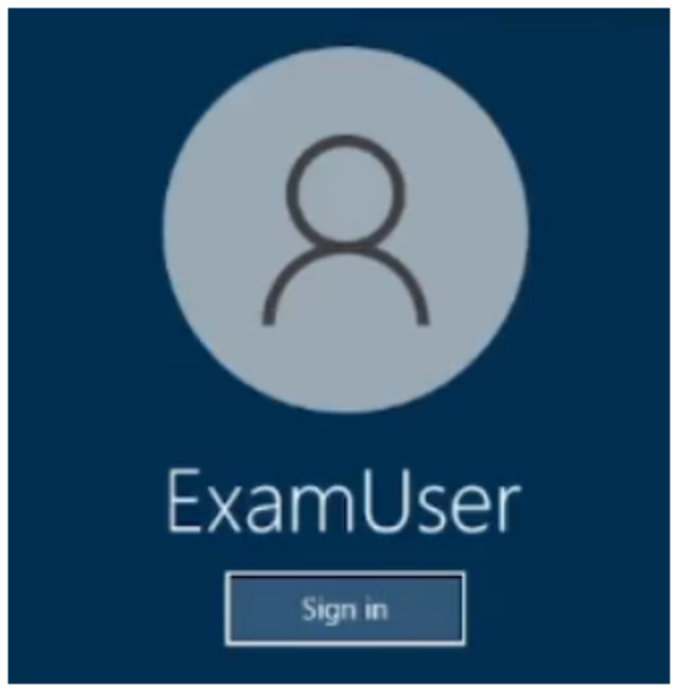

Username and password

-

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 plan to deploy 100 virtual machines to subnet-1. The virtual machines will NOT be assigned a public IP address. The virtual machines will call the same API which is hosted by a third party. The virtual machines will make more than 10,000 calls per minute to the API.

You need to minimize the risk of SNAT port exhaustion. The solution must minimize administrative effort.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 44

Topic #: 2

[All AZ-700 Questions]

SIMULATION

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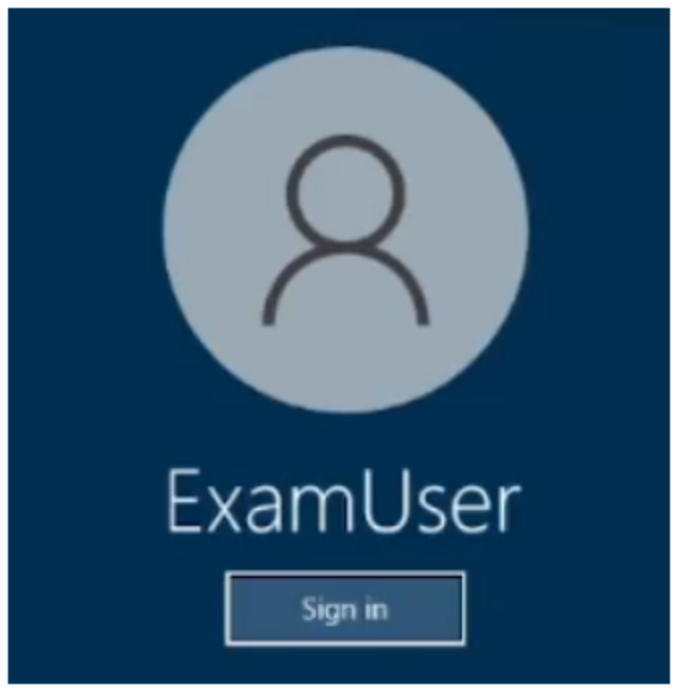


Username and password

-

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 plan to deploy an appliance to subnet3-2. The appliance will perform packet inspection and will have an IP address of 10.3.2.100.

You need to ensure that all traffic to the internet from subnet3-1 is forwarded to the appliance for inspection.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

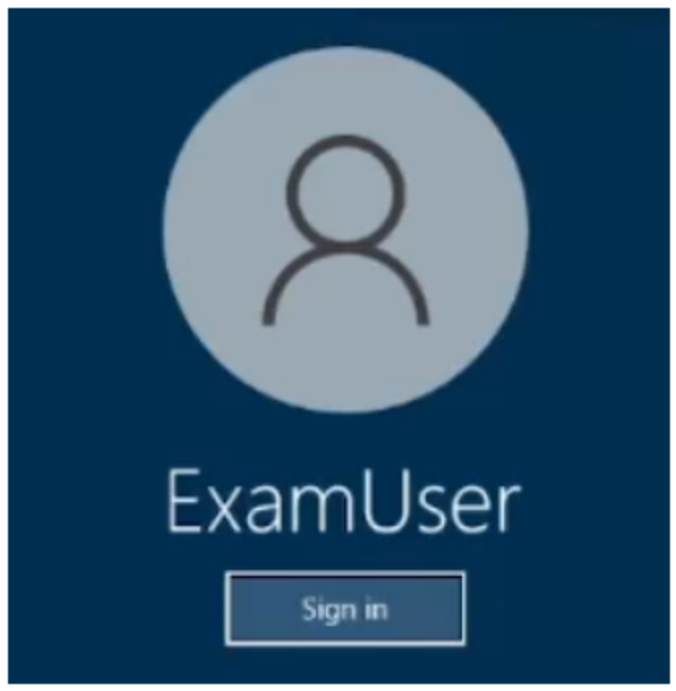
Question #: 45

Topic #: 2

[All AZ-700 Questions]

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 plan to use VNET4 for an Azure API Management implementation.

You need to configure a policy that can be used by an Azure application gateway to protect against known web attack vectors. The policy must only allow requests that originate from IP addresses in Canada. You do NOT need to create the application gateway to complete this task.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

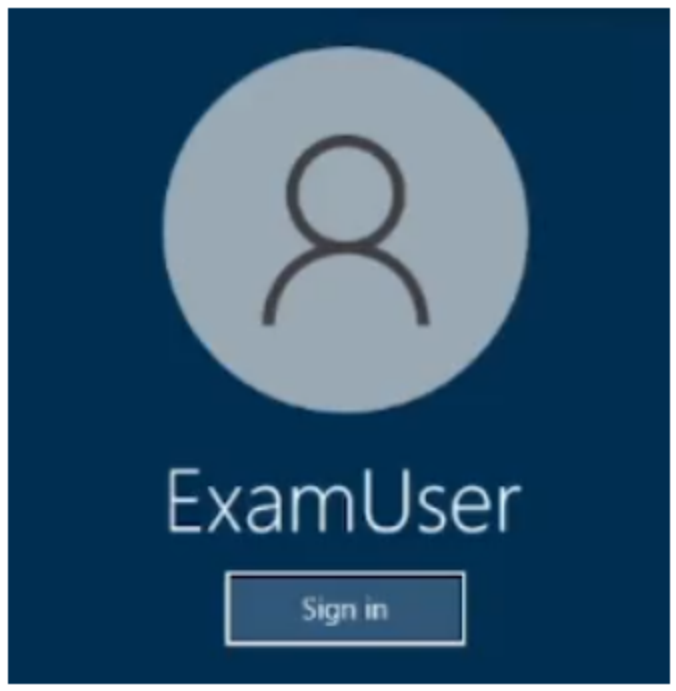
Question #: 46

Topic #: 2

[All AZ-700 Questions]

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 plan to deploy several virtual machines to subnet1-2.

You need to prevent all Azure hosts outside of subnet1-2 from connecting to TCP port 5585 on hosts on subnet1-2. The solution must minimize administrative effort.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

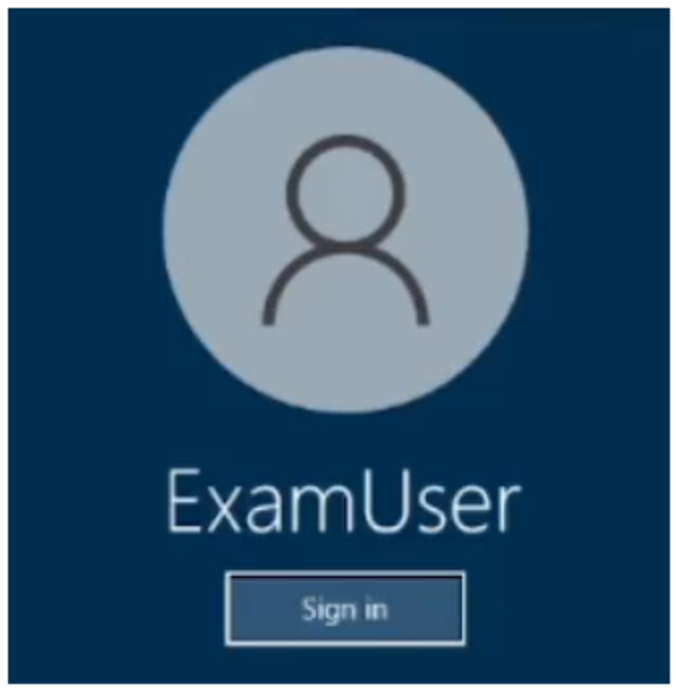
Question #: 47

Topic #: 2

[All AZ-700 Questions]

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 only hosts on VNET1 can access the storage123456789 storage account. The solution must ensure that access occurs over the Azure backbone network.

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

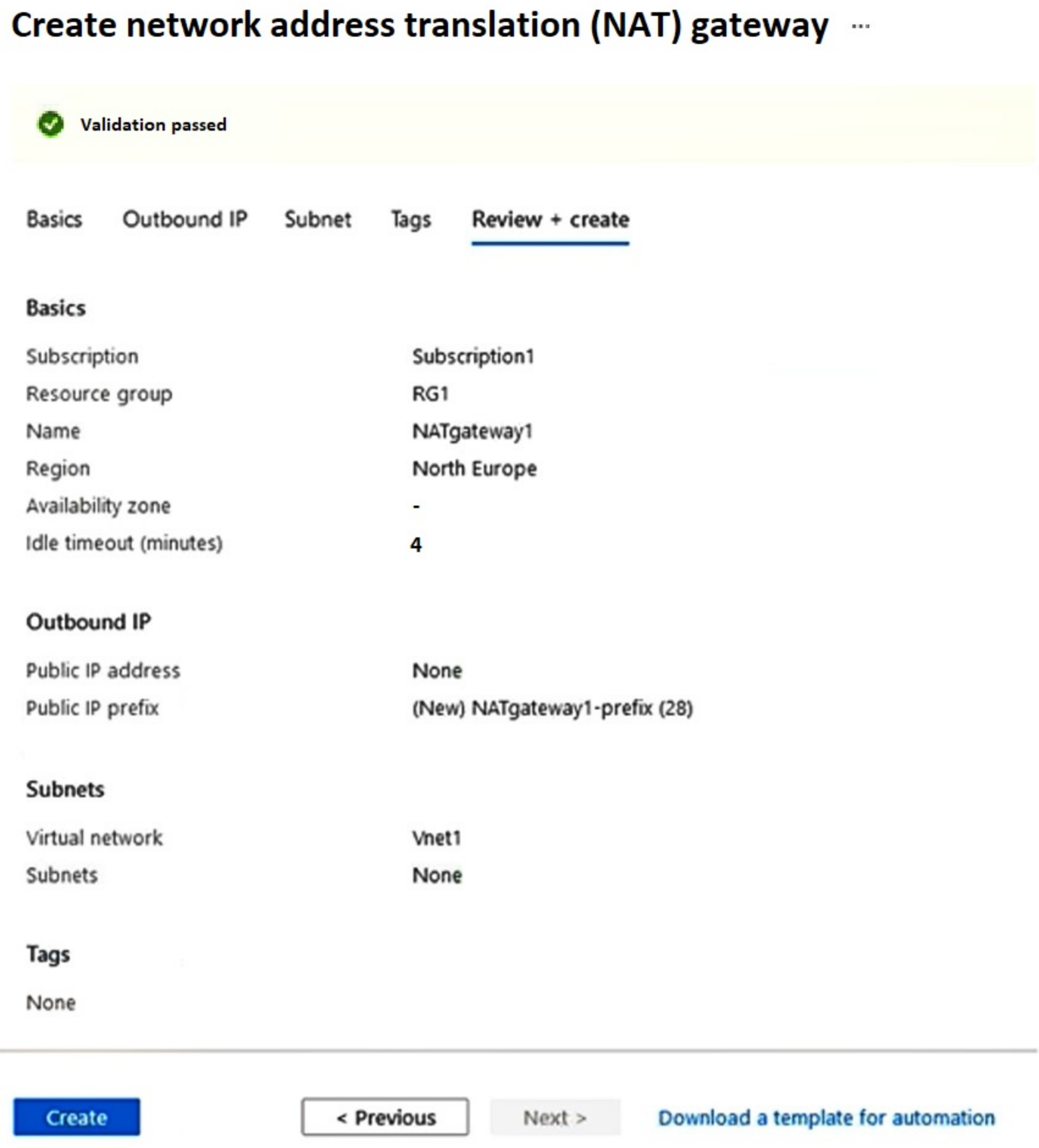
Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 48
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

You have an Azure virtual network named Vnet1 that contains two subnets named Subnet1 and Subnet2. Both subnets contain virtual machines.

You create a NAT gateway named NATgateway1 as 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

NATgateway1 can be linked to **[answer choice]**.

- only GatewaySubnet
- only Subnet1 or Subnet2
- both Subnet1 and Subnet2
- only Vnet1

NATgateway1 is assigned **[answer choice]**.

- 0 IP addresses
- 1 IP addresses
- 2 IP addresses
- 16 IP addresses
- 28 IP addresses

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 49

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Type	Description
AG1	Azure Application Gateway	Will automatically scale up to three instances
VMSS1	Virtual machine scale set	Consists of four virtual machines that run an app named App1

You need to publish App1 by using AG1 and a URL of https://app1.contoso.com. The solution must meet the following requirements:

- TLS connections must terminate on AG1.
- Minimize the number of targets in the backend pool of AG1.
- Minimize the number of deployed copies of the SSL certificate of App1.

How many locations should you import to the certificate, and how many targets should you add to the backend pool of AG1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Certificates:

1
2
3
4
5

Backend pool targets:

1
2
3
4

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 50
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

You have an Azure subscription that contains a virtual network named Vnet1. Vnet1 has a /24 IPv4 address space.

You need to subdivide Vnet1. The solution must maximize the number of usable subnets.

What is the maximum number of IPv4 subnets you can create, and how many usable IP addresses will be available per subnet? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Usable IP addresses:
- 1
- 3
- 7

IPv4 subnets:
- 16
- 32
- 64
- 128

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 51

Topic #: 2

[All AZ-700 Questions]

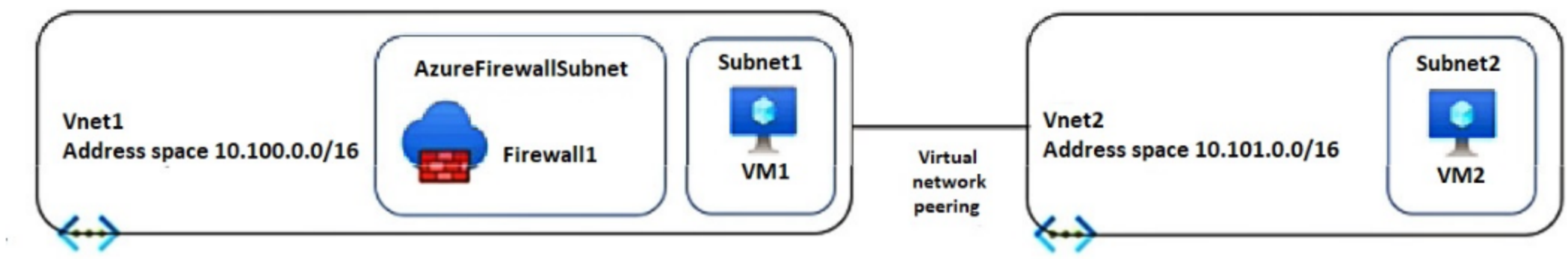
HOTSPOT

-

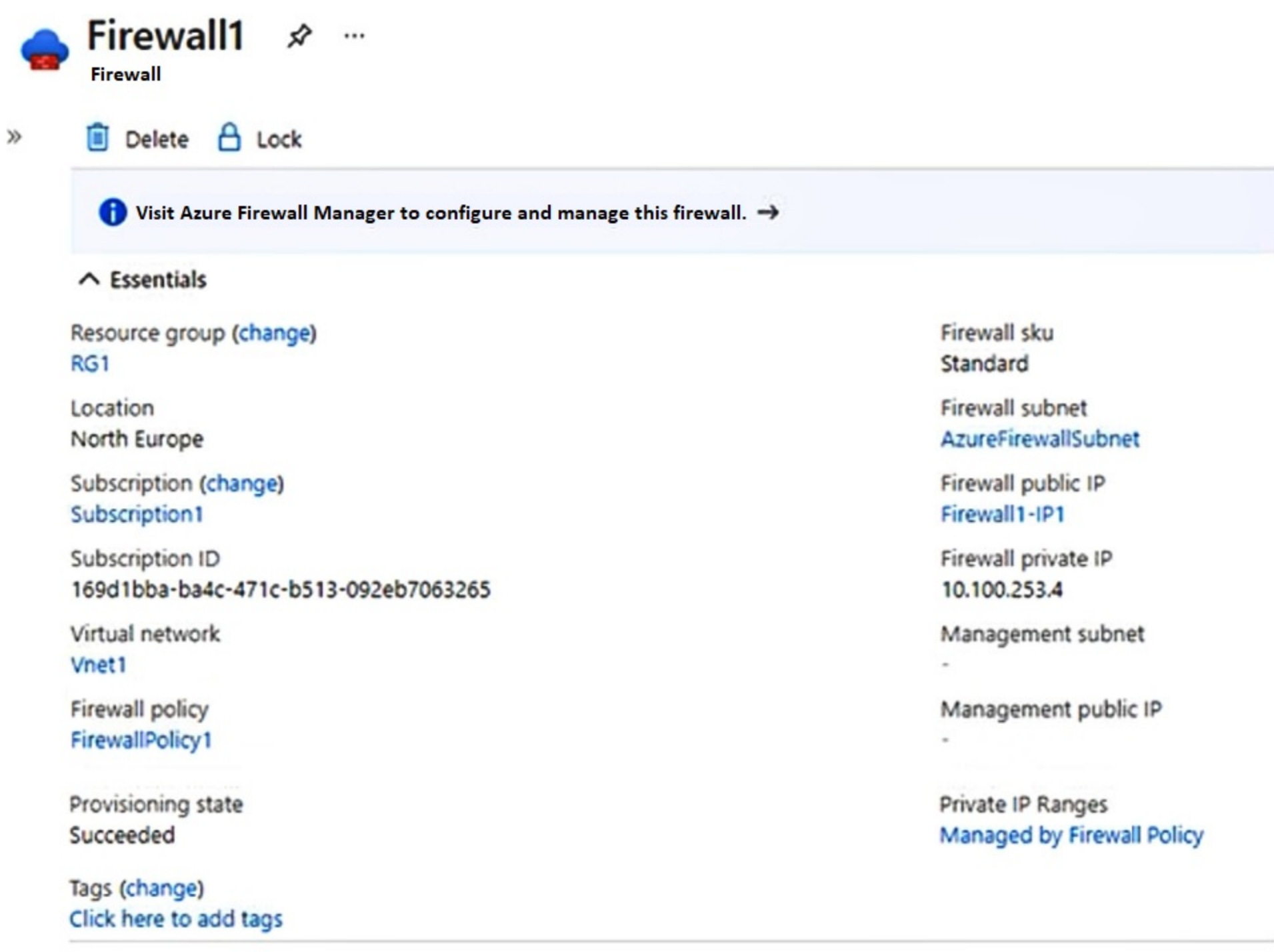
You have an Azure subscription that contains the resources shown in the following table.

Name	Type
Vnet1	Virtual network
Vnet2	Virtual network
Firewall1	Azure Firewall
Subnet1	Virtual subnet
Subnet2	Virtual subnet
VM1	Virtual machine
VM2	Virtual machine

The virtual network topology is shown in the following exhibit.



Firewall1 is configured as shown in following exhibit.



FirewallPolicy1 contains the following rules:

- Allow outbound traffic from Vnet1 and Vnet2 to the internet.
- Allow any traffic between Vnet1 and Vnet2.

No custom private endpoints, service endpoints, routing tables, or network security groups (NSGs) were created.

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
A routing table must be associated with Subnet1 and Subnet2 to ensure that all internet traffic for VM1 and VM2 is sent via Firewall1.	○	○
The enable remote gateway setting must be enabled on the virtual net peering to provide VM2 Internet access by using Firewall1.	○	○
Firewall1 can be configured to limit access to websites by categories.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 52
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

Your company has 40 branch offices across North America and Europe.

You have an Azure subscription that contains the following virtual networks:

- Two networks in the East US Azure region
- Three networks in the West Europe Azure region

You need to implement Azure Virtual WAN. The solution must meet the following requirements:

- Each branch office in North America must have an ExpressRoute circuit and a Site-to-Site VPN that connects to the East US region.
- Each branch office in Europe must have an ExpressRoute circuit and a Site-to-Site VPN that connects to the West Europe region.
- Transitive connections must be supported between all the branch offices and all the virtual networks.
- Costs must be minimized.

What is the minimum number of Virtual WAN resources required? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Virtual WAN:
- One Basic virtual WAN
- One Standard virtual WAN
- Two Basic virtual WANs
- Two Standard virtual WANs

Virtual WAN hub:
- One virtual WAN hub
- Two virtual WAN hubs
- Four virtual WAN hubs
- Five virtual WAN hubs

Virtual network gateway:
- One virtual network gateway
- Two virtual network gateways
- Four virtual network gateways
- Five virtual network gateways

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 53
Topic #: 2
[All AZ-700 Questions]

DRAG DROP
-

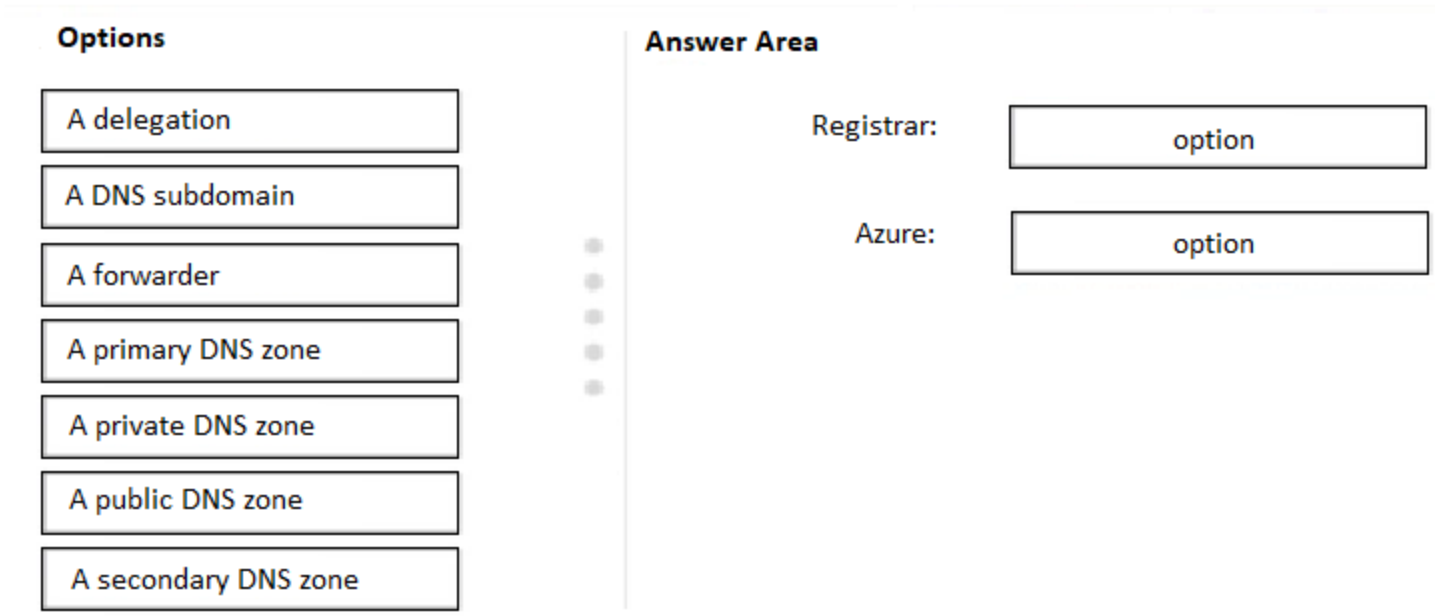
You have a DNS domain named contoso.com that is hosted by a third-party domain name registrar.

You have an Azure subscription.

You need to ensure that all DNS queries for the contoso.com domain are resolved by using Azure DNS.

What should you create in the registrar, and what should you create in Azure? To answer, drag the appropriate options to the correct targets. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 54

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

You have an on-premises network.

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

Name	Type	Description
Vnet1	Virtual network	*None*
VM1	Virtual machine	Connect to Vnet1
VM2	Virtual machine	Connect to Vnet1
SQL1	Azure SQL Database	Internet accessible

You need to implement an ExpressRoute circuit to access the resources in the subscription. The solution must ensure that the on-premises network connects to the Azure resources by using the ExpressRoute circuit.

Which type of peering should you use for each connection? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Connection to Vnet1:

- Microsoft peering
- Private peering
- Public peering
- Virtual network peering

Connection to SQL1:

- Microsoft peering
- Private peering
- Public peering
- Virtual network peering

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 55

Topic #: 2

[All AZ-700 Questions]

You are planning the IP addressing for the subnets in Azure virtual networks.

Which type of resource requires IP addresses in the subnets?

A. storage account

B. internal load balancers

C. service endpoints

D. virtual network peering

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 56

Topic #: 2

[All AZ-700 Questions]

You have the on-premises networks shown in the following table.

Name	ASN	IP address space	Connection type	Description
Branch1	64551	10.50.0.0/24,10.61.0.0/16	VPN	Is an on-premises datacenter
Branch2	64551	10.50.0.0/16,10.61.0.0/16	VPN and ExpressRoute	AS Path has a prefix of 64551,64551,64551
Branch3	64551	10.50.2.0/24,10.61.0.0/16	ExpressRoute	*None*

You have an Azure subscription that contains an Azure virtual WAN named VWAN1 and a virtual network named VNet1. VWAN is connected to the on-premises networks and VNet1 in a full mesh topology. The virtual hub routing preference for VWAN1 is AS Path.

You need to route traffic from VNet1 to 10.61.1.5.

Which path will be used?

A. the VPN connection to Branch1

B. the VPN connection to Branch2

C. the ExpressRoute connection to Branch2

D. the ExpressRoute connection to Branch3

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 57
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

Case Study
-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study
-
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Overview
-

Contoso, Ltd. is a consulting company that has a main office in San Francisco and a branch office in Dallas.

Contoso recently purchased an Azure subscription and is performing its first pilot project in Azure.

Existing Environment
-

Azure Network Infrastructure
-

Contoso has an Azure Active Directory (Azure AD) tenant named contoso.com.

The Azure subscription contains the virtual networks shown in the following table.

Name	Resource group	IP address space	Location	Peered with
Vnet1	RG1	10.1.0.0/16	West US	Vnet2, Vnet3
Vnet2	RG1	172.16.0.0/16	Central US	Vnet1, Vnet3, Vnet4
Vnet3	RG2	192.168.0.0/16	Central US	Vnet1, Vnet2
Vnet4	RG2	10.10.0.0/16	West US	Vnet2
Vnet5	RG3	10.20.0.0/16	East US	**None**

Vnet1 contains a virtual network gateway named GW1.

Azure Virtual Machines
-

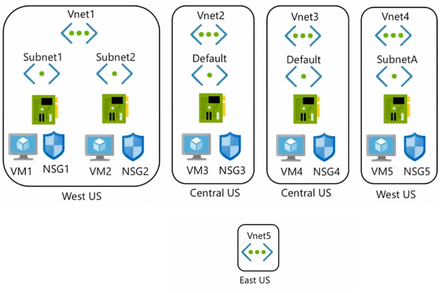
The Azure subscription contains virtual machines that run Windows Server 2019 as shown in the following table.

Name	Location	Connected to	Network security group (NSG)
VM1	West US	Vnet1/Subnet1	NSG1
VM2	West US	Vnet1/Subnet2	NSG2
VM3	Central US	Vnet2/Default	NSG3
VM4	Central US	Vnet3/Default	NSG4
VM5	West US	Vnet4/SubnetA	NSG5

The NSGs are associated to the network interfaces on the virtual machines. Each NSG has one custom security rule that allows RDP connections from the internet. The firewall on each virtual machine allows ICMP traffic.

An application security group named ASG1 is associated to the network interface of VM1.

Azure Network Infrastructure Diagram



Azure Private DNS Zones
-

The Azure subscription contains the Azure private DNS zones shown in the following table.

Name	Location
zone1.contoso.com	Central US
zone2.contoso.com	West US

Zone1.contoso.com has the virtual network links shown in the following table.

Name	Virtual Network	Auto registration
Link1	Vnet2	No
Link2	Vnet3	Yes

Other Azure Resources
-

The Azure subscription contains additional resources as shown in the following table.

Name	Type	Location
DB1	Azure SQL Database	West US
storage1	Azure Storage account	West US
Registry1	Azure Container Registry	Central US
KeyVault1	Azure Key Vault	Central US

Requirements
-

Virtual Network Requirements
-

Contoso has the following virtual network requirements:

• Create a virtual network named Vnet6 in West US that will contain the following resources and configurations:
o Two container groups that connect to Vnet6
o Three virtual machines that connect to Vnet6
o Allow VPN connections to be established to Vnet6
o Allow the resources in Vnet6 to access KeyVault1, DB1, and Vnet1 over the Microsoft backbone network.
• The virtual machines in Vnet4 and Vnet5 must be able to communicate over the Microsoft backbone network.
• A virtual machine named VM-Analyze will be deployed to Subnet1. VM-Analyze must inspect the outbound network traffic from Subnet2 to the internet.

Network Security Requirements
-

Contoso has the following network security requirements:

• Configure Azure Active Directory (Azure AD) authentication for Point-to-Site (P2S) VPN users.
• Enable NSG flow logs for NSG3 and NSG4.
• Create an NSG named NSG10 that will be associated to Vnet1/Subnet1 and will have the custom inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
500	3389	TCP	10.1.0.0/16	Any	Deny
1000	Any	ICMP	10.10.0.0/16	VirtualNetwork	Deny

• Create an NSG named NSG11 that will be associated to Vnet1/Subnet2 and will have the custom outbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
200	3389	TCP	10.1.0.0/16	VirtualNetwork	Deny

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 1 2 3 4

Service endpoints: 0 1 2 3 4

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 58

Topic #: 2

[All AZ-700 Questions]

You have an Azure subscription that contains a virtual network named VNet1.

You deploy several web apps and configure the apps to use private endpoints on VNet1.

You need to identify which DNS records the web apps registered automatically.

Where will the records be created?

A. an Azure DNS zone named privatelink.azurewebsites.net

B. an Azure Private DNS zone named azurewebsites.net

C. an Azure Private DNS zone named privatelink.azurewebsites.net

D. an Azure DNS zone named azurewebsites.net

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 59

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

You have an Azure subscription that contain a storage account named st1 in the East US Azure region.

You have the virtual networks shown in the following table.

Name	Location	IP address space
Vnet1	UK West	10.1.0.0/16
Vnet2	East US	10.2.0.0/16
Vnet3	West US	10.3.0.0/16

You have the subnets shown in the following table.

Name	Virtual network	IP address range	Subnet resources
Subnet1-1	Vnet1	10.1.1.0/24	Five virtual machines that each has one private IP address
Subnet2-1	Vnet2	10.2.1.0/25	Five virtual machines that each has one private IP address
Subnet3-1	Vnet3	10.3.1.0/26	Five virtual machines that each has one private IP address

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
You can deploy Azure Bastion to Subnet1-1.	○	○
You can deploy 100 additional virtual machines to Subnet2-1.	○	○
You can change the IP address range of Subnet3-1 to 10.3.1.0/16.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 60

Topic #: 2

[All AZ-700 Questions]

You are planning the IP addressing for the subnets in Azure virtual networks.

Which type of resource requires IP addresses in the subnets?

A. storage account

B. internal load balancers

C. service endpoints

D. service endpoint policies

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 61

Topic #: 2

[All AZ-700 Questions]

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

Name	Subnet	Subnet address space	Peered with
Vnet1	Subnet1-1	10.1.1.0/24	Vnet3
Vnet2	Subnet2-1	10.2.1.0/24	Vnet3
Vnet3	AzureFirewallSubnet	10.3.1.0/24	Vnet1, Vnet2

You deploy Azure Firewall to Vnet3.

You need to ensure that the traffic from Subnet1-1 to Subnet2-1 passes through the firewall.

What should you configure?

A. peering links between Vnet1 and Vnet2

B. a route table associated to Subnet1-1 and Subnet2-1

C. an Azure private DNS zone

D. a route table associated to AzureFirewallSubnet

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 62
Topic #: 2
[All AZ-700 Questions]

You plan to implement an Azure virtual network that will contain 10 virtual subnets. The subnets will use IPv6 addresses. Each subnet will host up to 200 load-balanced virtual machines.

You need to recommend which subnet mask size to use for the virtual subnets.

What should you recommend?

A. /64

B. /120

C. /48

D. /24

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 63
Topic #: 2
[All AZ-700 Questions]

DRAG DROP
-

You have two on-premises datacenters.

You have an Azure subscription that contains four virtual networks named VNet1, VNet2, VNet3, and VNet4.

You create an Azure virtual WAN named VWAN1. VWAN1 contains a single virtual hub that is connected to both on-premises datacenters and all the virtual networks in a full mesh topology.

You create a route table named RT1.

You need to configure VWAN1 to meet the following requirements:

- Connectivity between VNet1 and VNet2 and both on-premises datacenters must be allowed.
- Connectivity between VNet3 and VNet4 and both on-premises datacenters must be allowed.
- VNet1 and VNet2 must be isolated from VNet3 and VNet4.

How should you configure routing for VNet1 and VNet2 and for both on-premises datacenters? To answer, drag the appropriate route tables and route table propagation to the correct requirements. Each route table and route table propagation may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Route solutions

Associated route table: Default Propagating to route tables: RT1 and Default
Associated route table: Default; Propagating to route tables: RT1
Associated route table: RT1; Propagating to route tables: Default
Associated route table: RT1; Propagating to route tables: RT1 and Default

Answer Area

VNet1 and VNet2:	Route solution
On-premises datacenters:	Route solution

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 64

Topic #: 2

[All AZ-700 Questions]

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 Virtual Network NAT

B. service endpoint policies

C. internal load balancers

D. virtual network peering

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 65
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

You have an Azure subscription that contains an Azure key vault named Vault1 and an app registration for an Azure AD app named App1.

You have a DNS domain named contoso.com that is hosted by a third-party DNS provider.

You plan to deploy App1 by using Azure App Service. App1 will have the following configurations:

- App1 will be hosted across five App Service apps.
- Users will access App1 by using a URL of https://app1.contoso.com.
- The user traffic of App1 will be managed by using Azure Front Door.
- The traffic between Front Door and the App Service apps will be sent by using HTTP.
- App1 will be secured by using an SSL certificate from a third-party certificate authority (CA).

You need to support the Front Door deployment.

Which two DNS records should you create, and to where should you import the SSL certificate for App1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

DNS records:
- A CNAME record and a TXT record
- An A record and a SRV record
- An A record and a CNAME record
- A TXT record and a SRV record

Import the certificate to:
- The app registration for App1
- The App Service apps
- Vault1

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 66
Topic #: 2
[All AZ-700 Questions]

You have an Azure subscription that contains a virtual network named VNet1. VNet1 has a subnet mask of/24.

You plan to implement an Azure application gateway that will have the following configurations:

- Public endpoints: 1
- Private endpoints: 1
- Minimum instances: 1
- Maximum instances: 10

You need to configure the address space for the subnet of the application gateway. The solution must minimize the number of IP addresses allocated to the application gateway subnet.

What is the minimum number of assignable IP addresses required?

A. 1

B. 2

C. 11

D. 12

E. 20

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 67

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

Your on-premises network contains a server named DNS1 that runs Windows Server 2022. DNS1 has the DNS server role and an IP address of 10.1.0.1. The network contains computers that use DNS1 for name resolution.

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

Name	Type	Description
private.fabrikam.com	Azure Private DNS zone	Linked to Vnet1
Vnet1	Virtual network	*None*
SQL1	Azure SQL Database	Has a private endpoint in Vnet1 that is registered in private.fabrikam.com
DNS2	Server that runs Windows Server 2022	Has the DNS server role and an IP address of 10.100.0.1

The on-premises network connects to Vnet1 by using a Site-to-Site VPN.

You need to ensure that the computers on the on-premises network can resolve the IP address for sql1.private.fabrikam.com.

What should you do on DNS1 and DNS2? To answer, drag the appropriate actions to the correct servers. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Answer Area

DNS1:

- Configure forwarding to 10.1.0.1.
- Configure forwarding to 10.100.0.1.
- Configure forwarding to 168.63.129.16.
- Create a secondary zone for private.fabrikam.com.
- Create a stub zone for private.fabrikam.com.

DNS2:

- Configure forwarding to 10.1.0.1.
- Configure forwarding to 10.100.0.1.
- Configure forwarding to 168.63.129.16.
- Create a secondary zone for private.fabrikam.com.
- Create a stub zone for private.fabrikam.com.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 68

Topic #: 2

[All AZ-700 Questions]

DRAG DROP

-

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

Name	Type	Description
Gateway1	NAT gateway	Unconfigured
NIC1	Network interface	A network interface with a statically assigned public IP address named PIP1
PIP1	Public IP address	A Basic SKU public IP address
VNet1	Virtual network	Contains a subnet named Subnet1
Subnet1	Virtual subnet	Part of VNet1
VM1	Virtual machine	Connected to Subnet1 via NIC1

You need to associate Gateway1 with Subnet1. The solution must minimize downtime on VM1.

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

- Disassociate PIP1 from NIC1.
- Change the PIP1 SKU to Standard.
- Change Assignment to Dynamic for PIP1.
- Shutdown VM1.
- Start VM1.
- Associate PIP1 to NIC1.

Answer Area

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 69

Topic #: 2

[All AZ-700 Questions]

HOTSPOT

-

Your on-premises network contains the subnets shown in the following table.

Name	IPv4 network address
Subnet1	192.168.10.0/24
Subnet2	192.168.20.0/24

The network contains a firewall named FW1 that uses a public IP address of 131.107.100.200.

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

Name	Type	Description
VNet1	Virtual network	Uses an address space of 10.1.0.0/16
GW1	Virtual network gateway	• Uses a public IP address of 20.231.231.174 • Uses a private IP address of 10.1.255.10
GatewaySubnet	Subnet	Uses an address space of 10.1.255.0/27
LNG1	Local network gateway	*None*

You plan to configure a Site-to-Site (S2S) VPN named VPN1 that will connect GW1 to FW1.

You need to configure LNG1 to support VPN1. The solution must meet the following requirements:

• Ensure that the resources on Subnet1 and Subnet2 can communicate with the resources on VNet1.
• Minimize administrative effort.

How should you configure LNG1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Address space:

- 10.1.0.0/16
- 10.1255.0/27
- 192.168.10.0/23
- 192.168.10.0/24 and 192.168.20.0/24

IP address:

- 10.1.0.1
- 10.1.255.10
- 20.231231.174
- 131.107.100.200

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 70
Topic #: 2
[All AZ-700 Questions]

HOTSPOT
-

Case Study
-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study
-
To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Overview
-

Contoso, Ltd. is a consulting company that has a main office in San Francisco and a branch office in Dallas.

Contoso recently purchased an Azure subscription and is performing its first pilot project in Azure.

Existing Environment
-

Azure Network Infrastructure
-

Contoso has an Azure Active Directory (Azure AD) tenant named contoso.com.

The Azure subscription contains the virtual networks shown in the following table.

Name	Resource group	IP address space	Location	Peered with
Vnet1	RG1	10.1.0.0/16	West US	Vnet2, Vnet3
Vnet2	RG1	172.16.0.0/16	Central US	Vnet1, Vnet3, Vnet4
Vnet3	RG2	192.168.0.0/16	Central US	Vnet1, Vnet2
Vnet4	RG2	10.10.0.0/16	West US	Vnet2
Vnet5	RG3	10.20.0.0/16	East US	None

Vnet1 contains a virtual network gateway named GW1.

Azure Virtual Machines
-

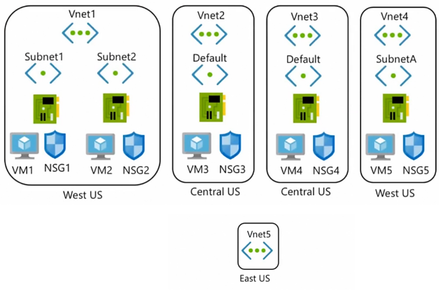
The Azure subscription contains virtual machines that run Windows Server 2019 as shown in the following table.

Name	Location	Connected to	Network security group (NSG)
VM1	West US	Vnet1/Subnet1	NSG1
VM2	West US	Vnet1/Subnet2	NSG2
VM3	Central US	Vnet2/Default	NSG3
VM4	Central US	Vnet3/Default	NSG4
VM5	West US	Vnet4/SubnetA	NSG5

The NSGs are associated to the network interfaces on the virtual machines. Each NSG has one custom security rule that allows RDP connections from the internet. The firewall on each virtual machine allows ICMP traffic.

An application security group named ASG1 is associated to the network interface of VM1.

Azure Network Infrastructure Diagram



Azure Private DNS Zones
-

The Azure subscription contains the Azure private DNS zones shown in the following table.

Name	Location
zone1.contoso.com	Central US
zone2.contoso.com	West US

Zone1.contoso.com has the virtual network links shown in the following table.

Name	Virtual Network	Auto registration
Link1	Vnet2	No
Link2	Vnet3	Yes

Other Azure Resources
-

The Azure subscription contains additional resources as shown in the following table.

Name	Type	Location
DB1	Azure SQL Database	West US
storage1	Azure Storage account	West US
Registry1	Azure Container Registry	Central US
KeyVault1	Azure Key Vault	Central US

Requirements
-

Virtual Network Requirements
-

Contoso has the following virtual network requirements:

• Create a virtual network named Vnet6 in West US that will contain the following resources and configurations:
o Two container groups that connect to Vnet6
o Three virtual machines that connect to Vnet6
o Allow VPN connections to be established to Vnet6
o Allow the resources in Vnet6 to access KeyVault1, DB1, and Vnet1 over the Microsoft backbone network.
• The virtual machines in Vnet4 and Vnet5 must be able to communicate over the Microsoft backbone network.
• A virtual machine named VM-Analyze will be deployed to Subnet1. VM-Analyze must inspect the outbound network traffic from Subnet2 to the internet.

Network Security Requirements
-

Contoso has the following network security requirements:

• Configure Azure Active Directory (Azure AD) authentication for Point-to-Site (P2S) VPN users.
• Enable NSG flow logs for NSG3 and NSG4.
• Create an NSG named NSG10 that will be associated to Vnet1/Subnet1 and will have the custom inbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
500	3389	TCP	10.1.0.0/16	Any	Deny
1000	Any	ICMP	10.10.0.0/16	VirtualNetwork	Deny

• Create an NSG named NSG11 that will be associated to Vnet1/Subnet2 and will have the custom outbound security rules shown in the following table.

Priority	Port	Protocol	Source	Destination	Action
200	3389	TCP	10.1.0.0/16	VirtualNetwork	Deny

Which virtual machines can VM1 and VM4 ping successfully before NSG10 and NSG11 are created? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

VM1:
- VM2 only
- VM2 and VM4 only
- VM2, VM3, and VM4 only
- VM2, VM3, VM4, and VM5

VM4:
- VM3 only
- VM1 and VM3 only
- VM1, VM2, and VM3 only
- VM1, VM2, VM3, and VM5

Show Suggested Answer

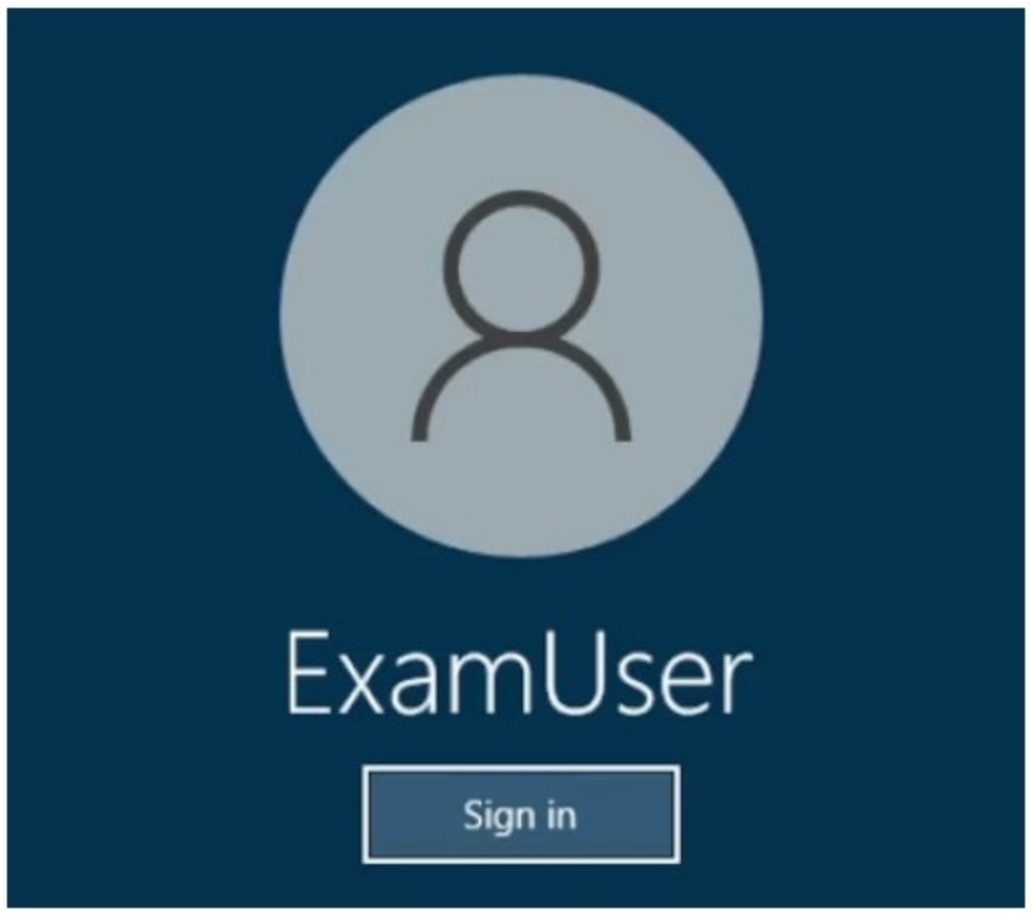
Actual exam question from Microsoft's AZ-700

Question #: 71

Topic #: 2

[All AZ-700 Questions]

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 plan to deploy a VPN gateway and an ExpressRoute gateway to VNET2.

You need to prepare VNET2 to ensure that you can deploy the gateways.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

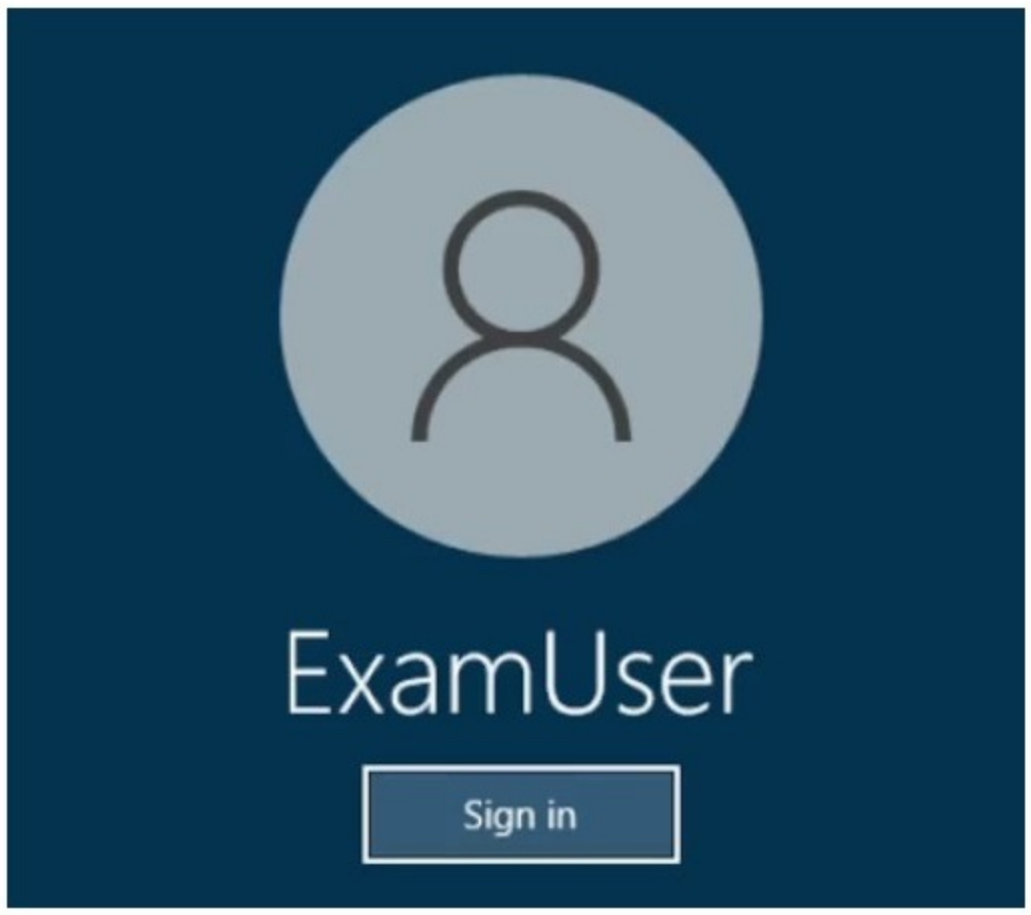
Question #: 73

Topic #: 2

[All AZ-700 Questions]

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 plan to configure a VPN tunnel for VNET2.

You need to ensure that all internet traffic from subnet2-1 is routed through an on-premises firewall before reaching the destination. The solution must be achieved without using dynamic routing protocols.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

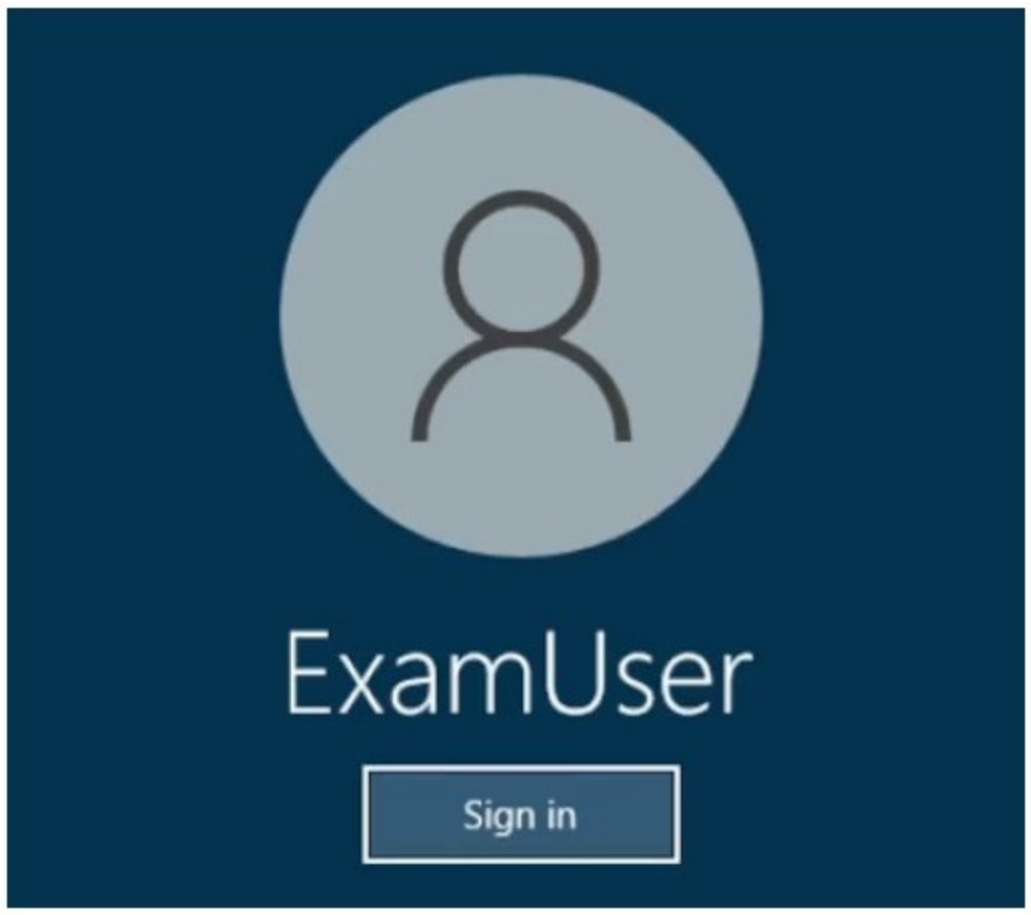
Question #: 74

Topic #: 2

[All AZ-700 Questions]

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 plan to deploy two DNS servers to subnet2-1. Each server will host a DNS zone for fabrikam,com. The DNS zones will contain records from the on-premises network only. The IP address of the DNS servers will be 10.2.1.4 and 10.2.1.5.

You need to ensure that virtual machines on VNET2 can resolve the names of the on-premises servers in fabrikam.com.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 1

Topic #: 3

[All AZ-700 Questions]

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": "app1.contoso.com",
   "transactionId": "f7546159y1hjk7wal14568if5131t68h7",
   "policyId": "default",
   "policyScope": "Global",
   "poplicyScopeName": "Global",
 }
}
```


You need to ensure that the URL is accessible through the application gateway from any IP address.

Solution: You configure a custom cookie and an exclusion rule.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 2

Topic #: 3

[All AZ-700 Questions]

HOTSPOT -

You have an Azure subscription that contains the route tables and routes shown in the following table.

Route table name	Route name	Prefix	Destination
RT1	Default Route	0.0.0.0/0	VirtualNetworkGateway
RT2	Default Route	0.0.0.0/0	Internet

The subscription contains the subnets shown in the following table.

Name	Prefix	Route table	Virtual network
Subnet1	10.10.1.0/24	RT1	Vnet1
Subnet2	10.10.2.0/24	RT2	Vnet1
GatewaySubnet	10.10.3.0/24	**None**	Vnet1

The subscription contains the virtual machines shown in the following table.

Name	IP address
VM1	10.10.1.5
VM2	10.10.2.5

The subscription contains the local network gateways shown in the following table.

Name	Prefix	Default site
New York	10.9.0.0/16	Yes
Seattle	10.8.0.0/16	No

There is a Site-to-Site VPN connection to each local network gateway.

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
Traffic from VM2 to the internet is routed through the New-York Site-to-Site VPN connection	◯	◯
Traffic from VM1 to VM2 is routed through the New-York Site-to-Site VPN connection	◯	◯
Traffic from VM1 to the internet is routed through the New-York Site-to-Site VPN connection	◯	◯

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 3

Topic #: 3

[All AZ-700 Questions]

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

Name	IP version	SKU	IP address assignment
IP1	IPv4	Basic	Static
IP2	IPv4	Basic	Dynamic
IP3	IPv4	Standard	Static
IP4	IPv6	Basic	Dynamic
IP5	IPv6	Standard	Static

You plan to deploy a NAT gateway named NAT1.

Which public IP addresses can be used as the public IP address for NAT1?

A. IP3 only

B. IP5 only

C. IP2 and IP4 only

D. IP1, IP3 and IP5 only

E. IP3 and IP5 only

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 4

Topic #: 3

[All AZ-700 Questions]

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.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 5

Topic #: 3

[All AZ-700 Questions]

HOTSPOT -

You have an Azure Traffic Manager parent profile named TM1. TM1 has two child profiles named TM2 and TM3.

TM1 uses the performance traffic-routing method and has the endpoints shown in the following table.

Name	Location
App1	North Europe
App2	East US
App3	Central US
TM2	West Europe
TM3	West US

TM2 uses the weighted traffic-routing method with MinChildEndpoint = 2 and has the endpoints shown in the following table.

Name	Location	Weight
App4	West Europe	99
App5	West Europe	1

TM3 uses priority traffic-routing method and has the endpoints shown in the following table.

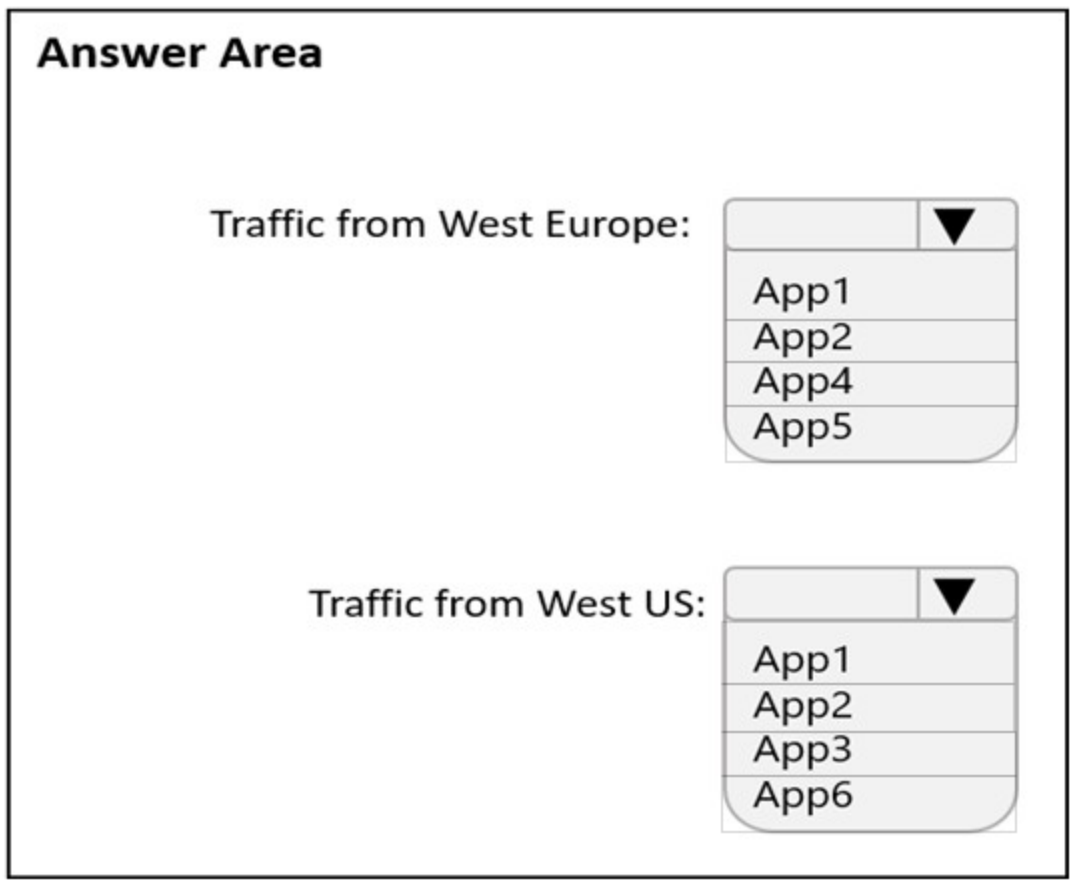
Name	Location
App6	West US
App2	East US

The App2, App4, and App6 endpoints have a degraded monitoring status.

To which endpoint is traffic directed? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Hot Area:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 6

Topic #: 3

[All AZ-700 Questions]

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": "f7546159ylhjk7wal14568if513lt68h7",
   "policyId": "default",
   "policyScope": "Global",
   "poplicyScopeName": "Global",
 }
}
```


You need to ensure that the URL is accessible through the application gateway from any IP address.

Solution: You add a rewrite rule for the host header.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 7

Topic #: 3

[All AZ-700 Questions]

HOTSPOT -

You have an Azure Front Door instance that provides access to a web app. The web app uses a hostname of www.contoso.com.

You have the routing rules shown in the following table.

Name	Path
RuleA	/abc/def
RuleB	/ab
RuleC	/*
RuleD	/abc/*

Which rule will apply to each incoming request? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Hot Area:

Answer Area

www.contoso.com/abc/def ▼ RuleA RuleB RuleC RuleD

www.contoso.com/default.htm ▼ RuleA RuleB RuleC RuleD

www.contoso.com/abc/def/default.htm ▼ RuleA RuleB RuleC RuleD

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 8

Topic #: 3

[All AZ-700 Questions]

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.

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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.


```
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 "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": "f7546159ylhjk7wal14568if5131t68h7",
   "policyId": "default",
   "policyScope": "Global",
   "poplicyScopeName": "Global",
 }
}
```


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

Solution: You disable the WAF rule that has a ruleId 920300.

Does this meet the goal?

A. Yes

B. No

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 9

Topic #: 3

[All AZ-700 Questions]

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 10

Topic #: 3

[All AZ-700 Questions]

You have an Azure application gateway for a web app named App1. The application gateway allows end-to-end encryption.

You configure the listener for HTTPS by uploading an enterprise-signed certificate.

You need to ensure that the application gateway can provide end-to-end encryption for App1.

What should you do?

A. Increase the Unhealthy threshold setting in the custom probe.

B. Enable the SSL profile to the listener.

C. Set Listener type to Multi site.

D. Upload the public key certificate to the HTTP settings.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 11

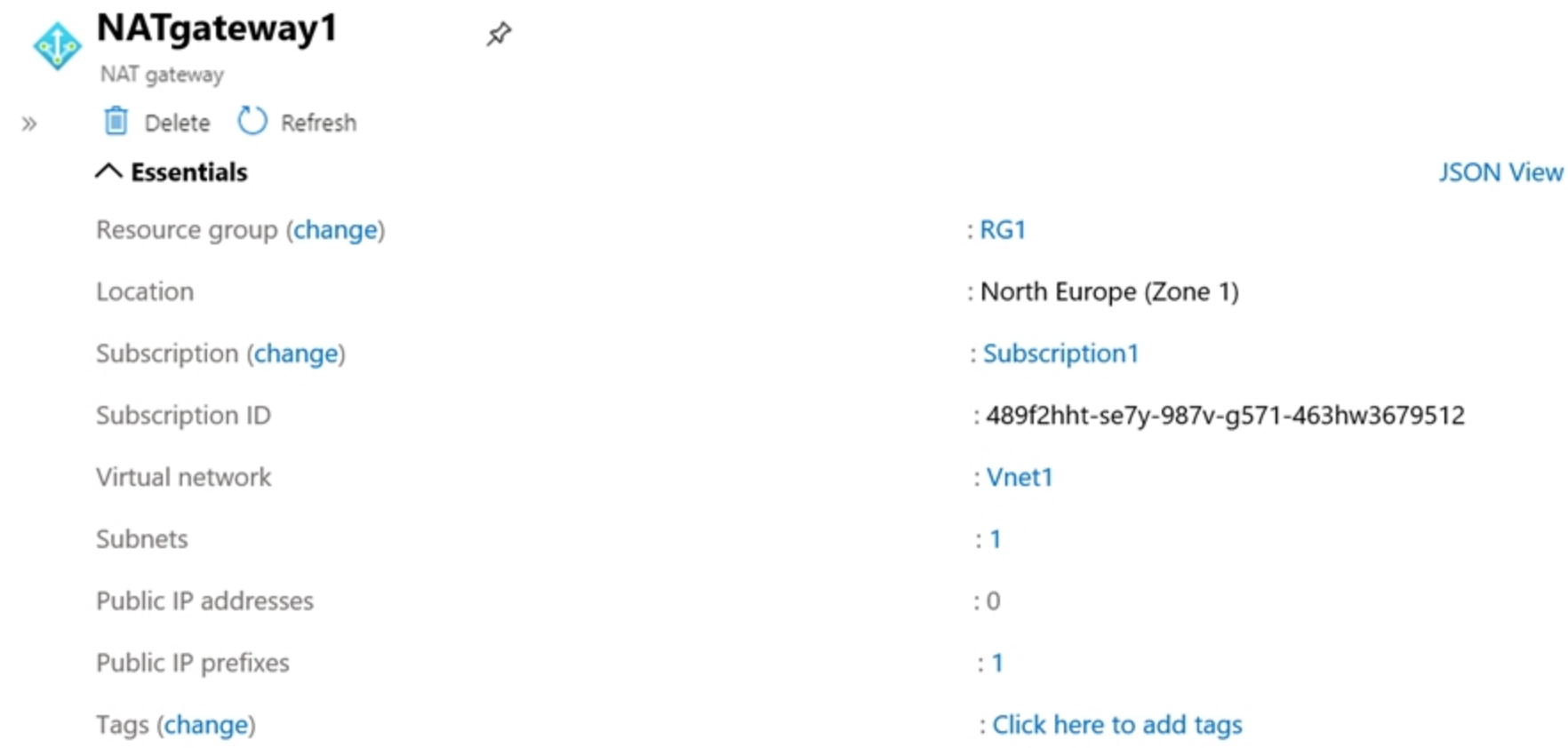
Topic #: 3

[All AZ-700 Questions]

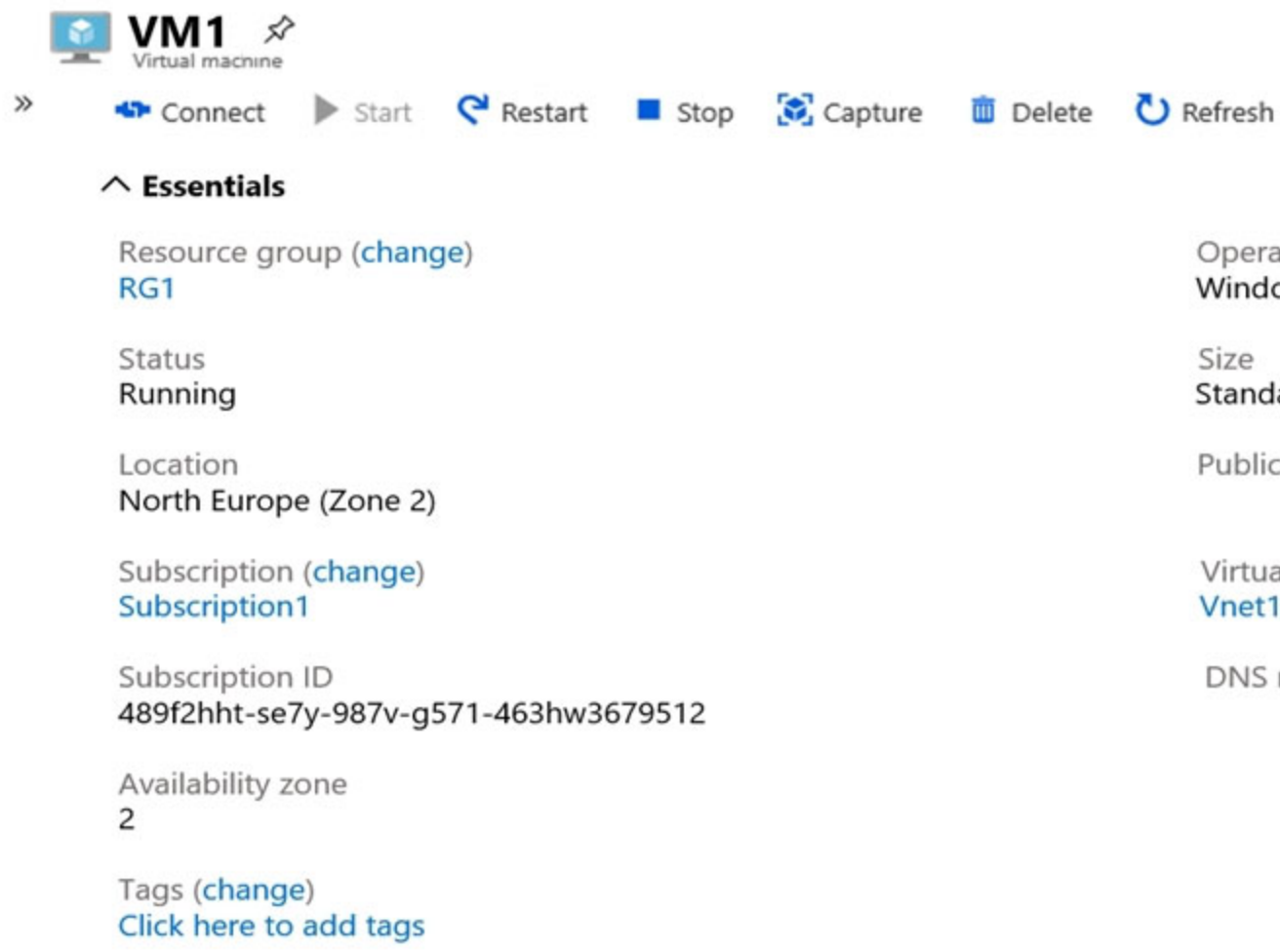
HOTSPOT -

You have an Azure virtual network named Vnet1 that contains two subnets named Subnet1 and Subnet2.

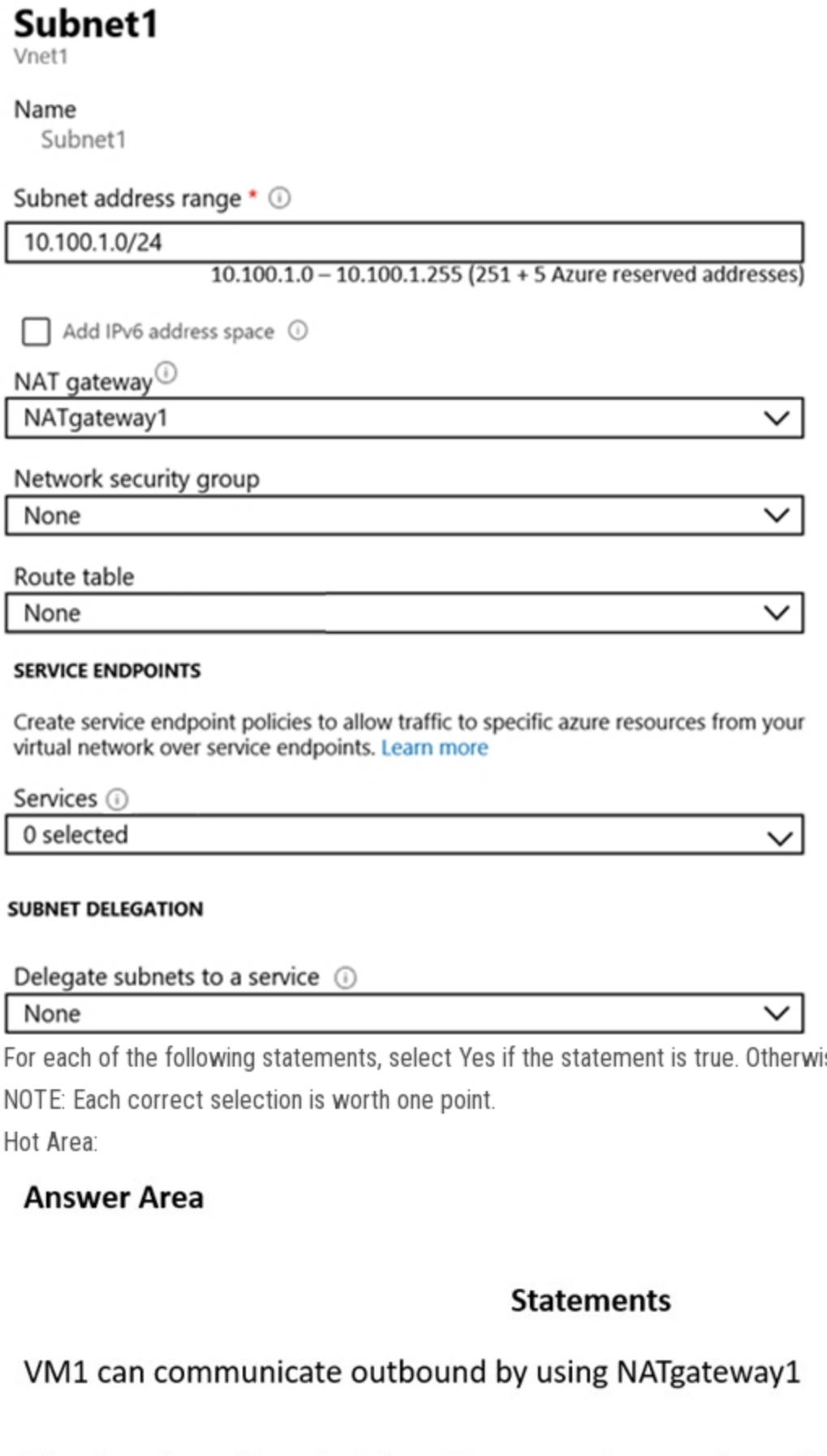
You have the NAT gateway shown in the NATgateway1 exhibit.



You have the virtual machine shown in the VM1 exhibit.



Subnet1 is configured as shown in the Subnet1 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 communicate outbound by using NATgateway1	○	○
The virtual machines in Subnet2 communicate outbound by using NATgateway1	○	○
All the virtual machines that use NATgateway1 to connect to the internet use the same public IP address	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 12

Topic #: 3

[All AZ-700 Questions]

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 13

Topic #: 3

[All AZ-700 Questions]

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. Bind the NAT gateway to another subnet.

B. Add a public IP address.

C. Deploy Azure Standard Load Balancer that has outbound rules.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 14

Topic #: 3

[All AZ-700 Questions]

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 2

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, IP3, IP4, and IP5 only

B. IP3 only

C. IP1 and IP3 only

D. IP2 only

E. IP1, IP2, IP3, IP4, and IP5

F. IP3 and IP5 only

Show Suggested Answer

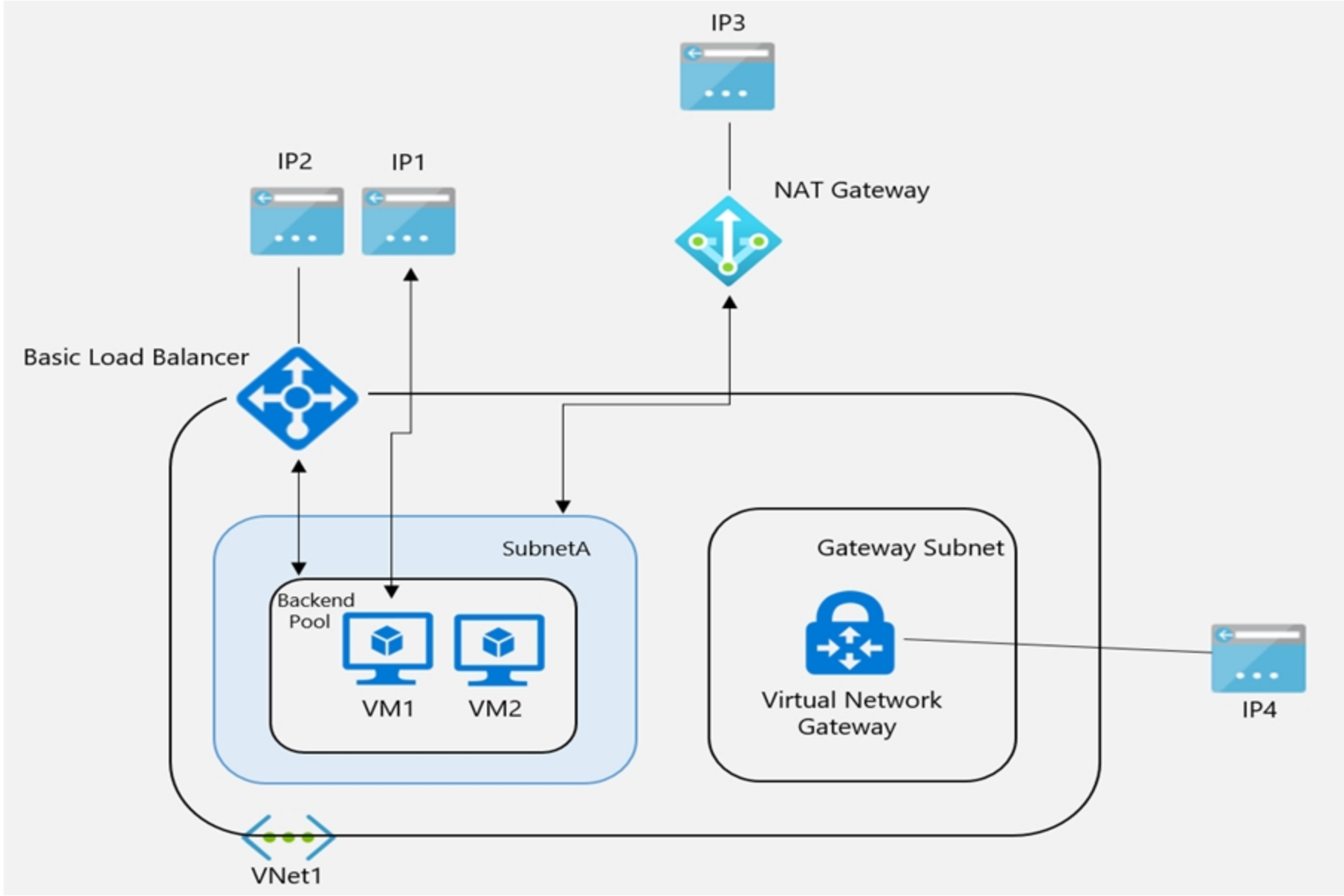
Actual exam question from Microsoft's AZ-700

Question #: 15

Topic #: 3

[All AZ-700 Questions]

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 16

Topic #: 3

[All AZ-700 Questions]

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 Application Gateway

C. Azure Traffic Manager

D. Azure Front Door

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 17

Topic #: 3

[All AZ-700 Questions]

You have five virtual machines that run Windows Server. Each virtual machine hosts a different web app.

You plan to use an Azure application gateway to provide access to each web app by using a hostname of www.contoso.com and a different URL path for each web app, for example: https://www.contoso.com/app1.

You need to control the flow of traffic based on the URL path.

What should you configure?

A. HTTP settings

B. listeners

C. rules

D. rewrites

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 18

Topic #: 3

[All AZ-700 Questions]

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

Name	FQDN	Location	Public IP address
AS1	As1.contoso.com	East US	131.107.100.1
AS2	As2.contoso.com	West US	131.107.200.1

You plan to use Azure Traffic Manager to manage the routing of traffic for www.contoso.com between AS1 and AS2.

You create a Traffic Manager profile named TMprofile1. TMprofile1 uses the weighted traffic-routing method.

You need to ensure that Traffic Manager routes traffic for www.contoso.com.

Which DNS record should you create?

A. two A records that map www.contoso.com to 131.107.100.1 and 131.107.200.1

B. a CNAME record that maps www.contoso.com to TMprofile1.azurefd.net

C. a CNAME record that maps www.contoso.com to TMprofile1.trafficmanager.net

D. a TXT record that contains a string of as1.contoso.com and as2.contoso.com in the details

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 19

Topic #: 3

[All AZ-700 Questions]

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": "app1.contoso.com",
   "transactionId": "f7546159y1hjk7wal14568if5131t68h7",
   "policyId": "default",
   "policyScope": "Global",
   "poplicyScopeName": "Global",
 }
}
```


You need to ensure that the URL is accessible through the application gateway from any IP address.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 20
Topic #: 3
[All AZ-700 Questions]

HOTSPOT -
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 endpoints 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.
Hot Area:

Answer Area

Traffic Manager algorithm:

- Geographic
- Multivalue
- Priority
- Subnet

Endpoint type:

- Azure endpoint
- External endpoint
- Nested endpoint

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 21

Topic #: 3

[All AZ-700 Questions]

DRAG DROP -

You have an Azure Front Door instance named FrontDoor1.

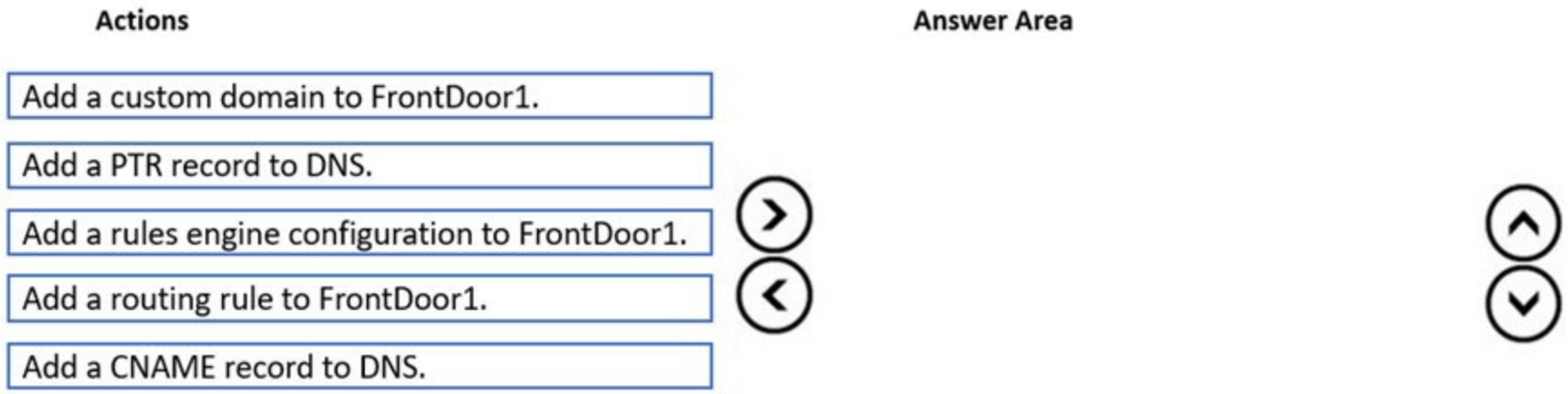
You deploy two instances of an Azure web app to different Azure regions.

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.

Select and Place:



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 22

Topic #: 3

[All AZ-700 Questions]

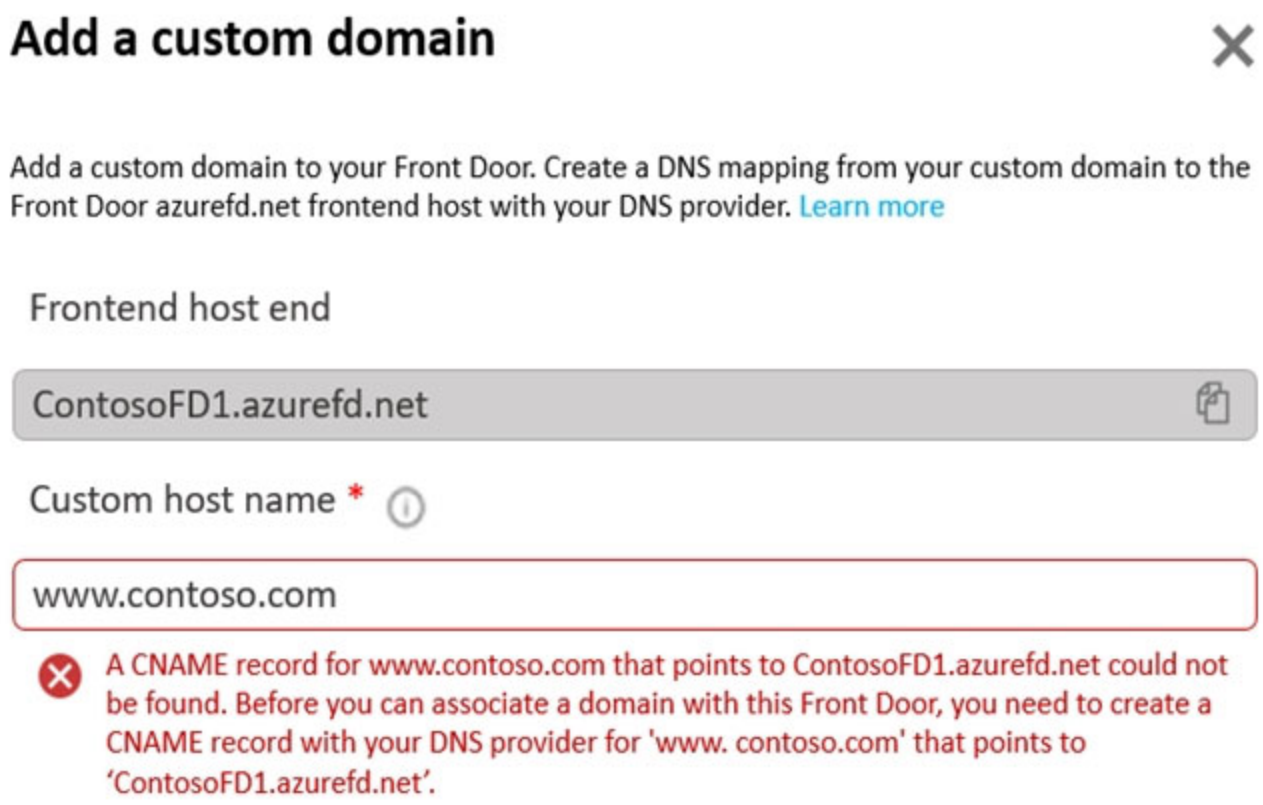
You have a website that uses an FQDN of www.contoso.com. The DNS record for www. contoso.com resolves to an on-premises web server.

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. (Click the Exhibit tab.)



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 afdverify.www.contoso.com to ContosoFD1.azurefd.net

B. a CNAME record that maps www.contoso.com to ContosoFD1.azurefd.net

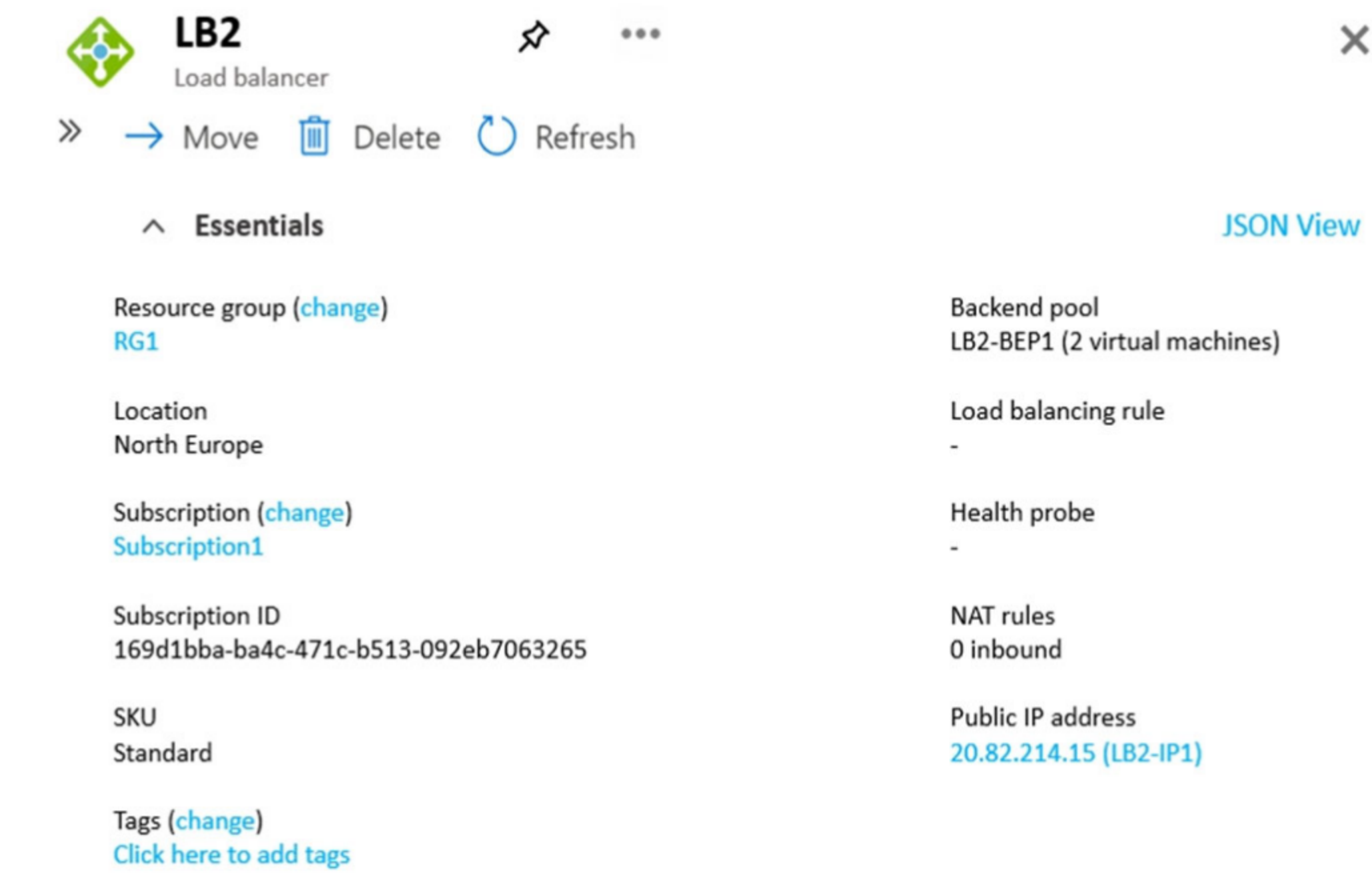
C. a CNAME record that maps afdverify.www.contoso.com to afdverify.ContosoFD1.azurefd.net

D. a CNAME record that maps www.contoso.com to Web1.contoso.com

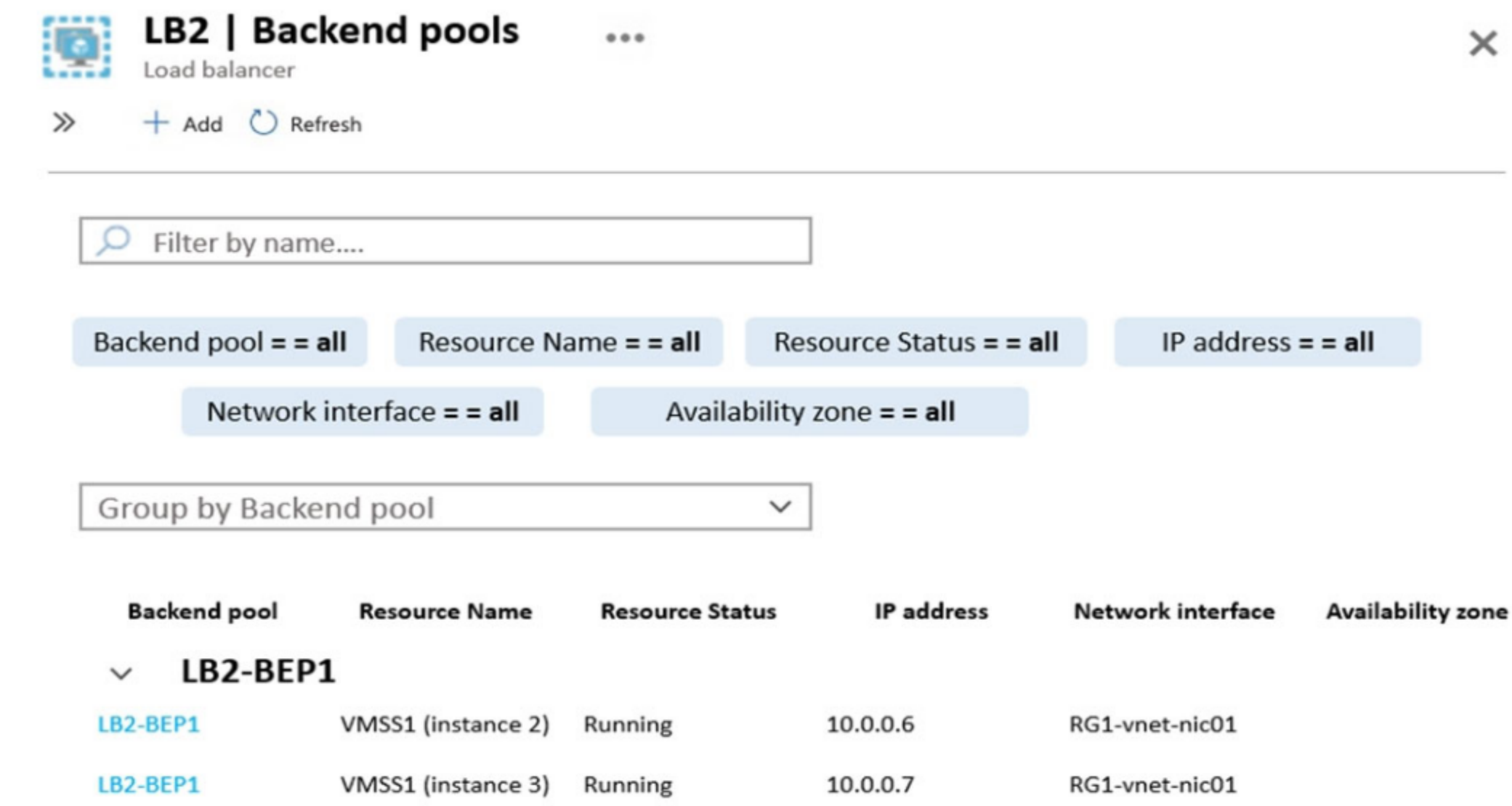
Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 23
Topic #: 3
[All AZ-700 Questions]

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



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



You need to ensure that LB2 distributes traffic to all the members of VMSS1.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Add a network interface to VMSS1.

B. Add a load balancing rule.

C. Configure a health probe.

D. Add a public IP address to each member of VMSS1.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 24

Topic #: 3

[All AZ-700 Questions]

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 Subnet 1
- A rule routing of 0.0.0.0/0 to FW1 in RT1

After deploying 10 servers that run Windows Server to Subnet 1, 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, configure a DNAT rule for port 1688.

B. Deploy an application security group that allows outbound traffic to 1688.

C. On FW1, create an outbound network rule that allows traffic to the Azure Key Management Service (KMS).

D. On FW1, create an outbound service tag rule for Azure Cloud.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 25
Topic #: 3
[All AZ-700 Questions]

You have an Azure Front Door instance that has a single frontend named Frontend1 and an Azure Web Application Firewall (WAF) policy named Policy1. Policy1 redirects requests that have a header containing "string1" to https://www.contoso.com/redirect1. Policy1 is associated to Frontend1.
You need to configure additional redirection settings. Requests to Frontend1 that have a header containing "string2" must be redirected to https://www.contoso.com/redirect2.
Which three actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Create a custom rule.

B. Create a policy.

C. Create a frontend host.

D. Configure a managed rule.

E. Add a custom rule to Policy1.

F. Create an association.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 26

Topic #: 3

[All AZ-700 Questions]

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. priority

D. performance

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 27

Topic #: 3

[All AZ-700 Questions]

Your company has offices in London, Tokyo, and New York.

The company has a web app named App1 that has the Azure Traffic Manager profile shown in the following table.

Parameter	Value	Azure region
DNS Name	app1.trafficmanager.net	**Not applicable**
Endpoint	app1-asia.azurewebsites.net	East Asia
Endpoint	app1-na.azurewebsites.net	East US
Endpoint	app1-na.azurewebsites.net	UK South
Routing method	Geographic	**Not applicable**

In Asia, you plan to deploy an additional endpoint that will host an updated version of App1.

You need to route 10 percent of the traffic from the Tokyo office to the new endpoint during testing.

What should you configure in Traffic Manager?

A. two profiles and five endpoints

B. two profiles and four endpoints

C. three profiles and four endpoints

D. one profile and five endpoints

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 28

Topic #: 3

[All AZ-700 Questions]

HOTSPOT -

You configure a route table named RT1 that has the routes shown in the following table.

Name	Prefix	Next hop type	Next hop IP address
Route1	0.0.0.0/0	Network virtual appliance (NVA)	192.168.0.4
Route2	10.0.0.0/24	Network virtual appliance (NVA)	192.168.0.4

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

Name	Prefix	Route table
DMZ	192.168.0.0/24	None
FrontEnd	192.168.1.0/24	RT1
BackEnd	192.168.2.0/24	None

You have the resources shown in the following table.

Name	IP address	Type
NVA1	192.168.0.4	NVA
VM1	192.168.1.4	Virtual machine
VM2	192.168.2.4	Virtual machine

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.

Hot Area:

Answer Area

Statements	Yes	No
Internet traffic from NVA1 is routed to the on-premises network.	○	○
Traffic from VM2 to the on-premises network is routed though NVA1.	○	○
Traffic from VM1 is routed to VM2 through NVA1.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 29

Topic #: 3

[All AZ-700 Questions]

HOTSPOT -

You have an Azure subscription. The subscription contains virtual machines that host websites as shown in the following table.

Name	Public host name	Location
VM1	site1.us.contoso.com	East US
VM2	site1.uk.contoso.com	UK West
VM3	site2.us.contoso.com	East US
VM4	site2.uk.contoso.com	UK West
VM5	site2.japan.contoso.com	Japan West

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

Name	Routing method	DNS name	Hosted on
Tm1	Performance	site1.contoso.com	VM1 and VM2
Tm2	Priority	site2.contoso.com	VM3, VM4, and VM5

You have the endpoints shown in the following table.

Name	Traffic Manager profile	Azure endpoint	Routing method parameter	Status
Ep1	Tm1	VM1	1	Degraded
Ep2	Tm1	VM2	2	Online
Ep3	Tm2	VM3	1	CheckingEndpoint
Ep4	Tm2	VM4	2	Online
Ep5	Tm2	VM5	3	Online

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:

Statements	Yes	No
A user that requests site1.contoso.com from the East US Azure region will connect to site1.us.contoso.com.	○	○
A user that requests site2.contoso.com from the East US Azure region will connect to site2.uk.contoso.com.	○	○
A user that requests site2.contoso.com from the Japan East Azure region will connect to site2.japan.contoso.com.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 30
Topic #: 3
[All AZ-700 Questions]

You have an Azure application gateway configured for a single website that is available at https://www.contoso.com.
The application gateway contains one backend pool and one rule. The backend pool contains two backend servers. Each backend server has an additional website that is available on port 8080.
You need to ensure that if port 8080 is unavailable on a backend server, all the traffic for https://www.contoso.com is redirected to the other backend server.
What should you do?

A. Create a health probe

B. Add a new rule

C. Change the port on the listener

D. Add a new listener

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 31

Topic #: 3

[All AZ-700 Questions]

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. Add an internet route to RT1 for the Azure Key Management Service (KMS).

C. On FW1, configure a DNAT rule for port 1688.

D. Deploy an Azure Standard Load Balancer that has an outbound NAT rule.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

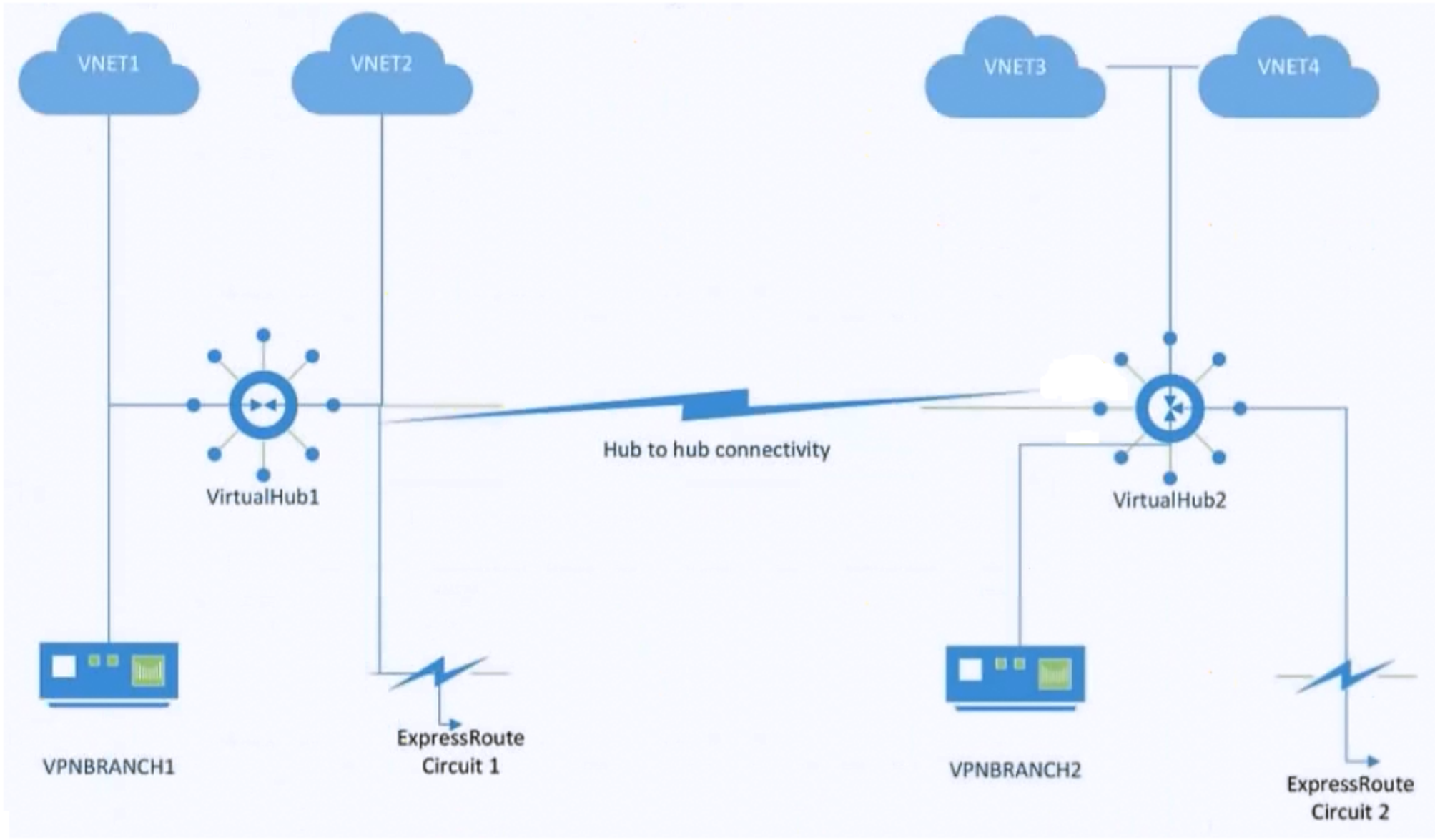
Question #: 32

Topic #: 3

[All AZ-700 Questions]

You have an Azure subscription.

You plan to implement Azure Virtual WAN as shown in the following exhibit.



What is the minimum number of route tables that you should create?

A. 1

B. 2

C. 4

D. 6

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 33

Topic #: 3

[All AZ-700 Questions]

You have an internal Basic Azure Load Balancer named LB1 that has two frontend IP addresses. The backend pool of LB1 contains two Azure virtual machines named VM1 and VM2.

You need to configure the rules on LB1 as shown in the following table.

Rule	Frontend IP address	Protocol	ILB1 port	Destination	VM port
1	65.52.0.1	TCP	80	IP address of the NIC of VM1 and VM2	80
2	65.52.0.2	TCP	80	IP address of the NIC of VM1 and VM2	80

What should you do for each rule?

A. Enable Floating IP.

B. Disable Floating IP.

C. Set Session persistence to Enabled.

D. Set Session persistence to Disabled.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 34

Topic #: 3

[All AZ-700 Questions]

Your company has 40 branch offices that are linked by using a Software-Defined Wide Area Network (SD-WAN). The SD-WAN uses BGP.

You have an Azure subscription that contains 20 virtual networks configured as a hub and spoke topology. The topology contains a hub virtual network named Vnet1.

The virtual networks connect to the SD-WAN by using a network virtual appliance (NVA) in Vnet1.

You need to ensure that BGP route advertisements will propagate between the virtual networks and the SD-WAN. The solution must minimize administrative effort.

What should you implement?

A. An Azure VPN Gateway that has BGP enabled

B. a NAT gateway

C. Azure Traffic Manager

D. Azure Route Server

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 35

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

You have an Azure load balancer that has the following configurations:

- Name: LB1
- Location: East US 2
- SKU: Standard
- Private IP address: 10.3.0.7
- Load balancing rule: rule1 (Tcp/80)
- Health probe: probe1 (Http:80)
- NAT rules: 0 inbound

The backend pool of LB1 has the following configurations:

- Name: backend1
- Virtual network: Vnet2
- Backend pool configuration: NIC
- IP version: IPv4
- Virtual machines: VM1, VM2, VM3

You have an Azure virtual machine named VM4 that has the following network configurations:

- Network interface: vm4981
- Virtual network/subnet: Vnet3/Subnet3
- NIC private IP address: 10.4.0.4
- Accelerated networking: Enabled

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
To add VM4 to LB1, you must create a new backend pool.	○	○
VM1 is connected to Vnet2.	○	○
Connections to HTTPS://10.3.0.7 will be load balanced between VM1, VM2, and VM3.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 36

Topic #: 3

[All AZ-700 Questions]

DRAG DROP

-

Your company, named Contoso, Ltd., has an Azure subscription that contains the resources shown in the following table.

Name	Type	Location	Description
App1us	Azure App Service	East US	A website for the United States office of Contoso
App1uk	Azure App Service	UK West	A website for the United Kingdom office of Contoso
St1us	Storage account	East US	Contains images for the United States website
St1uk	Storage account	UK West	Contains images for the United Kingdom website

You plan to deploy Azure Front Door. The solution must meet the following requirements:

- Requests to a URL of https://contoso.azurefd.net/uk must be routed to App1uk.
- Requests to a URL of https://contoso.azurefd.net/us must be routed to App1us.
- Requests to a URL of https://contoso.azurefd.net/images must be routed to the storage account closest to the user.

What is the minimum number of backend pools and routing rules you should create? To answer, drag the appropriate number to the correct components. Each number may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Number

1 2 3 4

Answer Area

Backend pools: Number

Routing rules: Number

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 37

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Location
RG1	East US
RG2	UK West

You have the virtual networks shown in the following table.

Name	Location	Subnet	Resource group
Vnet1	East US	Sb1	RG1
Vnet1	East US	Sb2	RG1
Vnet2	West US	Sb3	RG2
Vnet2	West US	Sb4	RG2

Vnet1 contains two virtual machines named VM1 and VM2. Vnet2 contains two virtual machines named VM3 and VM4.

You have the network security groups (NSGs) shown in the following table that include only default rules.

Name	Associated to
Nsg1	Sb1
Nsg2	Network interface of VM2
Nsg3	Network interface of VM3
Nsg4	Sb4

You have the Azure load balancers shown in the following table.

Name	Resource group	Location	Type	Backend pool	Virtual machine	Rule
Lb1	RG1	East US	Public	Vnet1	VM1	Protocol: TCP Port: 80 Backend port: 80
Lb2	RG2	West US	Internal	Vnet2	VM3	Protocol: TCP Port: 1433 Backend port: 1433

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
VM2 can be added to the backend pool of Lb2.	○	○
VM4 can access VM3 via port 1433 by using the frontend address of Lb2.	○	○
VM1 can be accessed via port 80 from the internet by using the frontend address of Lb1.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 38

Topic #: 3

[All AZ-700 Questions]

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

Name	Type	Description
App1	Azure App Service	A web app
Gateway1	Azure Application Gateway	includes an SSL certificate that has a subject name of *.contoso.com

Gateway1 provides access to App1 by using a URL of https://app1.contoso.com.

You create a new web app named App2.

You need to configure Gateway1 to enable access to App2 by using a URL of https://app2.contoso.com. The solution must minimize administrative effort.

What should you configure on Gateway1?

A. a backend pool and a routing rule

B. a listener and a routing rule

C. a listener, a backend pool, and a routing rule

D. a listener and a backend pool

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

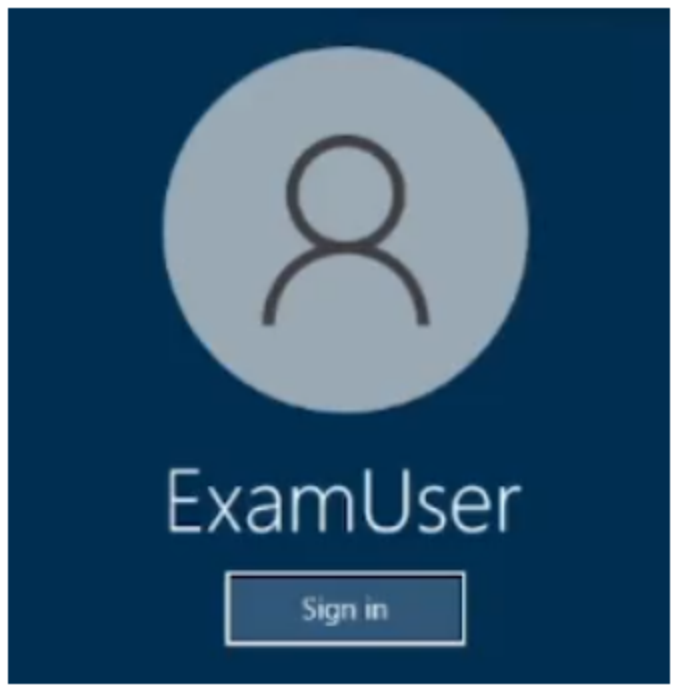
Question #: 39

Topic #: 3

[All AZ-700 Questions]

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 plan to deploy a firewall to subnet1-2. The firewall will have an IP address of 10.1.2.4.

You need to ensure that traffic from subnet1-1 to the IP address range of 192.168.10.0/24 is routed through the firewall that will be deployed to subnet 1-2. The solution must be achieved without using dynamic routing protocol.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 40

Topic #: 3

[All AZ-700 Questions]

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

Name	IP address space
Vnet1	192.168.0.0/20
Vnet2	10.0.0.0/20

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 41

Topic #: 3

[All AZ-700 Questions]

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, configure a DNAT rule for port 1688

B. Deploy a NAT gateway.

C. Add an internet route to RT1 for the Azure Key Management Service (KMS).

D. To Subnet1, associate a network security group (NSG) that allows outbound access to port 1688.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 42
Topic #: 3
[All AZ-700 Questions]

You have an on-premises network.

You have an Azure subscription that includes a virtual network named VNet1 and a private Azure Kubernetes Service (AKS) cluster named AKS1. VNet1 is connected to your on-premises environment via an Azure ExpressRoute circuit. AKS1 is connected to VNet1.

You need to implement an off-cluster ingress controller for AKS1. The solution must provide connectivity from the on-premises environment to containerized workloads hosted on AKS1.

Which Azure service should you use?

A. Azure Application Gateway

B. Azure Front Door

C. Azure Traffic Manager

D. Azure Load Balancer

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 43

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

You are planning an Azure Front Door deployment that will contain the resources shown in the following table.

Name	Type
ASP93	App Service plan
Webapp93.azurewebsites.net	App Service
FD93.azurefd.net	Front Door

Users will connect to the App Service through Front Door by using a URL of https://www.fabrikam.com.

You obtain a certificate for the host name of www.fabrikam.com.

You need to configure a DNS record for www.fabrikam.com and upload the certificate to Azure.

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

NOTE: Each correct selection is worth one point.

Answer Area

Upload the certificate to:

- A certificate in Active Directory Certificate Services (AD CS)
- A custom rule in Azure Web Application Firewall (WAF)
- An enterprise application in Azure AD
- A secret in Azure Key Vault

Set the DNS record target to:

- ASP93
- fabrikam.com
- FD93.azurefd.net
- Webapp93.azurewebsites.net

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 44

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

You have an Azure subscription that contains an app named App1. App1 is hosted on the Azure App Service instances shown in the following table.

Name	Location
AppSrv1	East US
AppSrv2	East US
AppSrv3	North Europe
AppSrv4	North Europe

You need to implement Azure Traffic Manager to meet the following requirements:

- App1 traffic must be assigned equally to each App Service instance in each Azure region.
- App1 traffic from North Europe must be routed to the App1 instances in the North Europe region.
- App1 traffic from North America must be routed to the App1 instances in the East US Azure region.
- If an App Service instance fails, all the traffic for that instance must be routed to the remaining instances in the same region.

How should you configure the Traffic Manager profiles? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of Traffic Manager profiles required:

1
2
3
4

Routing method for the traffic in each region:

Geographic
Performance
Priority
Weighted

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 45

Topic #: 3

[All AZ-700 Questions]

You have an Azure subscription that contains the Azure App Service web apps shown in the following table.

Name	Location	Description
App1eu	West Europe	Production app service for a URL of https://www.fabrikam.com
App1us	East US	Standby app service for a URL of https://www.fabrikam.com

You need to deploy Azure Traffic Manager. The solution must meet the following requirements:

- Traffic to https://www.fabrikam.com must be directed to App1eu.
- If App1eu becomes unresponsive, all the traffic to https://www.fabrikam.com must be directed to App1us.

You need to implement Traffic Manager to meet the requirements.

Which two resources should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a Traffic Manager profile that uses the priority routing method

B. a Traffic Manager profile that uses the geographic routing method

C. a CNAME record in a DNS domain named fabrikam.com

D. a TXT record in a DNS domain named fabricam.com

E. a real user measurements key in Traffic Manager

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 46

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

You have an Azure subscription that contains an app named App1. App1 is deployed to the Azure App Service apps shown in the following table.

Name	Location	Worker instances
App1-East	East US 1	4
App1-West	West US 1	4

You need to publish App1 by using Azure Front Door. The solution must ensure that all the requests to App1 are load balanced between all the available worker instances.

What is the minimum number of origin groups and origins that you should configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Origin groups: [▼]
- 1
- 2
- 4
- 8

Origins: [▼]
- 1
- 2
- 4
- 8

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 47

Topic #: 3

[All AZ-700 Questions]

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, configure a DNAT rule for port 1688.

B. On FW1, create an outbound network rule that allows traffic to the Azure Key Management Service (KMS).

C. Deploy an application security group that allows outbound traffic to 1688.

D. Deploy an Azure Standard Load Balancer that has an outbound NAT rule.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 48

Topic #: 3

[All AZ-700 Questions]

You have an Azure subscription that contains a virtual network named VNet1. VNet1 contains a subnet named Subnet1.

You deploy an instance of Azure Application Gateway v2 named AppGw1 to Subnet1. You create a network security group (NSG) named NSG1 and link NSG1 to Subnet1.

You need to ensure that AppGw1 will only load balance traffic that originates from VNet1. The solution must minimize the impact on the functionality of AppGw1.

What should you add to NSG1?

A. an outbound rule that has a priority of 4096 and blocks all internet traffic

B. an inbound rule that has a priority of 4096 and blocks all internet traffic

C. an inbound rule that has a priority of 100 and blocks all internet traffic

D. an outbound rule that has a priority 100 and blocks all internet traffic

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 49
Topic #: 3
[All AZ-700 Questions]

You plan to implement an Azure virtual network that will contain 10 virtual subnets. The subnets will use IPv6 addresses. Each subnet will host up to 200 load-balanced virtual machines.

You need to recommend a load balancing solution for the virtual network. The solution must meet the following requirements:

- The virtual machines and the load balancer must be accessible only from the virtual network.
- Costs must be minimized.

What should you include in the recommendation?

A. Basic Azure Load Balancer

B. Azure Application Gateway v1

C. Azure Standard Load Balancer

D. Azure Application Gateway v2

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 50
Topic #: 3
[All AZ-700 Questions]

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, configure a DNAT rule for port 1688.

B. Deploy an application security group that allows outbound traffic to 1688.

C. Add an internet route to RT1 for the Azure Key Management Service (KMS).

D. Deploy an Azure Standard Load Balancer that has an outbound NAT rule.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 51

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

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

Name	Subnet	Peered with
VNet1	Subnet11, Subnet12	VNet2
VNet2	Subnet21	VNet1

The subscription contains the virtual machines shown in the following table.

Name	Connected to	Availability set
VM1	Subnet11	AS1
VM2	Subnet11	AS1
VM3	Subnet12	*None*
VM4	Subnet21	*None*

You create a load balancer named LB1 that has the following configurations:

- SKU: Basic
- Type: Internal
- Subnet: Subnet12
- Virtual network: VNet1

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
LB1 can balance requests between VM1 and VM2.	○	○
LB1 can balance requests between VM2 and VM3.	○	○
LB1 can balance requests between VM3 and VM4.	○	○

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 52
Topic #: 3
[All AZ-700 Questions]

HOTSPOT
-

You have an Azure subscription. The subscription contains an Azure application gateway that has the following configurations:

- Name: AppGW1
- Tier: Standard V2
- Autoscaling: Disabled

You create an Azure AD user named User1.

You need to ensure that User1 can change the tier of AppGW1. The solution must use the principle of least privilege.

Which role should you assign to User1, and to which tiers can AppGW1 be changed? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Role:
- Cloud Device Administrator
- Network Contributor
- Owner
- User Access Administrator

Tiers:
- Standard only
- WAF only
- WAF V2 only
- Standard and WAF only
- Standard, WAF, and WAF V2

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 53
Topic #: 3
[All AZ-700 Questions]

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. 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.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 54

Topic #: 3

[All AZ-700 Questions]

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 machine operating systems were activated.

You need to ensure that the virtual machines can be activated.

What should you do?

A. To Subnet1, associate a network security group (NSG) that allows outbound access to port 1688.

B. On FW1, create an outbound network rule that allows traffic to the Azure Key Management Service (KMS).

C. Deploy a NAT gateway.

D. Deploy an application security group that allows outbound traffic to 1688.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700
Question #: 55
Topic #: 3
[All AZ-700 Questions]

DRAG DROP
-

You have an Azure subscription.

You plan to deploy Azure Front Door with Azure Web Application Firewall (WAF).

You plan to implement custom rules and managed rules that meet the following requirements:

- Block malicious bots.
- Throttle client IP addresses that exceed 100 connections per minute.

You need to identify which Front Door SKU to configure, and which type of rule to configure for each requirement. The solution must minimize administrative effort and costs.

What should you identify? To answer, drag the appropriate options to the correct targets. Each option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Options

- A custom rule
- A managed rule
- Classic
- Premium
- Standard

Answer Area

SKU: Option

Block malicious bots: Option

Throttle client IP addresses: Option

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 56

Topic #: 3

[All AZ-700 Questions]

HOTSPOT

-

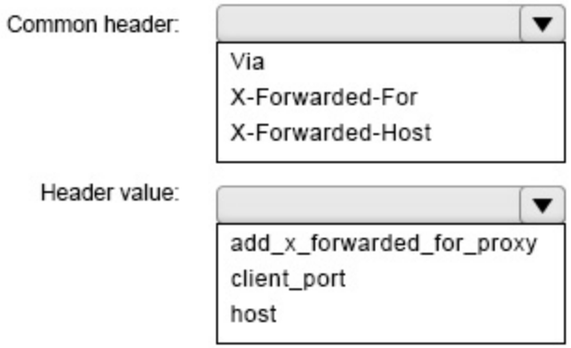
You have an Azure application gateway.

You need to create a rewrite rule that will remove the origin port from the HTTP header of incoming requests that are being forwarded to the backend pool.

How should you configure each setting? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 57

Topic #: 3

[All AZ-700 Questions]

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 machine operating systems 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. To Subnet1, associate a network security group (NSG) that allows outbound access to port 1688.

D. Deploy an application security group that allows outbound traffic to 1688.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

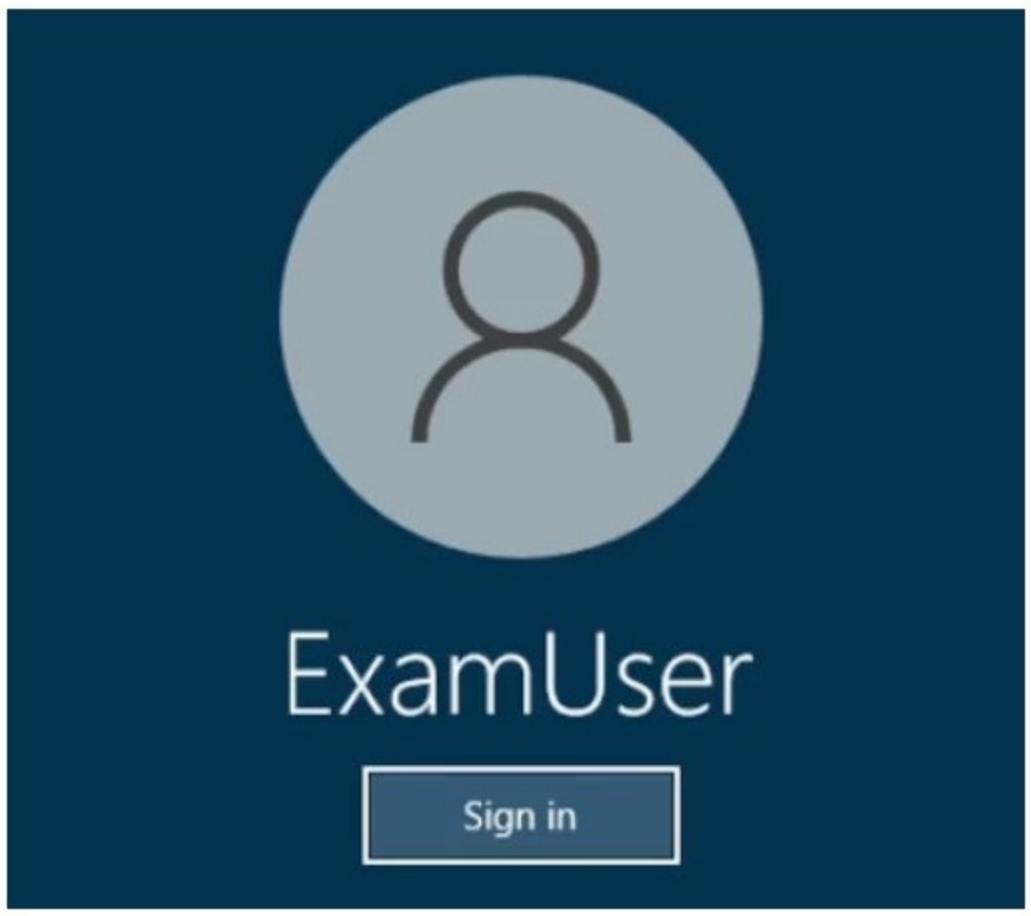
Question #: 58

Topic #: 3

[All AZ-700 Questions]

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 traffic to host.fabrikam.com is directed to the Traffic Manager profile.

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 1

Topic #: 4

[All AZ-700 Questions]

You have an Azure virtual machine named VM1.

You need to capture all the network traffic of VM1 by using Azure Network Watcher.

To which locations can the capture be written?

A. blob storage only

B. blob storage, a file path on VM1, and a premium storage account

C. a file path on VM1 only

D. blob storage and a file path on VM1 only

E. blob storage and a premium storage account only

F. a premium storage account only

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 2

Topic #: 4

[All AZ-700 Questions]

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. In a firewall policy, create a DNAT rule.

B. Create a network security group (NSG) and associate the NSG to Subnet2.

C. In a firewall policy, create a network rule.

D. In a firewall policy, create an application rule.

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 3

Topic #: 4

[All AZ-700 Questions]

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

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 4

Topic #: 4

[All AZ-700 Questions]

You have an Azure subscription that contains multiple virtual machines in the West US Azure region.

You need to use Traffic Analytics.

Which two resources should you create? Each correct answer presents part of the solution. (Choose two.)

NOTE: Each correct answer selection is worth one point.

A. an Azure Monitor workbook

B. a Log Analytics workspace

C. a storage account

D. an Azure Sentinel workspace

E. an Azure Monitor data collection rule

Show Suggested Answer

Actual exam question from Microsoft's AZ-700

Question #: 5

Topic #: 4

[All AZ-700 Questions]

HOTSPOT -

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

Name	Connected to
VM1	Vnet1/Subnet1
VM2	Vnet1/Subnet2

Subnet1 and Subnet2 are associated to a network security group (NSG) named NSG1 that has the following outbound rule:

- Priority: 100
- Port: Any
- Protocol: Any
- Source: Any
- Destination: Storage
- Action: Deny

You create a private endpoint that has the following settings:

- Name: Private1
- Resource type: Microsoft.Storage/storageAccounts
- Resource: storage1
- Target sub-resource: blob
- Virtual network: Vnet1
- Subnet: Subnet1

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
From VM2, you can create a container in storage1	○	○
From VM1, you can upload data to a blob storage container in storage1	○	○
From VM2, you can upload data to a blob storage container in storage1	○	○

Show Suggested Answer