

Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions

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



NEW QUESTION 1

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)

Answer: B

NEW QUESTION 2

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 ExoessRoute circuits. The solution must minimize costs.

Answer Area

ExpressRoute configuration:

Global Reach
Direct
FastPath
Global Reach
Premium

Peering:

Private
Microsoft
Private
Public

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

ExpressRoute configuration: Global Reach

Peering: Private

NEW QUESTION 3

SIMULATION - (Topic 4)

Task 4

You need to ensure that connections to the storage34280945 storage account can be made by using an IP address in the 10.1.1.0/24 range and the name storage34280945.pnvatelinlcblob.core.windows.net.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Here are the steps and explanations for ensuring that connections to the storage34280945 storage account can be made by using an IP address in the 10.1.1.0/24 range and the name stor-age34280945.pnvatelinlcblob.core.windows.net:

? To allow access from a specific IP address range, you need to configure the Azure Storage firewall and virtual network settings for your storage account. You can do this in the Azure portal by selecting your storage account and then selecting Networking under Settings1.

? On the Networking page, select Firewalls and virtual networks, and then select Selected networks under Allow access from1. This will block all access to your storage account except from the networks or resources that you specify.

? Under Firewall, select Add rule, and then enter 10.1.1.0/24 as the IP address or range. You can also enter an optional rule name and description1. This will allow access from any IP address in the 10.1.1.0/24 range.

? Select Save to apply your changes1.

- ? To map a custom domain name to your storage account, you need to create a CNAME record with your domain provider that points to your storage account endpoint2. A CNAME record is a type of DNS record that maps a source domain name to a destination domain name.
- ? Sign in to your domain registrar’s website, and then go to the page for managing DNS settings2.
- ? Create a CNAME record with the following information2:
- ? Save your changes and wait for the DNS propagation to take effect2.
- ? To register the custom domain name with Azure, you need to go back to the Azure portal and select your storage account. Then select Custom domain under Blob service2.
- ? On the Custom domain page, enter stor- age34280945.pnvtatelnlcblob.core.windows.net as the custom domain name and select Save2.

NEW QUESTION 4

HOTSPOT - (Topic 4)

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 same custom route table

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:

User-defined routes

Azure Route Server on a dedicated subnet

Azure VPN Gateway on a dedicated subnet

User-defined routes

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

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

A custom route table and associate the routes with the same custom route table

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:

User-defined routes

Azure Route Server on a dedicated subnet

Azure VPN Gateway on a dedicated subnet

User-defined routes

NEW QUESTION 5

SIMULATION - (Topic 4)

Task 3

You plan to implement an Azure application gateway in the East US Azure region. The application gateway will have Web Application Firewall (WAF) enabled.
You need to create a policy that can be linked to the planned application gateway. The policy must block connections from IP addresses in the 131.107.150.0/24 range. You do NOT need to provision the application gateway to complete this task.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- Here are the steps and explanations for creating a policy that can be linked to the planned application gateway and block connections from IP addresses in the 131.107.150.0/24 range:
- ? To create a policy, you need to go to the Azure portal and select Create a resource. Search for WAF, select Web Application Firewall, then select Create1.
 - ? On the Create a WAF policy page, Basics tab, enter or select the following information and accept the defaults for the remaining settings:
 - ? On the Custom rules tab, select Add a rule to create a custom rule that blocks connections from IP addresses in the 131.107.150.0/24 range2. Enter or select the following information for the custom rule:
 - ? On the Review + create tab, review your settings and select Create to create your WAF policy1.
 - ? To link your policy to the planned application gateway, you need to go to the Application Gateway service in the Azure portal and select your application gateway3.
 - ? On the Web application firewall tab, select your WAF policy from the drop-down list and select Save

NEW QUESTION 6

HOTSPOT - (Topic 3)

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

https://20.25.32.214:80/healthprobe

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

https://20.25.32.214:80/healthprobe

NEW QUESTION 7

- (Topic 3)

You have an Azure application gateway named AGW1 that has a routing rule named Rule1. Rule 1 directs traffic for http://www.contoso.com to a backend pool named Pool1. Pool1 targets an Azure virtual machine scale set named VMSS1.

You deploy another virtual machine scale set named VMSS2.

You need to configure AGW1 to direct all traffic for http://www.adatum.com to VMSS2. The solution must ensure that requests to http://www.contoso.com continue to be directed to Pool1.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Add a backend pool.
 B. Modify an HTTP setting.
 C. Add an HTTP setting.
 D. Add a listener.
 E. Add a rule.

Answer: ADE

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/application-gateway/configuration-overview>

NEW QUESTION 8

HOTSPOT - (Topic 3)

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

Name	Virtual network	Subnet	Workload
SQL1	VNet1	Subnet1	Microsoft SQL Server 2019
Web1	VNet1	Subnet1	IIS
Web2	VNet1	Subnet2	IIS
SQL2	VNet2	Subnet1	Microsoft SQL Server 2019
Web3	VNet2	Subnet1	IIS
SQL3	VNet2	Subnet2	Microsoft SQL Server 2019

VNet1 and VNet2 are NOT connected to each other.

You need to block traffic from SQL Server 2019 to IIS by using application security groups. The solution must minimize administrative effort.

How should you configure the application security groups? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area:

Minimum number of application security groups:

1
2
3
6

Minimum number of application security group assignments:

1
2
3
6

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

2 ASGs e 3 assignments,

"All network interfaces assigned to an application security group have to exist in the same virtual network that the first network interface assigned to the application security group is in."

<https://learn.microsoft.com/en-us/azure/virtual-network/application-security-groups>

NEW QUESTION 9

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the following resources:

- * A virtual network named Vnet1
- * A subnet named Subnet1 in Vnet1
- * A virtual machine named VM1 that connects to Subnet1
- * Three storage accounts named storage1, storage2, and storage3

You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.

Solution: You create a network security group (NSG) and associate the NSG to Subnet1. Does this meet the goal?

- A. Yes
B. No

Answer: B

NEW QUESTION 10

- (Topic 3)

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.

Answer: B

NEW QUESTION 10

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled.

You configure the application gateway to direct traffic to the URL of the application gateway.

You attempt to access the URL and receive an HTTP 403 error. You view the diagnostics log and discover the following error.

```
{
  "timestamp": "2021-04-02T18:13:45+00:00",
  "resourceId": "/SUBSCRIPTIONS/489f2hht-se7y-987v-g57l-463hw3479512/RESOURCEGROUPS/rgl/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": "f7546159yhjk?wall4568if5131t48h7",
    "policyId": "default",
    "policyScope": "Global",
    "popolicyScopeName": "Global",
  }
}
```

You need to ensure that the URL is accessible through the application gateway. Solution: You add a rewrite rule for the host header. Does this meet the goal?

- A. Yes
B. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/application-gateway/rewrite-http-headers-url#limitations>

NEW QUESTION 12

HOTSPOT - (Topic 3)

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:	<div><div>One Standard virtual WAN</div><div>One Basic virtual WAN</div><div>One Standard virtual WAN</div><div>Two Basic virtual WANs</div><div>Two Standard virtual WANs</div><div>Four virtual network gateways</div></div>
Virtual WAN hub:	<div><div>Two virtual WAN hubs</div><div>One virtual WAN hub</div><div>Two virtual WAN hubs</div><div>Four virtual WAN hubs</div><div>Five virtual WAN hubs</div></div>
Virtual network gateway:	<div><div>Four virtual network gateways</div><div>One virtual network gateway</div><div>Two virtual network gateways</div><div>Four virtual network gateways</div><div>Five virtual network gateways</div></div>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Virtual WAN: One Standard virtual WAN
One Basic virtual WAN
One Standard virtual WAN
Two Basic virtual WANs
Two Standard virtual WANs
Four virtual network gateways

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

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

NEW QUESTION 16

DRAG DROP - (Topic 3)

You have an Azure virtual network named Vnet1 that connects to an on-premises network.

You have an Azure Storage account named storageaccount1 that contains blob storage.

You need to configure a private endpoint for the blob storage. The solution must meet the following requirements:

? Ensure that all on-premises users can access storageaccount1 through the private endpoint.

? Prevent access to storageaccount1 from being interrupted.

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

Actions

Answer Area

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



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 168.63.129.16 is the IP address of Azure DNS which hosts Azure Private DNS zones. It is only accessible from within a VNet which is why we need to forward on-prem DNS requests to the VM running DNS in the VNet. The VM will then forward the request to Azure DNS for the IP of the storage account private endpoint.

NEW QUESTION 21

HOTSPOT - (Topic 3)

You have an Azure application gateway named AppGW1 that provides access to the following hosts:

- * www.adatum.com
- * www.contoso.com
- * www.fabrikam.com

AppGW1 has the listeners shown in the following table.

Name	Frontend IP address	Type	Host name
Listen1	Public	Multi site	www.contoso.com
Listen2	Public	Multi site	www.fabrikam.com
Listen3	Public	Multi site	www.adatum.com

You create Azure Web Application Firewall (WAF) policies for AppGW1 as shown in the following table.

Name	Policy mode	Custom rule		
		Priority	Condition	Association
Policy1	Prevention	50	If IP address does contain 131.107.10.15 then deny traffic.	Application gateway: AppGW1
Policy2	Detection	10	If IP address does contain 131.107.10.15 then allow traffic.	HTTP listener: Listen1
Policy3	Prevention	70	If IP address does contain 131.107.10.15 then allow traffic.	HTTP listener: Listen2

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
From 131.107.10.15, you can access www.contoso.com.	<input type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.fabrikam.com.	<input type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.adatum.com.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

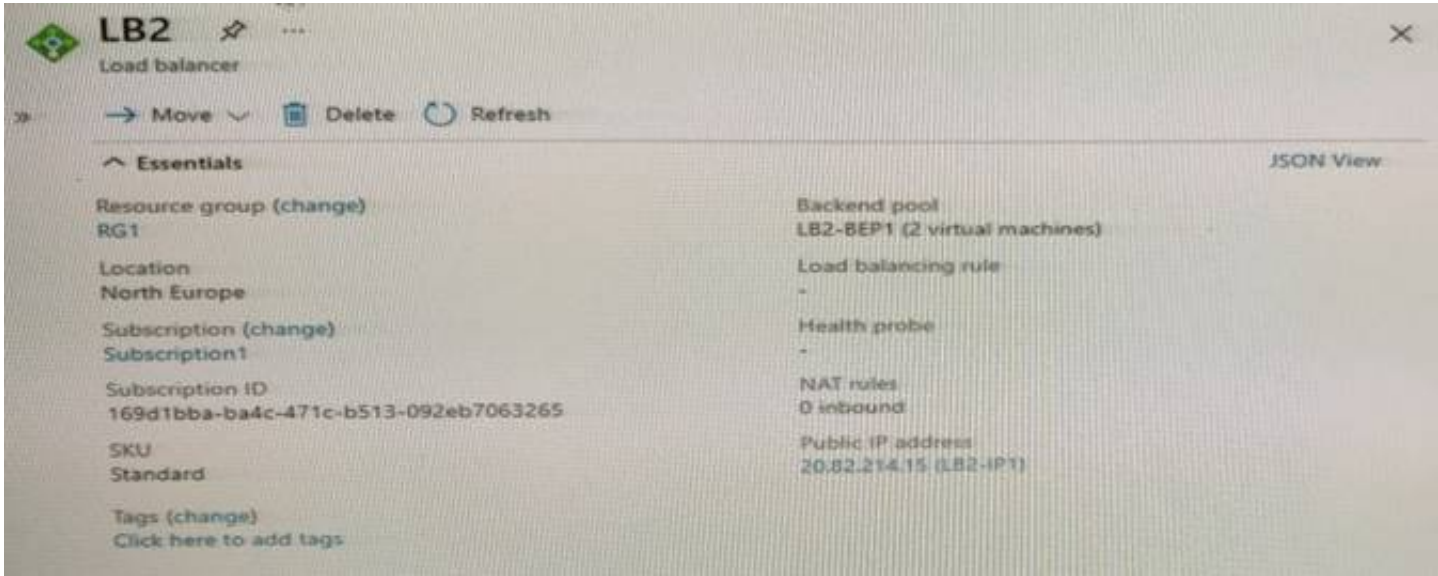
Answer: A

Explanation:

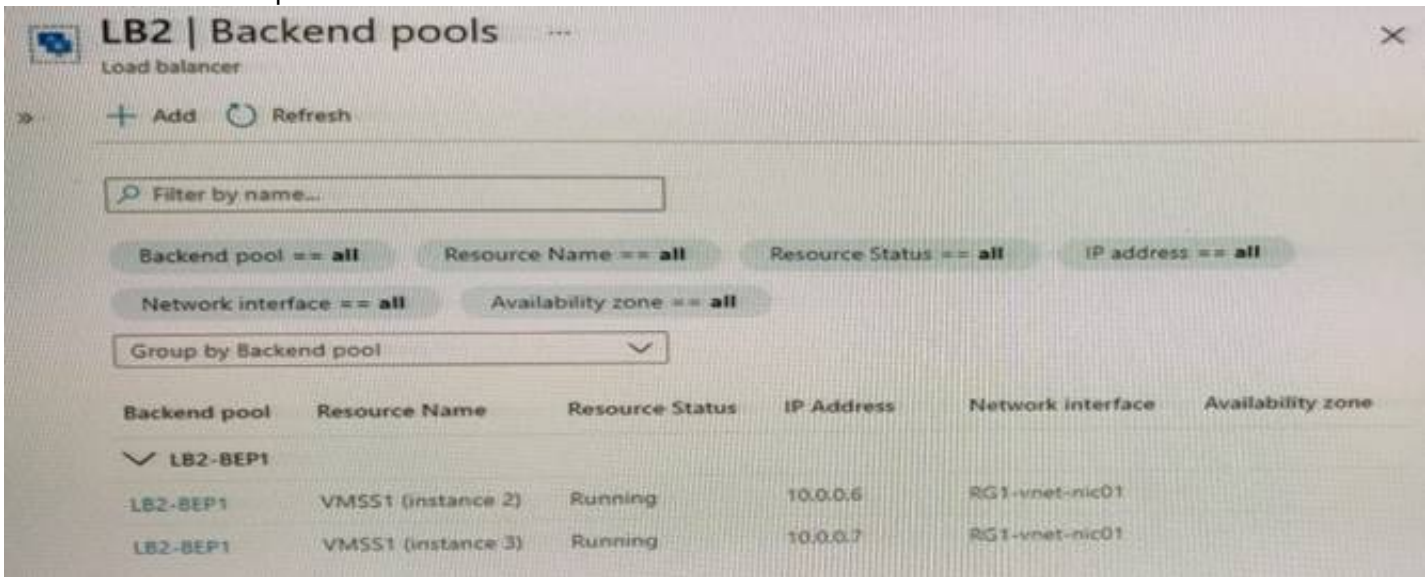
Statements	Yes	No
From 131.107.10.15, you can access www.contoso.com.	<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.fabrikam.com.	<input checked="" type="radio"/>	<input type="radio"/>
From 131.107.10.15, you can access www.adatum.com.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 23

- (Topic 3)
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. Configure a health probe.
- C. Add a public IP address to each member of VMSS1.
- D. Add a load balancing rule.

Answer: BD

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/load-balancer/quickstart-load-balancer-standard-public-portal?tabs=option-1-create-load-balancer-standard>

NEW QUESTION 28

- (Topic 3)
Your company has offices in Montreal. Seattle, and Paris. The outbound traffic from each office originates from a specific public IP address.

You create an Azure Front Door instance named FD1 that has Azure Web Application Firewall (WAF) enabled. You configure a WAF policy named Policy1 that has a rule named Rule1. Rule1 applies a rate limit of 100 requests for traffic that originates from the office in Montreal. You need to apply a rate limit of 100 requests for traffic that originates from each office. What should you do?

- A. Modify the conditions of Rule1.
- B. Create two additional associations.
- C. Modify the rule type of Rule1.
- D. Modify the rate limit threshold of Rule1.

Answer: A

Explanation:

<https://techcommunity.microsoft.com/t5/azure-network-security-blog/rate-limiting-feature-for-azure-waf-on-application-gateway-now/ba-p/3934957#:~:text=Rate%20limiting%20is%20configured%20using,and%20a%20group%20by%20variable.>

NEW QUESTION 32

HOTSPOT - (Topic 3)

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.

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.		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
VM2 can be added to the backend pool of Lb2.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VM4 can access VM3 via port 1433 by using the frontend address of Lb2.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
VM1 can be accessed via port 80 from the internet by using the frontend address of Lb1.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

NEW QUESTION 36

- (Topic 3)

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

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

Answer: A

Explanation:

Reference:

<https://azure.microsoft.com/en-us/pricing/details/expressroute/>

NEW QUESTION 38

HOTSPOT - (Topic 3)

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 connect selection is worth one point.

Answer Area

Statements	Yes	No
A user that requests site1.contoso.com from the East US Azure region will connect to site1.us.contoso.com.	<input type="radio"/>	<input type="radio"/>
A user that requests site2.contoso.com from the East US Azure region will connect to site2.uk.contoso.com.	<input type="radio"/>	<input type="radio"/>
A user that requests site2.contoso.com from the Japan East Azure region will connect to site2.japan.contoso.com.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A user that requests site1.contoso.com from the East US Azure region will connect to site1.us.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
A user that requests site2.contoso.com from the East US Azure region will connect to site2.uk.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>
A user that requests site2.contoso.com from the Japan East Azure region will connect to site2.japan.contoso.com.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 42

HOTSPOT - (Topic 3)

You have an Azure application gateway named AppGw1.

You need to create a rewrite rule for AppGw1. The solution must rewrite the URL of requests from https://www.contoso.com/fashion/shirts to https://www.contoso.com/buy.aspx?category=fashion&product=shirts.

How should you complete the rule? To answer NOTE: Each correct selection is worth one point appropriate options in the answer area.

Answer Area

If server variable: query_string equals to the pattern /(.)/(.)

Set: content_type to buy.aspx and category={var_uri_path_1}&product={var_uri_path_2}

query_string

uri_path

Request Header (Common Header) to buy.aspx and category={var_uri_path_1}&product={var_uri_path_2}

Request Header (Common Header)

Response Header (Common Header)

URL (Both URL path and URL query string)

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

If server variable: query_string equals to the pattern /(.)/(.)

Set: content_type to buy.aspx and category={var_uri_path_1}&product={var_uri_path_2}

query_string

uri_path

Request Header (Common Header) to buy.aspx and category={var_uri_path_1}&product={var_uri_path_2}

Request Header (Common Header)

Response Header (Common Header)

URL (Both URL path and URL query string)

NEW QUESTION 46

- (Topic 3)

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 Azure Application Gateway v2

C. Azure Standard Load Balancer

D. Azure Application Gateway v2

Answer: C

NEW QUESTION 51

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it as a result, these questions will not appear in the review screen.

You have an Azure subscription that contains an Azure Front Door Premium profile named AFD1 and an Azure Web Application Firewall (WAF) policy named WAF1. AFD1 is associated with WAF1.

You need to configure a rate limit for incoming requests to AFD1. Solution: You configure a managed rule for WAF1.

Does this meet the goal?

A. Yes

B. No

Answer: B

NEW QUESTION 54

DRAG DROP - (Topic 3)

Your company, named Contoso, Ltd, has an Azure subscription that contains the resources show 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 requirement:

- 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, the appropriate number to the correct component. Each number may be used once, more than once, or not at all. You may need to drag the spilt bar between panes scroll to view content:

Note: Each correct selection is worth one point.

Number

1

2

3

4

Answer Area

Backend pools:

Routing rules:

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Number

1

2

3

4

Answer Area

Backend pools:

2

Routing rules:

2

NEW QUESTION 58

DRAG DROP - (Topic 3)

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

You have an Azure virtual WAN named VWAN1 that has a hub named Hub1. Hub1 connects two of the three on-premises sites by using a Site-to-Site VPN connection.

You need to connect the third site to the other two sites by using Hub1.

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

Actions

Download the VPN configuration file from VWAN1

In a Hub1, create a VPN gateway

In a Hub1, create a VPN site

In a Hub1, create a connection to the VPN site

Configure the VPN device

Answer Area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Download the VPN configuration file from VWAN1

In a Hub1, create a VPN gateway

In a Hub1, create a VPN site

In a Hub1, create a connection to the VPN site

Configure the VPN device

Answer Area

In a Hub1, create a VPN site

In a Hub1, create a connection to the VPN site

Download the VPN configuration file from VWAN1

Configure the VPN device

NEW QUESTION 59

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription that contains the following resources:

- * A virtual network named Vnet1
- * A subnet named Subnet1 in Vnet1
- * A virtual machine named VM1 that connects to Subnet1
- * Three storage accounts named storage1, storage2, and storage3

You need to ensure that VM1 can access storage1. VM1 must be prevented from accessing any other storage accounts.

Solution: You configure the firewall on storage1 to only accept connections from Vnet1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 61

- (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: B

NEW QUESTION 64

HOTSPOT - (Topic 3)

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 = New-AzIpsPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsEncryption AES256

-IpsEncryption New-AzIpsPolicy -IpsEncryption AES256 -IpsEncryption AES256 -IpsEncryption AES256

New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy

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

-Name \$Connection16 -ResourceGroupName \$RG1 -VirtualNetworkGateway1 \$vnet1gw -ConnectionType IPsec -IpsPolicies \$policy -SharedKey 'AzureA1b2C3'

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

...

\$policy = New-AzIpsPolicy -IkeEncryption AES256 -IkeIntegrity SHA384 -DhGroup DHGroup24 -IpsEncryption AES256

-IpsEncryption New-AzIpsPolicy -IpsEncryption AES256 -IpsEncryption AES256 -IpsEncryption AES256

New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy New-AzIpsPolicy

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

-Name \$Connection16 -ResourceGroupName \$RG1 -VirtualNetworkGateway1 \$vnet1gw -ConnectionType IPsec -IpsPolicies \$policy -SharedKey 'AzureA1b2C3'

NEW QUESTION 68

HOTSPOT - (Topic 3)

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

Name	Type	Description
appservice1	Azure App Service	Hosts an app named App1
contoso.com	Azure DNS zone	Resolves name requests from the internet
FD1	Azure Front Door	Standard profile with App1 configured as the origin
KeyVault1	Azure Key Vault	Key vault with Permission model set to Vault access policy
KeyVault2	Azure Key Vault	Key vault with Permission model set to Azure role-based access control

You purchase a certificate for app1.contoso.com from a public certification authority (CA) and install the certificate on appservice1.

You need to ensure that App1 can be accessed by using a URL of https://app1.contoso.com. The solution must ensure that all the traffic for App1 is routed via FD1.

Which type of DNS record should you create, and where should you store the certificate? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Answer Area

DNS record type: TXT

A
CNAME
SRV
TXT

Store the certificate in: KeyVault2

FD1
KeyVault1
KeyVault2

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

DNS record type: TXT
A
CNAME
SRV
TXT

Store the certificate in: KeyVault2
FD1
KeyVault1
KeyVault2

NEW QUESTION 71

FILL IN THE BLANK - (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: 1

Routing rules: 1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

1, 2

NEW QUESTION 73

HOTSPOT - (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

Traffic from West Europe:

	▼
App1	
App2	
App4	
App5	

Traffic from West US:

	▼
App1	
App2	
App3	
App6	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Traffic from West Europe:

	▼
App1	
App2	
App4	
App5	

Traffic from West US:

	▼
App1	
App2	
App3	
App6	

NEW QUESTION 78

- (Topic 3)

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.

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?

- A. an application rule
- B. a network rule
- C. URL filtering
- D. a DNAT rule

Answer: D

NEW QUESTION 83

- (Topic 3)

You have an Azure Front Door instance named FD1 that is protected by using Azure Web Application Firewall (WAF).

FD1 uses a frontend host named app1.contoso.com to provide access to Azure web apps hosted in the East US Azure region and the West US Azure region.

You need to configure FD1 to block requests to app1.contoso.com from all countries other than the United States.

What should you include in the WAF policy?

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

Answer: D

NEW QUESTION 87

HOTSPOT - (Topic 3)

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.fabrikarn.com. You obtain a certificate for the host name of www.fabfikam.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 secret in Azure Key Vault

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:

FD93.azurefd.net

ASP93

fabrikam.com

FD93.azurefd.net

Webapp93.azurewebsites.net

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Upload the certificate to:

A secret in Azure Key Vault

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:

FD93.azurefd.net

ASP93

fabrikam.com

FD93.azurefd.net

Webapp93.azurewebsites.net

NEW QUESTION 91

DRAG DROP - (Topic 3)

You have two 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.

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
Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork $spoke
    -RemoteVirtualNetworkId $hub.id
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values	Answer Area
-AllowForwardedTraffic	\$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"
-AllowGatewayTransit	\$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"
-UseRemoteGateways	Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork \$hub
	-RemoteVirtualNetworkId \$spoke.id -AllowGatewayTransit
	Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork \$spoke
	-RemoteVirtualNetworkId \$hub.id -UseRemoteGateways

NEW QUESTION 93

- (Topic 3)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure application gateway that has Azure Web Application Firewall (WAF) enabled.

You configure the application gateway to direct traffic to the URL of the application gateway.

You attempt to access the URL and receive an HTTP 403 error. You view the diagnostics log and discover the following error.

```
{
  "timeStamp": "2021-06-02T18:13:45+00:00",
  "resourceId": "/SUBSCRIPTIONS/6efbb4a5-d91a-4e4a-b6bf-5bdd6efea73c/RESOURCEGROUPS/rg1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning: Match of '\\\\'pm AppleWebKit Android\\\\' against '\\\\'REQUEST_HEADERS:User-Agent\\\\' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    }
  },
  "hostname": "appt.contoso.com",
  "transactionId": "4654611d8b9c7e198165bq7428d78e",
  "policyId": "default",
  "policyScope": "Global",
  "policyScopeName": "Global"
}
```

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

- A. Yes
- B. No

Answer: A

NEW QUESTION 95

HOTSPOT - (Topic 3)

You have the Azure firewall shown in the following exhibit.

Firewall1

Firewall

»

Delete

Lock

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

Essentials

Resource group (change)

RG1

Location

North Europe

Subscription (change)

Subscription1

Subscription ID

169d1bba-ba4c-471c-b513-092eb7063265

Virtual network

Vnet1

Firewall policy

FirewallPolicy1

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

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

On Firewall1, forced tunneling [answer choice].

cannot be enabled

is enabled already

cannot be enabled

is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [answer choice].

is enabled already

is enabled already

cannot be enabled

is disabled but can be enabled

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

On Firewall1, forced tunneling [answer choice].

cannot be enabled

is enabled already

cannot be enabled

is disabled but can be enabled

On Firewall1, management by Azure Firewall Manager [answer choice].

is enabled already

is enabled already

cannot be enabled

is disabled but can be enabled

NEW QUESTION 99

DRAG DROP - (Topic 3)

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.

Actions

Configure Azure public peering.

Create the ExpressRoute circuit.

Send a service key to your connectivity provider.

Configure Azure private peering.

Create a connection from VNet1 to the ExpressRoute circuit.

Answer Area

➤

⬅

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Configure Azure public peering.

Create the ExpressRoute circuit.

Send a service key to your connectivity provider.

Configure Azure private peering.

Create a connection from VNet1 to the ExpressRoute circuit.

Answer Area

Create the ExpressRoute circuit.

Send a service key to your connectivity provider.

Configure Azure private peering.

Create a connection from VNet1 to the ExpressRoute circuit.

NEW QUESTION 101

HOTSPOT - (Topic 2)

You need to meet the network security requirements for the NSG flow logs.

Which type of resource do you need, and how many instances should you create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Resource type:

An Azure Monitor workbook

An Azure Monitor data collection rule

A Log Analytics workspace

An NSG

A storage account

Minimum number of instances:

1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Resource type:

An Azure Monitor workbook

An Azure Monitor data collection rule

A Log Analytics workspace

An NSG

A storage account

Minimum number of instances:

1

NEW QUESTION 106

DRAG DROP - (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

NEW QUESTION 109

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