

# Microsoft

## Exam Questions AZ-700

Designing and Implementing Microsoft Azure Networking Solutions



### NEW QUESTION 1

- (Exam 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 2

- (Exam Topic 2)

You are implementing the Virtual network requirements for Vnet6.

What is the minimum number of subnets and service endpoints you should create? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Subnets:

Service endpoints:

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

2, 4

### NEW QUESTION 3

- (Exam Topic 2)

You create NSG10 and NSG11 to meet the network security requirements.

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                    |
|---|-----------------------|-----------------------|
| From VM1, you can establish a Remote Desktop session with VM2 | <input type="radio"/> | <input type="radio"/> |
| From VM2, you can ping VM1                                    | <input type="radio"/> | <input type="radio"/> |
| From VM2, you can establish a Remote Desktop session with VM1 | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Yes

subnet1(WM1->NSG1 outbound->NSG10 outbound)->subnet2(NSG1 inbound->NSG11 inbound->VM2) Yes

NSG10 blocks ICMP from VNet4 (source 10.10.0.0/16) but it is not blocked from VM2's subnet (VNet1/Subnet2).

No

NSG11 blocks RDP (port TCP 3389) destined for VirtualNetwork. VirtualNetwork is a service tag and means the address space of the virtual network (VNet1) which in this case is 10.1.0.0/16. Therefore, RDP traffic from subnet2 to anywhere else in VNet1 is blocked.

### NEW QUESTION 4

- (Exam Topic 1)

You need to configure the default route on Vnet2 and Vnet3. The solution must meet the virtual networking requirements.  
What should you use to configure the default route?

- A. route filters
- B. BGP route exchange
- C. a user-defined route assigned to GatewaySubnet in Vnet1
- D. a user-defined route assigned to GatewaySubnet in Vnet2 and Vnet3

**Answer:** B

**Explanation:**

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

**NEW QUESTION 5**

- (Exam Topic 3)

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com. The subscription contains the following resources:

- \* An Azure App Service app named App1
- \* An Azure DNS zone named contoso.com
- \* An Azure private DNS zone named private.contoso.com
- \* A virtual network named Vnet1

You create a private endpoint for App1. The record for the endpoint is registered automatically in Azure DNS. You need to provide a developer with the name that is registered in Azure DNS for the private endpoint.

What should you provide?

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

**Answer:** A

**NEW QUESTION 6**

- (Exam Topic 3)

You plan to deploy Azure Virtual WAN.

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

- > Supports 10 sites that will connect to the virtual WAN hub by using a Site-to-Site VPN connection
- > Supports 8 Gbps of ExpressRoute traffic
- > Minimizes costs

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

Answer Area

Virtual WAN type:

▼

Basic

Standard

Number of scale units:

▼

2

4

6

8

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, diagram Description automatically generated with medium confidence

Reference:  
<https://docs.microsoft.com/en-us/azure/virtual-wan/virtual-wan-about>

**NEW QUESTION 7**

- (Exam 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/489f2hht-se7y-987v-q57l-463bw3e79512/RESOURCEGROUPS/RG1/PROVIDERS/MICROSOFT.NETWORK/APPLICATIONGATEWAYS/AGW1",
  "operationName": "ApplicationGatewayFirewall",
  "category": "ApplicationGatewayFirewallLog",
  "properties": {
    "instanceId": "appgw_0",
    "clientIp": "137.135.10.24",
    "clientPort": "",
    "requestUri": "/login",
    "ruleSetType": "OWASP CRS",
    "ruleSetVersion": "3.0.0",
    "ruleId": "920300",
    "message": "Request Missing an Accept Header",
    "action": "Matched",
    "site": "Global",
    "details": {
      "message": "Warning. Match of '\\\\*pm AppleWebKit Android\\\\*' against '\\\\\"REQUEST_HEADER:User-Agent\\\\\\\" required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "appl.contoso.com",
    "transactionId": "f7546159yhjk7wa114568if5131t68h7",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "Global"
  }
}
```

You need to ensure that the URL is accessible through the application gateway. Solution: You create a WAF policy exclusion for request headers that contain 137.135.10.24. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

The parameter here should be RemoteAddr not Request header.  
<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/custom-waf-rules-overview#match-variable>

#### NEW QUESTION 8

- (Exam Topic 3)

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

| Name  | IP address  |
|-------|-------------|
| Vnet1 | 10.1.0.0/16 |
| Vnet2 | 10.2.0.0/16 |

The links have auto registration enabled. You create the virtual machines shown in the following table.

| Name | IP address |
|------|------------|
| VM1  | 10.1.10.10 |
| VM2  | 10.2.10.10 |
| VM3  | 10.2.10.11 |

You manually add the following entry to the contoso.com zone:

- > Name: VM1
- > IP address: 10.1.10.9

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

#### Answer Area

| Statements   | Yes                   | No                    |
|--|-----------------------|-----------------------|
| VM2 will resolve vm1.contoso.com to 10.1.10.10                                 | <input type="radio"/> | <input type="radio"/> |
| Deleting VM1 will delete the VM1 record automatically                          | <input type="radio"/> | <input type="radio"/> |
| Changing the IP address of VM3 will update the DNS record of VM3 automatically | <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

The manual DNS record will overwrite the auto-registered DNS record so VM1 will resolve to 10.1.10.9. Box 2: No

The DNS record for VM1 is now a manually created record rather than an auto-registered record. Only auto-registered DNS records are deleted when a VM is deleted.

Box 3: No

This answer depends on how the IP address is changed. To change the IP address of a VM manually, you would need to select 'Static' as the IP address assignment. In this case, the DNS record will not be updated because only DHCP assigned IP addresses are auto-registered.

Reference:

<https://docs.microsoft.com/en-us/azure/dns/dns-faq-private>

#### NEW QUESTION 9

- (Exam Topic 3)

You have an Azure virtual network named Vnet1.

You need to ensure that the virtual machines in Vnet1 can access only the Azure SQL resources in the East US Azure region. The virtual machines must be prevented from accessing any Azure Storage resources.

Which two outbound network security group (NSG) rules should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. an allow rule that has the IP address range of Vnet1 as the source and destination of Sql.EastUS
- B. a deny rule that has a source of VirtualNetwork and a destination of Sql
- C. a deny rule that has a source of VirtualNetwork and a destination of 168.63.129.0/24
- D. a deny rule that has the IP address range of Vnet1 as the source and destination of Storage

**Answer:** AD

**Explanation:**

Reference:

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

#### NEW QUESTION 10

- (Exam Topic 3)

You have the Azure resources shown in the following table.

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

You configure storage1 to provide access to the subnet in Vnet1 by using a service endpoint.

You need to ensure that you can use the service endpoint to connect to the read-only endpoint of storage1 in the paired Azure region.

What should you do first?

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

**Answer:** A

#### NEW QUESTION 10

- (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. Azure Virtual Network NAT
- B. virtual network peering
- C. service endpoints
- D. private endpoints

**Answer:** A

#### NEW QUESTION 12

- (Exam Topic 3)

You have an Azure subscription that contains an Azure App Service app. The app uses a URL of <https://www.contoso.com>.

You need to use a custom domain on Azure Front Door for [www.contoso.com](https://www.contoso.com). The custom domain must use a certificate from an allowed certification authority (CA).

What should you include in the solution?

- A. an enterprise application in Azure Active Directory (Azure AD)
- B. Active Directory Certificate Services (AD CS)
- C. Azure Key Vault
- D. Azure Application Gateway

**Answer:** C

**Explanation:**

Reference:

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



**NEW QUESTION 16**

- (Exam 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 21**

- (Exam 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**

**NEW QUESTION 22**

- (Exam 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/489cf2hht-se7y-987v-g571-463bw3e79512/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 '\\\\*?m AppleWebKit Android\\\\*' against '\\\\*REQUEST_HEADER:User-Agent\\\\*' required. ",
      "data": "",
      "file": "rules\\REQUEST-920-PROTOCOL-ENFORCEMENT.conf",
      "line": "1247"
    },
    "hostname": "appl.contoso.com",
    "transactionId": "f7546159yhjktwa114568if5131t68h7",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "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 24**

- (Exam Topic 3)

You have a hybrid environment that uses ExpressRoute to connect an on-premises network and Azure.

You need to log the uptime and the latency of the connection periodically by using an Azure virtual machine and an on-premises virtual machine.

What should you use?

- A. Azure Monitor
- B. IP flow verify
- C. Connection Monitor
- D. Azure Internet Analyzer

**Answer:** C

**Explanation:**

Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/connection-monitor>

**NEW QUESTION 25**

- (Exam Topic 3)

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

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

You plan to deploy a NAT gateway named NAT1.

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

- A. IP3 and IP5 only
- B. IP5 only
- C. IP1, IP3, and IP5 only
- D. IP3 only
- E. IP2 and IP4 only

**Answer:** D

**Explanation:**

Only static IPv4 addresses in the Standard SKU are supported. IPv6 doesn't support NAT. Reference:

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

**NEW QUESTION 26**

- (Exam Topic 3)

You have an Azure application gateway named AppGW1 that balances requests to a web app named App1. You need to modify the server variables in the response header of App1.

What should you configure on AppGW1?

- A. HTTP settings
- B. rewrites
- C. rules
- D. listeners

**Answer:** B

**Explanation:**

Reference:

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

**NEW QUESTION 31**

- (Exam 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                            | Answer Area  |
|-----------------------------------|--|
| <div>-AllowForwardedTraffic</div> | <pre>\$hub = Get-AZVirtualNetwork -ResourceGroup "RG1" -Name "Hub1"</pre>          |
| <div>-AllowGatewayTransit</div>   | <pre>\$spoke = Get-AZVirtualNetwork -ResourceGroup "RG2" -Name "Spoke1"</pre>      |
| <div>-UseRemoteGateways</div>     | <pre>Add-AZVirtualNetworkPeering -Name "Hub1-Spoke1" -VirtualNetwork \$hub</pre>   |
|                                   | <pre>-RemoteVirtualNetworkId \$spoke.id</pre> <div>Value</div>                     |
|                                   | <pre>Add-AZVirtualNetworkPeering -Name "Spoke1-Hub1" -VirtualNetwork \$spoke</pre> |
|                                   | <pre>-RemoteVirtualNetworkId \$hub.id</pre> <div>Value</div>                       |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/hybrid-networking/hub-spoke?tabs=>

NEW QUESTION 35

- (Exam Topic 3)

You have an Azure subscription that contains the public IPv4 addresses shown in the following table.

| Name | SKU      | IP address assignment | Location  |
|------|----------|-----------------------|-----------|
| IP1  | Basic    | Static                | West US   |
| IP2  | Basic    | Dynamic               | West US   |
| IP3  | Standard | Static                | West US   |
| IP4  | Basic    | Static                | West US 2 |
| IP5  | Standard | Static                | West US   |

You plan to create a load balancer named LB1 that will have the following settings:

\* Name: LB1

\* Location: West US

\* Type: Public

\* SKU: Standard

Which public IPv4 addresses can be used by LB1?

- A. IP1 and IP3 only
- B. IP3 only
- C. IP3 and IP5 only
- D. IP2only
- E. IP1, IP2, IP3, IP4, and IP5
- F. IP1, IP3, IP4, and 1P5 only

Answer: C

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-public-ip-address>

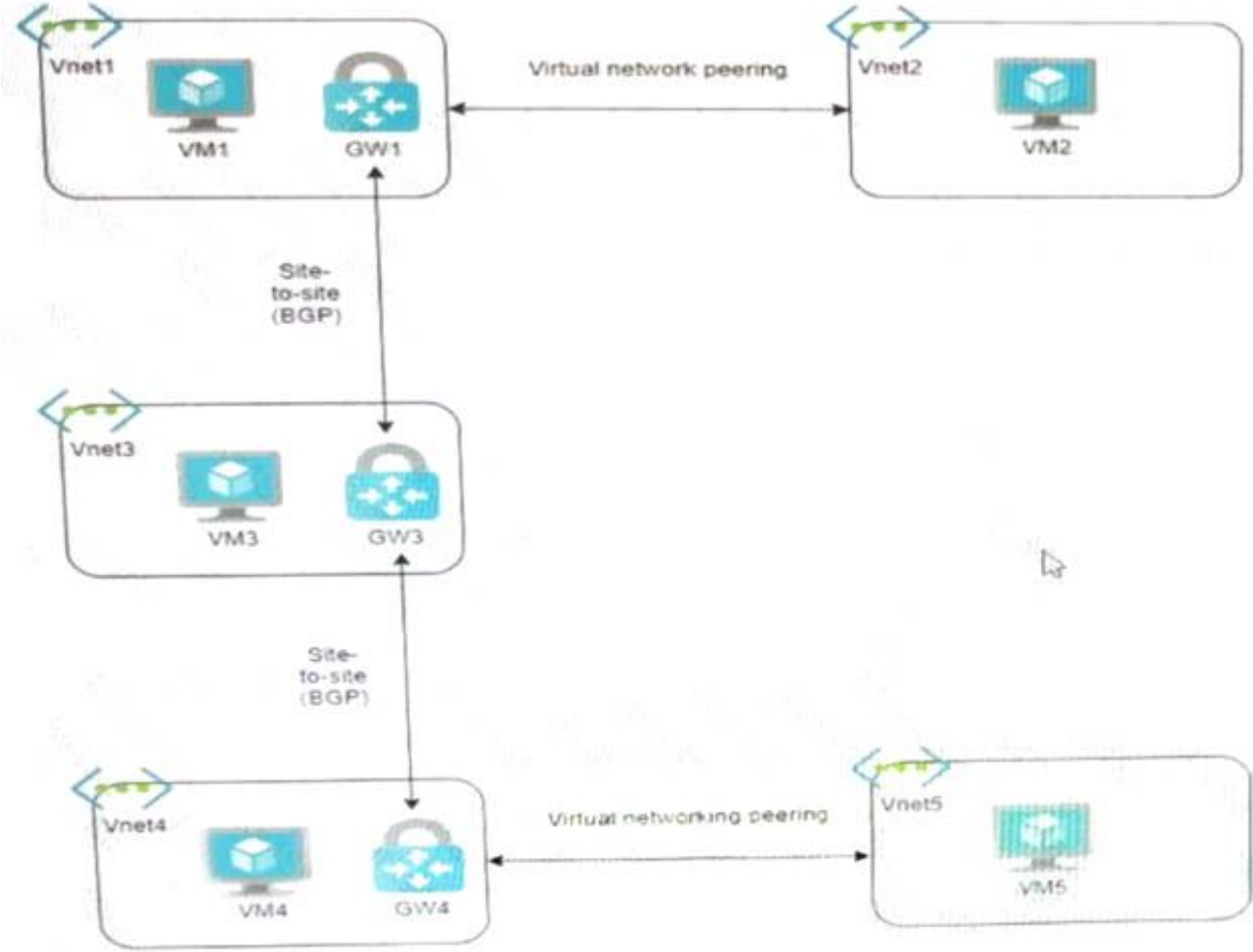
This is because "Load balancer and the public IP address SKU must match when you use them with public IP addresses" <https://docs.microsoft.com/en-us/azure/load-balancer/skus>

Standard SKU Load Balancer routes traffic within and across regions, and to Availability Zones for high resiliency.

NEW QUESTION 36

- (Exam Topic 3)

You have the Azure environment shown in the exhibit.



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



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

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

Answer Area

| Statements                   | Yes                   | No                    |
|------------------------------|-----------------------|-----------------------|
| VM1 and VM4 can communicate. | <input type="radio"/> | <input type="radio"/> |
| VM2 and VM4 can communicate. | <input type="radio"/> | <input type="radio"/> |
| VM1 and VM5 can communicate. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements                   | Yes                              | No                               |
|------------------------------|----------------------------------|----------------------------------|
| VM1 and VM4 can communicate. | <input checked="" type="radio"/> | <input type="radio"/>            |
| VM2 and VM4 can communicate. | <input type="radio"/>            | <input checked="" type="radio"/> |
| VM1 and VM5 can communicate. | <input type="radio"/>            | <input checked="" type="radio"/> |

NEW QUESTION 39

- (Exam Topic 3)  
You have an Azure subscription that is linked to an Azure AD tenant named contoso.onmicrosoft.com. The subscription contains the following resources:

- A virtual network named Vnet1
- An App Service plan named ASPI
- An Azure App Service named webapp1
- An Azure private DNS zone named private.contoso.com
- Virtual machines on Vnet1 that cannot communicate outside the virtual network

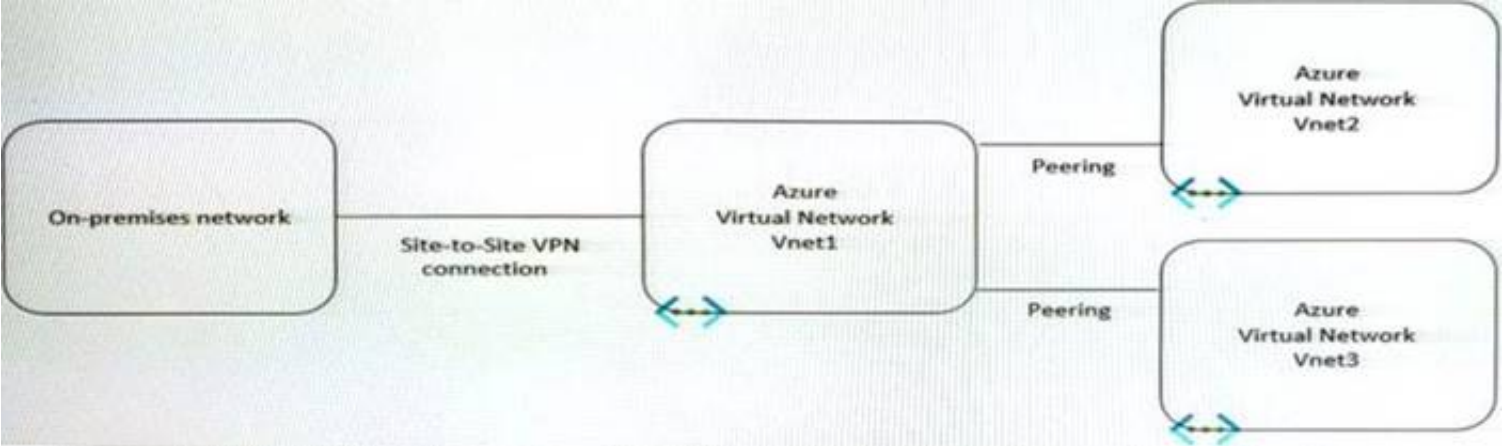
You need to ensure that the virtual machines on Vnet1 can access webapp1 by using a URL of https://Avwwprivate.contosocom. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Create a private endpoint for webapp1.
- B. Create a service endpoint for webapp1.
- C. Create a CNAME record that maps www.pnivate.contoso.com to webapp1.privatelink.azurewebsites.net.
- D. Create a CNAME record that maps wwwprivatemntoso.com to webapp1.contoso.onmicrosoft.com.
- E. Register an enterprise application in Azure AD for webapp1.
- F. Create a CNAME record that maps wow.private.contoso.com to webapp 1 private@ntoso.com.

Answer: AD

NEW QUESTION 42

- (Exam Topic 3)  
You have the hybrid network shown in the Network Diagram exhibit.





You have a peering connection between Vnet1 and Vnet2 as shown in the Peering-Vnet1-Vnet2 exhibit.

### Add peering

Vnet1

This virtual network:

Peering link name \*

Peering-Vnet1-Vnet2

Traffic to remote virtual network:

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network:

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server:

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Remote virtual network:

Peering link name \*

Peering-Vnet1-Vnet2

Virtual network deployment model:

☒ Resource manager

☐ Classic

☐ I know my resource ID

Subscription \*

Subscription1

Virtual network \*

Vnet2

Traffic to remote virtual network:

☒ Allow (default)

☐ Block all traffic to the remote virtual network

**Add**

You have a peering connection between Vnet1 and Vnet3 as shown in the Peering -Vnet1-Vnet3 exhibit.

### Add peering

Vnet3

This virtual network:

Peering link name \*

Peering-Vnet1-Vnet3

Traffic to remote virtual network:

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network:

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server:

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Remote virtual network:

Peering link name \*

Peering-Vnet1-Vnet3

Virtual network deployment model:

☒ Resource manager

☐ Classic

☐ I know my resource ID

Subscription \*

Subscription1

Virtual network \*

Vnet1

Traffic to remote virtual network:

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network:

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server:

☐ Use this virtual network's gateway or Route Server

☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

**Add**



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

Answer Area

| Statements  | Yes                   | No                    |
|---|-----------------------|-----------------------|
| The resources in Vnet2 can communicate with the resources in Vnet1.                   | <input type="radio"/> | <input type="radio"/> |
| The resources in Vnet2 can communicate with the resources in Vnet3.                   | <input type="radio"/> | <input type="radio"/> |
| The resources in Vnet2 can communicate with the resources in the on-premises network. | <input type="radio"/> | <input type="radio"/> |

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

| Statements  | Yes                   | No                               |
|---|-----------------------|----------------------------------|
| The resources in Vnet2 can communicate with the resources in Vnet1.                   | <input type="radio"/> | <input checked="" type="radio"/> |
| The resources in Vnet2 can communicate with the resources in Vnet3.                   | <input type="radio"/> | <input checked="" type="radio"/> |
| The resources in Vnet2 can communicate with the resources in the on-premises network. | <input type="radio"/> | <input checked="" type="radio"/> |

NEW QUESTION 46

- (Exam Topic 3)

You have the Azure environment shown In the Azure Environment exhibit. (Click the Azure Environment tab.) The settings for each subnet are shown in the following table.

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

The Firewalls and virtual networks settings for storage1 are configured as shown in the Storage1 exhibit. (Click the Storage1 tab.) For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 50

- (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 54

- (Exam 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": "apppgw_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": "appl.contoso.com",
    "transactionId": "d6548110d9gq3wa198165hq742d7eh6",
    "policyId": "default",
    "policyScope": "Global",
    "policyScopeName": "Global"
  }
}
```

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

Solution: You create a WAF policy exclusion request headers that contain 137.135.10.24. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

## NEW QUESTION 56

- (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 60



- (Exam 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 two Azure virtual networks named Vnet1 and Vnet2.

You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to-Site (P2S) IKEv2 VPN.

You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit. Vnet2 can use the remote gateway.

You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2.

Solution: You reset the gateway of Vnet1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

**Explanation:**

The VPN client must be downloaded again if any changes are made to VNet peering or the network topology. Reference: <https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing>

NEW QUESTION 62

- (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

10.3.0.0/1610.3.0.0 - 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

Answer Area

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

>

<

⬆

⬇

- 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 67

- (Exam 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 two Azure virtual networks named Vnet1 and Vnet2.  
You have a Windows 10 device named Client1 that connects to Vnet1 by using a Point-to-Site (P2S) IKEv2 VPN.  
You implement virtual network peering between Vnet1 and Vnet2. Vnet1 allows gateway transit. Vnet2 can use the remote gateway.  
You discover that Client1 cannot communicate with Vnet2. You need to ensure that Client1 can communicate with Vnet2. Solution: You enable BGP on the gateway of Vnet1.  
Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The VPN client must be downloaded again if any changes are made to VNet peering or the network topology. Reference:  
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-point-to-site-routing>

NEW QUESTION 69

- (Exam Topic 3)  
You have two Azure subscriptions named Subscnption1 and Subscription2. Subscription1 contains a virtual network named Vnet1. Vnet1 contains an application server. Subscription2 contains a virtual network named Vnet2.  
You need to provide the virtual machines in Vnet2 with access to the application server in Vnet1 by using a private endpoint.  
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

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

In Subscription1, accept the private endpoint connection request.

In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.

In Subscription2, create a private endpoint by using the private link service ID.

Enable virtual network peering between Vnet1 and Vnet2.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

In Subscription1, accept the private endpoint connection request.

Enable virtual network peering between Vnet1 and Vnet2.

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

In Subscription1, create a private link service and attach the service to the frontend IP configuration of the load balancer.

NEW QUESTION 70

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