

Microsoft

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions



NEW QUESTION 1

- (Exam Topic 2)

You are implementing the virtual network requirements for VM Analyze.

What should you include in a custom route that is linked to Subnet2? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Address prefix:

▼

0.0.0.0/0

0.0.0.0/32

10.1.0.0/16

255.255.255.255/0

255.255.255.255/32

Next hop type:

▼

None

Internet

Virtual appliance

Virtual network

Virtual network gateway

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

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

NEW QUESTION 2

- (Exam Topic 2)

Which virtual machines can VM1 and VM4 ping successfully? 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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Text Description automatically generated

Box 1: VM2, VM3 and VM4.

VM1 is in VNet1/Subnet1. VNet1 is peered with VNet2 and VNet3.

There are no NSGs blocking outbound ICMP from VNet1. There are no NSGs blocking inbound ICMP to VNet1/Subnet2, VNet2 or VNet3. Therefore, VM1 can

ping VM2 in VNet1/Subnet2, VM3 in VNet2 and VM4 in VNet3.
Box 2:
VM4 is in VNet3. VNet3 is peered with VNet1 and VNet2. There are no NSGs blocking outbound ICMP from VNet3. There are no NSGs blocking inbound ICMP to VNet1/Subnet1, VNet1/Subnet2 or VNet2 from VNet3 (NSG10 blocks inbound ICMP from VNet4 but not from VNet3). Therefore, VM4 can ping VM1 in VNet1/Subnet1, VM2 in VNet1/Subnet2 and VM3 in VNet2.

NEW QUESTION 3

- (Exam Topic 2)
What should you implement to meet the virtual network requirements for the virtual machines that connect to Vnet4 and Vnet5?

- A. a private endpoint
- B. a virtual network peering
- C. a private link service
- D. a routing table
- E. a service endpoint

Answer: B

Explanation:

There is no virtual network peering between VM4’s VNet (VNet3) and VM5’s VNet (VNet4). To enable the VMs to communicate over the Microsoft backbone network a VNet peering is required between VNet3 and VNet4.

NEW QUESTION 4

- (Exam Topic 2)
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
Currently, VM5 can resolve names in zone2.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
VM4 has an automatic registration in zone1.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
You can link zone2.contoso.com to Vnet3 and enable auto registration.	<input type="radio"/>	<input checked="" type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated
Box 1: No
Zone2.contoso.com is not linked to any virtual networks. Therefore, no VMs are able to resolve names in the zone.
Box 2: Yes
VM4 is in VNet3. Zone1.contoso.com has a link to VNet3 and auto-registration is enabled on the link. Box3: No
VNet3 is linked to zone1.contoso.com and auto-registration is enabled on the link. A virtual network can only have one registration zone. You can link zone2.contoso.com to VNet3 but you won’t be able to enable auto-registration on the link.

NEW QUESTION 5

- (Exam Topic 2)
In which NSGs can you use ASG1 and to which virtual machine network interfaces can you associate ASG1? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

NSGs:

NGS1 only

NSG1 and NSG2 only

NSG1, NSG2, and NSG5 only

NSG1, NSG2, NSG4, and NSG5 only

NSG1, NSG2, NSG3, NSG4, and NSG5

Virtual machines:

VM2 only

VM2 and VM5 only

VM2, VM4, and VM5 only

VM2, VM3, VM4, and VM5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
NGS1 only
VM2, VM3, VM4 and VM5

NEW QUESTION 6

- (Exam Topic 1)
You need to implement outbound connectivity for VMScaleSet1. The solution must meet the virtual networking requirements and the business requirements.
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

Create a health probe

Create a public load balancer in the Standard SKU

Create a public load balancer in the Basic SKU

Create a backend pool that contains VMScaleSet1

Create a NAT rule

Create an outbound rule

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Reference:
<https://docs.microsoft.com/en-us/azure/load-balancer/skus>
<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-outbound-connections#outboundrules>

NEW QUESTION 7

- (Exam Topic 1)
You need to restrict traffic from VMScaleSet1 to VMScaleSet2. The solution must meet the virtual networking requirements.
What is the minimum number of custom NSG rules and NSG assignments required? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Minimum number of custom NSG rules:

1

2

3

4

5

Minimum number of NSG assignments:

1

2

3

4

5

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated
Box 2: One NSG

The minimum requirement is one NSG. You could attach the NSG to VMScaleSet1 and restrict outbound traffic, or you could attach the NSG to VMScaleSet2 and restrict inbound traffic. Either way you would need two custom NSG rules.

Box 1: Two custom rules

With the NSG attached to VMScaleSet2, you would need to create a custom rule blocking all traffic from VMScaleSet1. Then you would need to create another custom rule with a higher priority than the first rule that allows traffic on port 443.

The default rules in the NSG will allow all other traffic to VMScaleSet2.

NEW QUESTION 8

- (Exam Topic 1)

You need to implement name resolution for the cloud.litwareinc.com. The solution must meet the networking requirements.

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

Answer Area

To implement automatic DNS name registration in cloud.litwareinc.com:

Create virtual network links
Configure conditional forwarding
Create an SOA record in cloud.litwareinc.com

To implement name resolution of the cloud.litwareinc.com DNS records from the on-premises locations:

Enable the Azure Firewall DNS proxy
Create SRV records in cloud.litwareinc.com
Deploy an Azure virtual machine configured as a DNS server to Vnet1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:
<https://docs.microsoft.com/en-us/azure/dns/private-dns-autoregistration>
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-name-resolution-for-vms-and-role-insta>

NEW QUESTION 9

- (Exam Topic 1)

You need to recommend a configuration for the ExpressRoute connection from the Boston datacenter. The solution must meet the hybrid networking requirements and business requirements.

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

Answer Area

Set the ExpressRoute gateway type to:

High Performance (ERGw2AZ)
Standard Performance (ERGw1AZ)
Ultra Performance (ERGw3AZ)

To minimize latency of traffic to Vnet2:

Create a dedicated ExpressRoute circuit for Vnet2
Connect Vnet2 directly to the ExpressRoute circuit
Configure gateway transit for the peering between Vnet1 and Vnet2

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

For the first question, only ExpressRoute GW SKU Ultra Performance support FastPath feature.

For the second question, vnet1 will connect to ExpressRoute gw, once Vnet1 peers with Vnet2, the traffic from on-premise network will bypass GW and Vnet1, directly goes to Vnet2, while this feature is under public preview.

====Reference

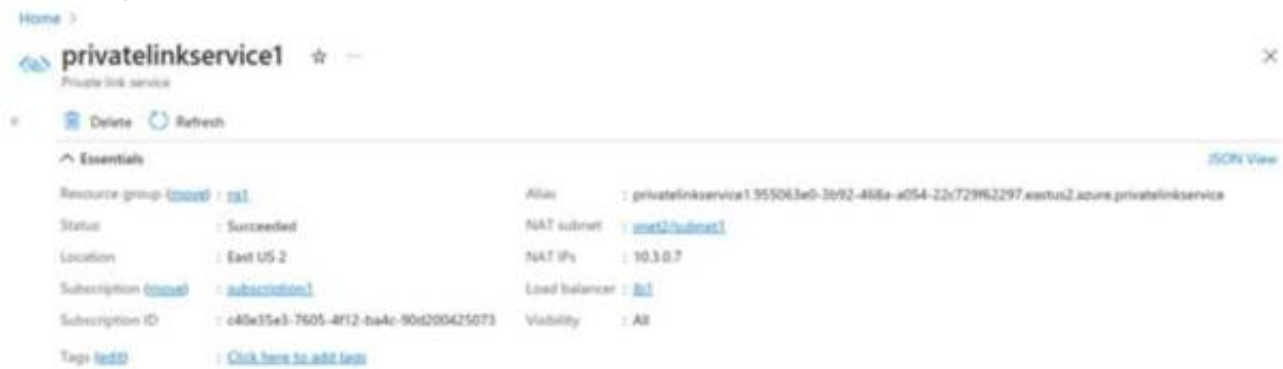
ExpressRoute virtual network gateway is designed to exchange network routes and route network traffic. FastPath is designed to improve the data path performance between your on-premises network and your virtual network. When enabled, FastPath sends network traffic directly to virtual machines in the virtual network, bypassing the gateway.

To configure FastPath, the virtual network gateway must be either: Ultra Performance

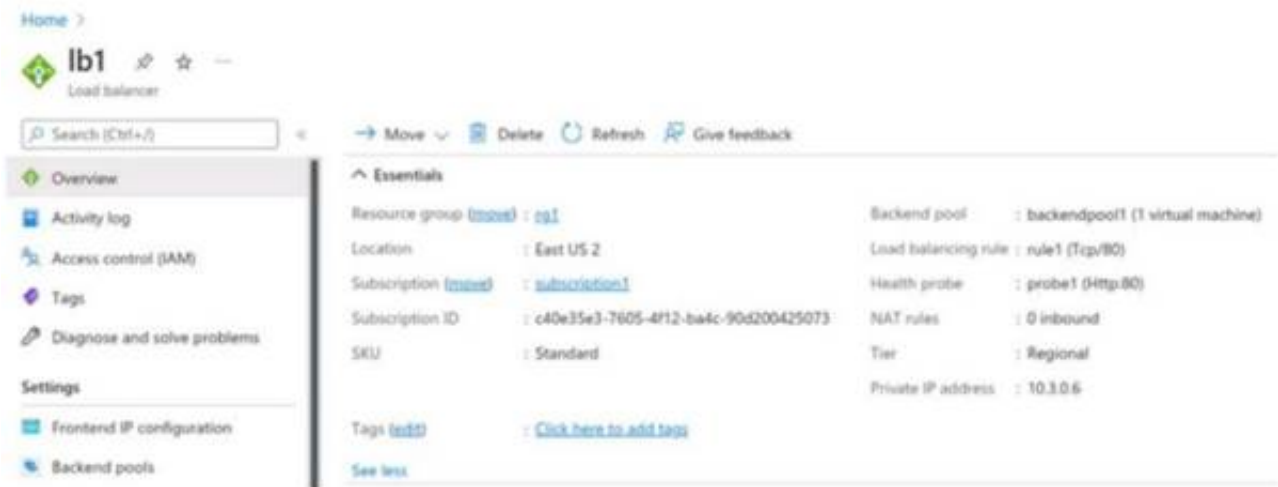
ErGw3AZ
VNet Peering - FastPath will send traffic directly to any VM deployed in a virtual network peered to the one connected to ExpressRoute, bypassing the ExpressRoute virtual network gateway.
https://docs.microsoft.com/en-us/azure/expressroute/about-fastpath Gateway SKU
https://docs.microsoft.com/en-us/azure/expressroute/expressroute-about-virtual-network-gateways

NEW QUESTION 10

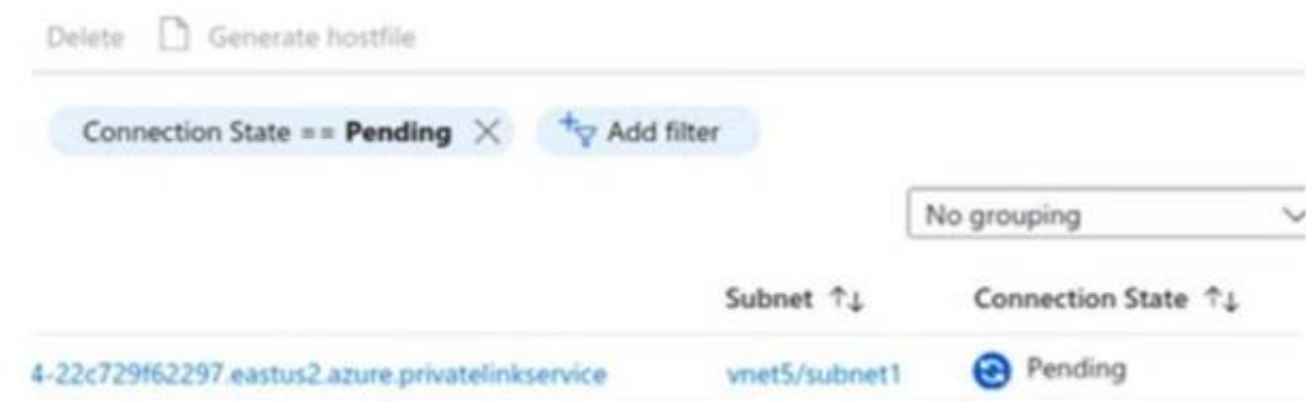
- (Exam Topic 3)
You have two Azure subscriptions named Subscription1 and Subscription2. There are no connections between the virtual networks in two subscriptions. You configure a private link service as shown in the privatelinkservice1 exhibit. (Click the privatelinkservice1 tab.)



You create a load balancer name in Subscription1 and configure the backend pool shown in the lb1 exhibit. (Click tie 1b1 tab.)



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



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

Statements	Yes	No
The resources that will be accessed by using privatelinkservice1 must be added to backendpool1 on LB1.	<input type="radio"/>	<input type="radio"/>
Users in Subscription2 can connect to the resources published by privatelinkservice1 by using IP address 10.3.0.7.	<input type="radio"/>	<input type="radio"/>
The private endpoint must be approved by an administrator in Subscription1.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:
Yes, Yes, No

NEW QUESTION 10

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

- A. geographic
B. weighted
C. performance

D. priority

Answer: D

NEW QUESTION 15

- (Exam Topic 3)

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 application gateway 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:

Routing rules:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
1, 2

NEW QUESTION 20

- (Exam Topic 3)

You have the network security groups (NSGs) shown in the following table.

Name	Resource	Prefix
NSG1	Subnet1	10.10.0.0/24
NSG2	Subnet2	10.10.1.0/24

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

Source	Priority	Port	Action
*	101	80	Allow
*	150	443	Allow
Virtual network	200	*	Deny

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

Name	Subnet
VM1	Subnet1
VM2	Subnet1
VM3	Subnet2

NSG2 has only the default rules configured. For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

NEW QUESTION 24

- (Exam Topic 3)

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 Local
- B. ExpressRoute FastPath
- C. ExpressRoute Direct
- D. ExpressRoute Global Reach

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-global-reach>

NEW QUESTION 28

- (Exam Topic 3)

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. Set Listener type to Multi site.
- B. Increase the Unhealthy threshold setting in the custom probe.
- C. Upload the public key certificate to the HTTPS settings.
- D. Enable the SSL profile for the listener.

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/application-gateway/end-to-end-ssl-portal>

<https://docs.microsoft.com/en-us/azure/application-gateway/create-ssl-portal#configuration-tab>

NEW QUESTION 30

- (Exam Topic 3)

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 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

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/traffic-manager/quickstart-create-traffic-manager-profile> <https://docs.microsoft.com/en-us/azure/app-service/configure-domain-traffic-manager>

NEW QUESTION 35

- (Exam Topic 3)

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

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-introduction>

NEW QUESTION 36

- (Exam Topic 3)

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. service endpoints
- D. service endpoint policies

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

NEW QUESTION 41

- (Exam Topic 3)

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

Name	IP address space
AzureFirewallSubnet	192.168.1.0/24
Subnet2	192.168.2.0/24

You deploy an Azure firewall to AzureFirewallSubnet. You route all traffic from Subnet2 through the firewall. You need to ensure that all the hosts on Subnet2 can access an external site located at https://*.contoso.com. What should you do?

- A. Create a network security group (NSG) and associate the NSG to Subnet2.
- B. In a firewall policy, create an application rule.
- C. In a firewall policy, create a DNAT rule.
- D. In a firewall policy, create a network rule.

Answer: B

NEW QUESTION 45

- (Exam Topic 3)

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



You have the Azure firewall shown in the Firewall 1 exhibit. (Click the Firewall tab.)

All servicesFirewalls

Firewall1

Firewall

Delete

Lock

Visit Azure Firewall Manager to configure and manage this firewall.

Essentials

Resource group (change)

RG1

Location

North Europe

Subscription (change)

Visual Studio Premium with MSDN

Subscription ID

8372f433-2dcd-4361-b5ef-5b168fed87d0

Virtual network

Vnet1

Firewall policy

FirewallPolicy

Provisioning state

Succeeded

Tags (change)

Click here to add tags

Firewall sku

Standard

Firewall subnet

AzureFirewallSubnet

Firewall public IP

Firewall1-IP1

Firewall private IP

10.100.253.4

Management subnet

Management public IP

Private IP Ranges

Managed by Firewall Policy

JSON View

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

All servicesRoute tables

RouteTable1

Route table

Move

Delete

Refresh

Give feedback

Essentials

Resource group (change)

RG1

Location

North Europe

Subscription (change)

Visual Studio Premium with MSDN

Subscription ID

8372f433-2dcd-4361-b5ef-5b168fed87d0

Tags (change)

Click here to add tags

Associations

1 subnet associations

JSON View

Routes

Search routes

Name	Address prefix	Next hop type	Next hop IP address
Route1	10.1.0.0/16	virtual network gateway	
Route2	0.0.0.0/0	Virtual appliance	10.100.253.4

Subnets

Search subnets

Name	Address range	Virtual network	Security group
Subnet1	10.100.1.0/24	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	<div>YesNo</div>
The resources in Subnet1 can connect to the internet through Firewall1.	<div><div></div><div></div></div>
The resources in Subnet1 can connect to the resources in Vnet2.	<div><div></div><div></div></div>
The resources in Subnet2 can connect to the internet through Firewall1.	<div><div></div><div></div></div>

A. Mastered

B. Not Mastered

Answer: A

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Explanation:

Answer Area

Statements	Yes	No
The resources in Subnet1 can connect to the internet through Firewall1.	<input checked="" type="radio"/>	<input type="radio"/>
The resources in Subnet1 can connect to the resources in Vnet2.	<input checked="" type="radio"/>	<input type="radio"/>
The resources in Subnet2 can connect to the internet through Firewall1.	<input type="radio"/>	<input type="radio"/>

NEW QUESTION 46

- (Exam Topic 3)

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

Answer: A

NEW QUESTION 49

- (Exam Topic 3)

You have an Azure virtual network that contains a subnet named Subnet1. Subnet1 is associated to a network security group (NSG) named NSG1. NSG1 blocks all outbound traffic that is not allowed explicitly. Subnet1 contains virtual machines that must communicate with the Azure Cosmos DB service. You need to create an outbound security rule in NSG1 to enable the virtual machines to connect to Azure Cosmos DB. What should you include in the solution?

- A. a service tag
- B. a private endpoint
- C. a subnet delegation
- D. an application security group

Answer: A

Explanation:

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

NEW QUESTION 50

- (Exam Topic 3)

You have an Azure Virtual Desktop deployment that has 500 session hosts. All outbound traffic to the internet uses a NAT gateway. During peak business hours, some users report that they cannot access internet resources. In Azure Monitor, you discover many failed SNAT connections. You need to increase the available SNAT connections. What should you do?

- A. Add a public IP address.
- B. Bind the NAT gateway to another subnet.
- C. Deploy Azure Standard Load Balancer that has outbound rules.

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/virtual-network/nat-gateway/nat-gateway-resource>

NEW QUESTION 55

- (Exam Topic 3)

You have an Azure Front Door instance named FrontDoor1. You deploy two instances of an Azure web app to different Azure regions. You plan to provide access to the web app through FrontDoor1 by using the name app1.contoso.com. You need to ensure that FrontDoor1 is the entry point for requests that use app1.contoso.com.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Add a PTR record to DNS.

Add a CNAME record to DNS.

Add a routing rule to FrontDoor1.

Add a custom domain to FrontDoor1.

Add a rules engine configuration to FrontDoor1.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Table Description automatically generated

NEW QUESTION 57

- (Exam Topic 3)
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

Answer: AD

Explanation:
Reference:
<https://docs.microsoft.com/en-us/azure/vpn-gateway/bgp-howto>

NEW QUESTION 61

- (Exam Topic 3)
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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Table Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-route-matching>

NEW QUESTION 65

- (Exam Topic 3)

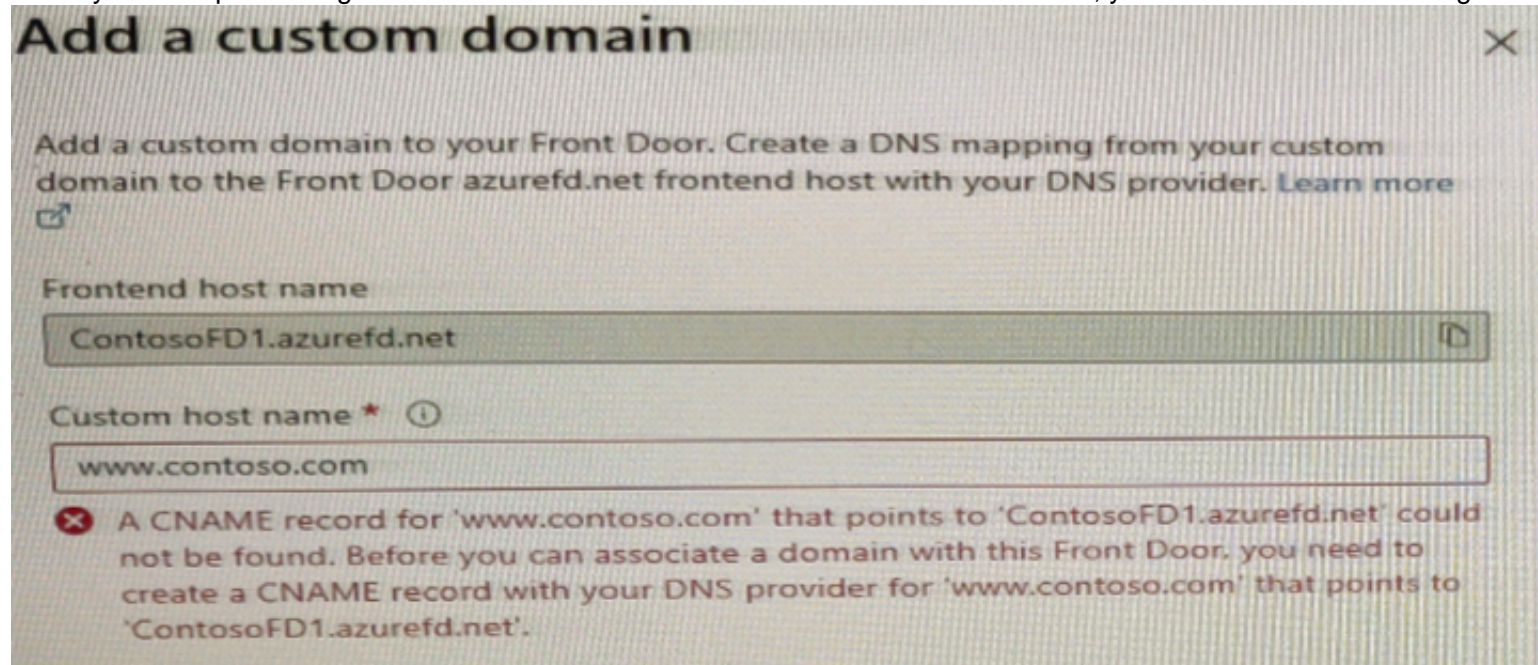
You have a website that uses an FQDN of www.contoso.com. The DNS record for www.contoso.com resolves to an on-premises web server.

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

You build the website on Web1.

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

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



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

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

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-custom-domain#map-the-temporary-afdverify-subd>

NEW QUESTION 69

- (Exam Topic 3)

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

You deploy an Azure App Service app named App1 to the West Europe region.

You need to provide App1 with access to the resources in Vnet1. The solution must minimize costs. What should you do first?

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

Answer: B

Explanation:

Virtual network integration depends on a dedicated subnet.

<https://docs.microsoft.com/en-us/azure/app-service/overview-vnet-integration#regional-virtual-network-integrat> For outgoing traffic from Web App to vnet, it will go through Internet, so the cost not the minimum.

The connection between the Private Endpoint and the Web App uses a secure Private Link. Private Endpoint is only used for incoming flows to your Web App.


Outgoing flows will not use this Private Endpoint, but you can inject outgoing flows to your network in a different subnet through the VNet integration feature.

<https://docs.microsoft.com/en-us/azure/app-service/networking/private-endpoint#conceptual-overview>

NEW QUESTION 71


- (Exam Topic 3)



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, (Click the NATgateway1 tab)



NATgateway1

NAT gateway



»  Delete  Refresh

^ Essentials

[JSON View](#)

Resource group [\(change\)](#)

Location

Subscription [\(change\)](#)

Subscription ID

Virtual network

Subnets

Public IP addresses

Public IP prefixes

Tags [\(change\)](#)

: RG1

: North Europe (Zone 1)

: Subscription1

: 489f2hht-se7y-987v-g571-463hw3679512

: Vnet1


: 1

: 0

: 1


: [Click here to add tags](#)








You have the virtual machine shown in the VM1 exhibit, (Click the VM1 tab)



VM1

Virtual machine



»  Connect  Start  Restart  Stop  Capture  Delete  Refresh

^ Essentials

Resource group [\(change\)](#)

Status

Location

Subscription [\(change\)](#)

Subscription ID

Availability zone

Tags [\(change\)](#)

RG1

Running

North Europe (Zone 2)

Subscription1

489f2hht-se7y-987v-g571-463hw3679512

2

[Click here to add tags](#)

Operating system

Size

Public IP address

Virtual network/subnet

DNS name

Windows

Standard B1s (1 vcpus, 1 GiB memory)

Vnet1/Subnet1

Subnet1 is configured as shown in the Subnet1 exhibit, (Click the Subnet1 tab)

Subnet1

Vnet1

Name

Subnet1

Subnet address range * ⓘ

10.100.1.0/24

10.100.1.0 – 10.100.1.255 (251 + 5 Azure reserved addresses)

☐ Add IPv6 address space ⓘ

NAT gateway ⓘ

NATgateway1

Network security group

None

Route table

RouteTable1

SERVICE ENDPOINTS

Create service endpoint policies to allow traffic to specific azure resources from your virtual network over service endpoints. [Learn more](#)

Services ⓘ


Microsoft.Storage

Service

Microsoft.Storage

Status

Succeeded



Service endpoint policies

0 selected

SUBNET DELEGATION

Delegate subnets to a service ⓘ

None

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

Statements	Yes	No
VM1 can communicate outbound by using NATgateway1	<input type="radio"/>	<input type="radio"/>
The virtual machines in Subnet2 communicate outbound by using NATgateway1	<input type="radio"/>	<input type="radio"/>
All the virtual machines that use NATgateway1 to connect to the internet use the same public IP address	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Box 1: No

VM1 is in Zone2 whereas the NAT Gateway is in Zone1. The VM would need to be in the same zone as the NAT Gateway to be able to use it. Therefore, VM1 cannot use the NAT gateway.

Box 2: Yes

NATgateway1 is configured in the settings for Subnet2.

Box 3: No

The NAT gateway does not have a single public IP address, it has an IP prefix which means more than one IP address. The VMs the use the NAT Gateway can use different public IP addresses contained within the IP prefix.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/nat-gateway/nat-gateway-resource>

NEW QUESTION 73

- (Exam Topic 3)

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.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

:
Add IPv6 configuration to NIC. "Configure all of the VM NICs with an IPv6 address using Add-AzNetworkInterfaceIpConfig"
Source: <https://docs.microsoft.com/en-us/azure/load-balancer/ipv6-add-to-existing-vnet-powershell>

NEW QUESTION 74

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

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

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

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

Answer: C

Explanation:

One integration subnet is required per App Service Plan regardless of how many apps are running in the App Service Plan.
Reference:
<https://docs.microsoft.com/en-us/azure/app-service/overview-vnet-integration>

NEW QUESTION 77

- (Exam Topic 3)
You have an Azure subscription that contains the resources shown in the following table.

Name	Type	Location
WebApp1	Web app	West US
VNet1	Virtual network	East US

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

Basic IP Addresses Security Tags Review + create

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

IPv4 address space

10.3.0.0/16 10.3.0.0 - 10.3.255.255 (65536 addresses) 

☐ Add IPv6 address space ⓘ

The subnet's address range in CIDR notation (e.g. 192.168.1.0/24). It must be contained by the address space of the virtual network.

 Add subnet  Remove subnet

<input type="checkbox"/> Subnet name	Subnet address range	NAT gateway
<input type="checkbox"/> Subnet1	10.3.0.0/16	

 Use of a NAT gateway is recommended for outbound internet access from a subnet. You can deploy a NAT gateway and assign it to a subnet after you create the virtual network. [Learn more](#)

You need to ensure that you can integrate WebApp1 and Vnet1.
Which three actions should you perform in sequence before you can integrate WebApp1 and Vnet1? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create a service endpoint

Deploy a VPN gateway

Add a private endpoint

Modify the address space of Vnet1

Configure a Point-to-Site (P2S) VPN

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated with medium confidence
Reference:
<https://docs.microsoft.com/en-us/azure/app-service/web-sites-integrate-with-vnet#gateway-required-vnet-integra>

NEW QUESTION 78
- (Exam Topic 3)
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

Answer Area

Traffic from West Europe:

▼

App1

App2

App4

App5

Traffic from West US:

▼

App1

App2

App3

App6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-nested-profiles>

Traffic from West Europe:

Based on TM1 table, West Europe will trigger TM2. However, as the MinChildEndpoint is set to 2, and App4 is degraded (down), the entire TM2 will not be considered available.

This goes back to the origin TM1 that uses performance traffic-routing method, which means the closest location is App1 and naturally be the next best performance instance.

Hence, Answer = App1

Traffic from West US:

Based on TM1 table, West US will trigger TM3. However, both App2 and App6 were degraded (down), so none of them can be considered.

This goes back to the original TM1 that uses performance traffic-routing method, from TM1, the other 2 US locations would be App2 and App3. But App2 we know it's already degraded (unavailable), hence the only option would be App3.

Answer = App3

NEW QUESTION 83

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