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Question 1

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 are

a. NOTE: Each correct selection is worth one point.

Answer Area

Answer:

Question 2

Question Type: MultipleChoice

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

You have an Azure subscription that contains a virtual network name Vnet1. Vnet1 contains a virtual machine named VM1 and an Azure firewall named FW1.

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

You have an Azure Firewall Policy named FP1 that is associated to FW1.

You need to ensure that RDP requests to the public IP address of FW1 route to VM1.

What should you configure on FP1?

Options:

A- an application rule

B- a network rule

C- URL filtering

D- a DNAT rule

Answer:

D

Question 3

Question Type: **MultipleChoice**

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

Name	Type	Description
VNet1	Virtual network	Contains a subnet named Subnet1
Subnet1	Virtual subnet	Part of VNet1
NSG1	Network security group (NSG)	Linked to Subnet1
ASG1	Application security group	Not linked

Subshell contains Three virtual machines that host an app named App1. App1 is accessed by using the SFTP protocol.

From NSG1. you configure an inbound security rule named Rule2 that allows inbound SFTP connections to ASG1.

You need to ensure that the inbound SFTP connections are managed by using ASG1. The solution must minimize administrative effort.

What should you do?

Options:

A- From NSG1. modify the priority of Rule2.

B- From each virtual machine, associate the network interface to ASG1

C- From Subnet1 create a subnet delegation.

D- From ASG1, modify the role assignments.

Answer:

B

Question 4

Question Type: OrderList

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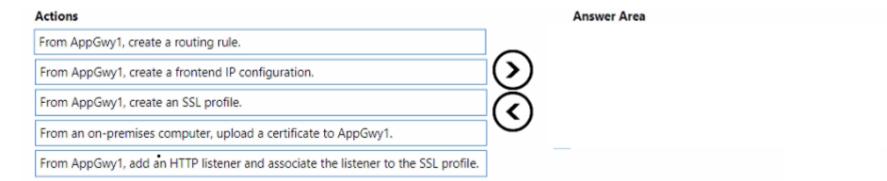
You have an Azure subscription.

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.

Actions

| From AppGwy1, create a routing rule. |
| From AppGwy1, create a frontend IP configuration. |
| From AppGwy1, create an SSL profile. |
| From an on-premises computer, upload a certificate to AppGwy1. |
| From AppGwy1, add an HTTP listener and associate the listener to the SSL profile. |

Answer Area

Answer:

From AppGwy1, create an SSL profile. From AppGwy1, add an HTTP listener and associate the listener to the SSL profile.

Question 5

Question Type: 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: rule! (Tcp/80)

* Health probe: probe1 (Http:80)

* NAT rules; 0 inbound

The backend pool of LB1 has the following configurations:

* Name: backend I

* Virtual network: Vnet1

* 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: vm49SI

* 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.	○	○

Answer:

Question 6

Question Type: MultipleChoice

You have an Azure subscription that contains the Azure app service web apps show 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.

Options:

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 tabrikam.com

E- a real user measurements key in Traffic Manager

Answer:

A, C

Question 7

You have an on-premises datacenter.

You have an Azure subscription that contains 10 virtual machines and a virtual network named VNe1l 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 VNetl1by using ExpressRoute. The solution must meet the following requirements:

* Maintain connectivity to the virtual machines if two availability zones fail.

* Support 1000-Mbps connections-

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

a. NOTE: Each correct selection is worth one point.

Answer:

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 circuits: : Three ExpressRoute Standard circuits ▼

Question 8

Question Type: Hotspot

Minimum number of ExpressRoute gateways: One ExpressRoute gateway of the ErGw1AZ SKU ▼

| One ExpressRoute gateway of the ErGw1AZ SKU |
| One ExpressRoute gateway of the High performance SKU |
| Two ExpressRoute gateways of the ErGw1AZ SKU |
| Two ExpressRoute gateways of the High performance SKU |
| Three ExpressRoute gateways of the ErGw1AZ SKU |
| Three ExpressRoute gateways of the High performance SKU |

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

. . .

Answer: `$policy =`

New-AzIpsecPolicy	▼

`-IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsecEncryption AES256`

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

`-Ipsec:n` `imeSeconds 14400 -SADataSizeKilobytes 102400000`

Question 9

Question Type: DragDrop

New-AzVirtualNetworkGatewayConnection	▼

`-Name $Connection16 -ResourceGroupName $RG1 -VirtualNetworkGateway1 $vnet1gw`

| New-AzVirtualHub |
| New-AzVirtualNetworkGateway |
| New-AzVirtualNetworkGatewayConnection |

`ion1 -ConnectionType IPsec -IpsecPolicies $policy -SharedKey 'AzureA1b2C3'`

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

You have a partner company named fabrikam, has an Azure subscription that contains a virtual network named Vnet1 and a virtual machine named VM1, VM1 is connected to Vnet2

You need to provide VM1 with accesss to SQL 1 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.

Resources

A NAT gateway vay

Answer:

A peering link ink

A private endpoint int

A service endpoint int

An Azure application gateway way

An Azure load balancer ncer

Answer Area

Vnet1: [   ]

Vnet2: [   ]