

AZ-104 Dumps

Microsoft Azure Administrator (beta)

<https://www.certleader.com/AZ-104-dumps.html>



NEW QUESTION 1

- (Exam Topic 1)

You need to meet the technical requirement for VM4. What should you create and configure?

- A. an Azure Notification Hub
- B. an Azure Event Hub
- C. an Azure Logic App
- D. an Azure services Bus

Answer: B

Explanation:

Scenario: Create a workflow to send an email message when the settings of VM4 are modified.

You can start an automated logic app workflow when specific events happen in Azure resources or third-party resources. These resources can publish those events to an Azure event grid. In turn, the event grid pushes those events to subscribers that have queues, webhooks, or event hubs as endpoints. As a subscriber, your logic app can wait for those events from the event grid before running automated workflows to perform tasks - without you writing any code.

References:

<https://docs.microsoft.com/en-us/azure/event-grid/monitor-virtual-machine-changes-event-grid-logic-app>

NEW QUESTION 2

- (Exam Topic 1)

You discover that VM3 does NOT meet the technical requirements. You need to verify whether the issue relates to the NSGs. What should you use?

- A. Diagram in VNet1
- B. the security recommendations in Azure Advisor
- C. Diagnostic settings in Azure Monitor
- D. Diagnose and solve problems in Traffic Manager Profiles
- E. IP flow verify in Azure Network Watcher

Answer: E

Explanation:

Scenario: Litware must meet technical requirements including:

Ensure that VM3 can establish outbound connections over TCP port 8080 to the applications servers in the Montreal office.

IP flow verify checks if a packet is allowed or denied to or from a virtual machine. The information consists of direction, protocol, local IP, remote IP, local port, and remote port. If the packet is denied by a security group, the name of the rule that denied the packet is returned. While any source or destination IP can be chosen, IP flow verify helps administrators quickly diagnose connectivity issues from or to the internet and from or to the on-premises environment.

References:

<https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-ip-flow-verify-overview>

NEW QUESTION 3

- (Exam Topic 1)

You need to meet the connection requirements for the New York office.

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

Answer Area

From the Azure portal:

- Create an ExpressRoute circuit only.
- Create a virtual network gateway only.
- Create a virtual network gateway and a local network gateway.
- Create an ExpressRoute circuit and an on-premises data gateway.
- Create a virtual network gateway and an on-premises data gateway.

In the New York office:

- Deploy ExpressRoute.
- Deploy a DirectAccess server.
- Implement a Web Application Proxy.
- Configure a site-to-site VPN connection.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Create a virtual network gateway and a local network gateway.

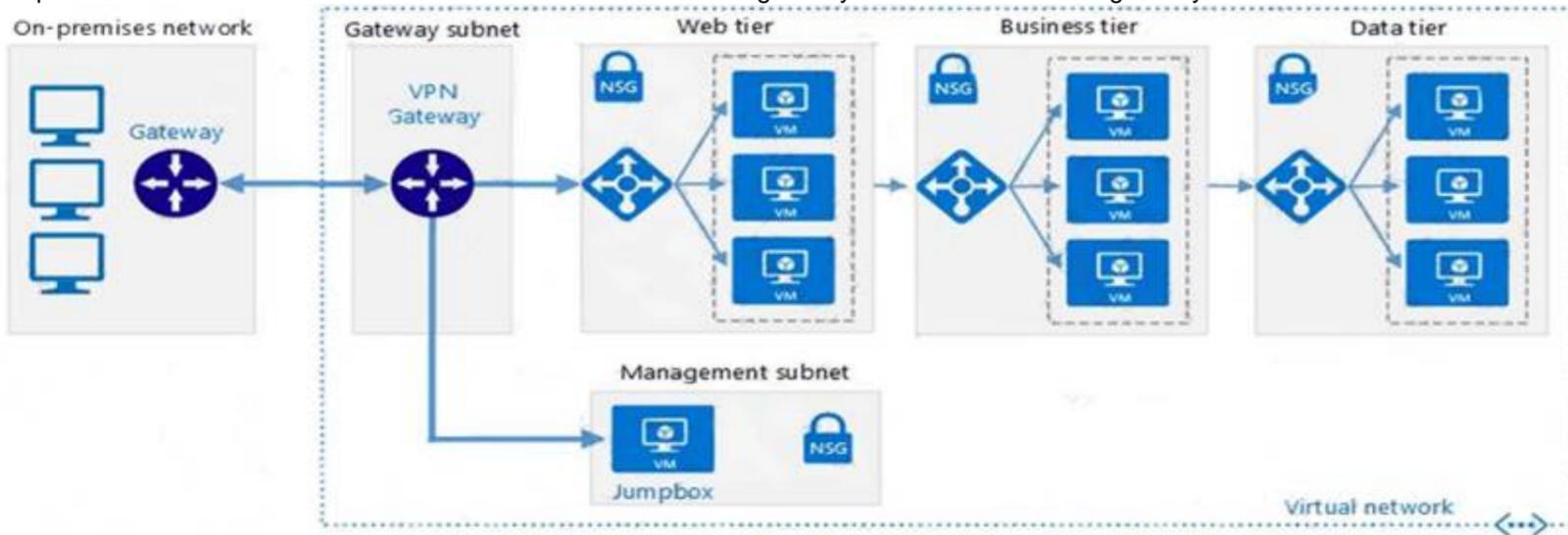
Azure VPN gateway. The VPN gateway service enables you to connect the VNet to the on-premises network through a VPN appliance. For more information, see Connect an on-premises network to a Microsoft Azure virtual network. The VPN gateway includes the following elements:

- > Virtual network gateway. A resource that provides a virtual VPN appliance for the VNet. It is responsible for routing traffic from the on-premises network to the VNet.
- > Local network gateway. An abstraction of the on-premises VPN appliance. Network traffic from the cloud application to the on-premises network is routed through this gateway.
- >

Connection. The connection has properties that specify the connection type (IPSec) and the key shared with the on-premises VPN appliance to encrypt traffic.
 > Gateway subnet. The virtual network gateway is held in its own subnet, which is subject to various requirements, described in the Recommendations section below.

Box 2: Configure a site-to-site VPN connection

On premises create a site-to-site connection for the virtual network gateway and the local network gateway.



Scenario: Connect the New York office to VNet1 over the Internet by using an encrypted connection.

NEW QUESTION 4

- (Exam Topic 2)

You need to resolve the licensing issue before you attempt to assign the license again. What should you do?

- A. From the Groups blade, invite the user accounts to a new group.
- B. From the Profile blade, modify the usage location.
- C. From the Directory role blade, modify the directory role.

Answer: A

Explanation:

License cannot be assigned to a user without a usage location specified. Scenario: Licensing Issue

You attempt to assign a license in Azure to several users and receive the following error message: "Licenses not assigned. License agreement failed for one user."

You verify that the Azure subscription has the available licenses.

NEW QUESTION 5

- (Exam Topic 2)

You are evaluating the name resolution for the virtual machines after the planned implementation of the Azure networking infrastructure.

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

Statements	Yes	No
The virtual machines on Subnet1 will be able to resolve the hosts in the humongousinsurance.local zone.	<input type="radio"/>	<input type="radio"/>
The virtual machines on ClientSubnet will be able to register the hostname records in the humongousinsurance.local zone.	<input type="radio"/>	<input type="radio"/>
The virtual machines on Subnet4 will be able to register the hostname records in the humongousinsurance.local zone.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
The virtual machines on Subnet1 will be able to resolve the hosts in the humongousinsurance.local zone.	<input checked="" type="radio"/>	<input type="radio"/>
The virtual machines on ClientSubnet will be able to register the hostname records in the humongousinsurance.local zone.	<input checked="" type="radio"/>	<input type="radio"/>
The virtual machines on Subnet4 will be able to register the hostname records in the humongousinsurance.local zone.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 6

- (Exam Topic 4)

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 Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Subscription1, you assign the DevTest Labs User role to the Developers group. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

DevTest Labs User role only lets you connect, start, restart, and shutdown virtual machines in your Azure DevTest Labs.

You would need the Logic App Contributor role. References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles> <https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-securing-a-logic-app>

NEW QUESTION 7

- (Exam Topic 4)

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

Name	Operating system	Connects to
VM1	Windows Server 2019	Subnet1
VM2	Windows Server 2019	Subnet2

VM1 and VM2 use public IP addresses. From Windows Server 2019 on VM1 and VM2, you allow inbound Remote Desktop connections. Subnet1 and Subnet2 are in a virtual network named VNET1.

The subscription contains two network security groups (NSGs) named NSG1 and NSG2. NSG1 uses only the default rules.

NSG2 uses the default and the following custom incoming rule:

- > Priority: 100
- > Name: Rule1
- > Port: 3389
- > Protocol: TCP
- > Source: Any
- > Destination: Any
- > Action: Allow

NSG1 connects to Subnet1. NSG2 connects to the network interface of VM2.

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

Statements	Yes	No
From the internet, you can connect to VM1 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>
From the internet, you can connect to VM2 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>
From VM1, you can connect to VM2 by using Remote Desktop.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No

The default port for RDP is TCP port 3389. A rule to permit RDP traffic must be created automatically when you create your VM.

Box 2: Yes

NSG2 will allow this. Box 3: Yes

NSG2 will allow this.

Note on NSG-Subnet1: Azure routes network traffic between all subnets in a virtual network, by default. References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-connection>

NEW QUESTION 8

- (Exam Topic 4)

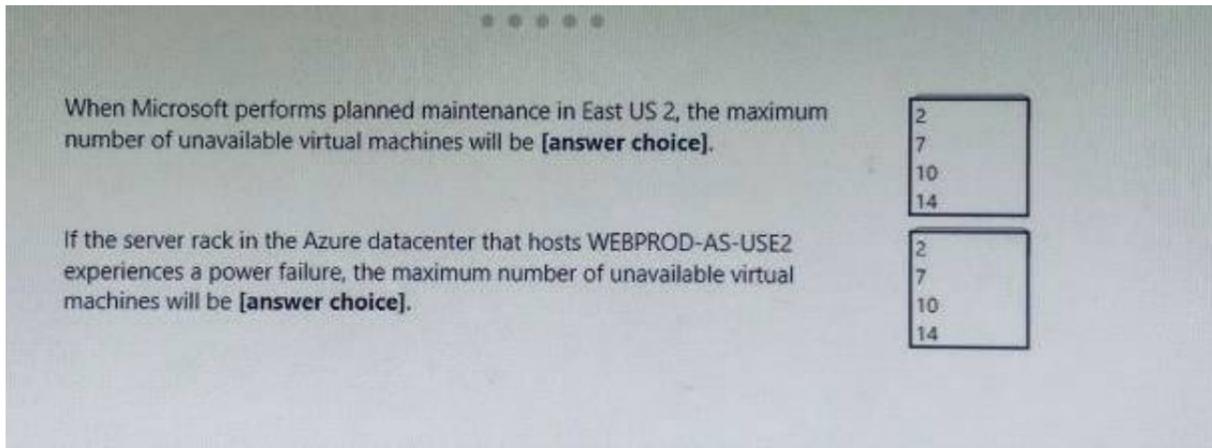
You have an Azure subscription that contains an Azure Availability Set named WEBPROD-AS-USE2 as shown in the following exhibit.

```
PS Azure:\> az vm availability-set list --resource-group RG1
[
  {
    "id": "/subscriptions/8372f433-2dcd-4361-b5ef-5b188fed87d0/resourceGroups/RG1/providers/Microsoft.Compute/availabilitySets/WEBPROD-AS-USE2",
    "location": "eastus2",
    "name": "WEBPROD-AS-USE2",
    "platformFaultDomainCount": 2,
    "platformUpdateDomainCount": 10,
    "proximityPlacementGroup": null,
    "resourceGroup": "RG1",
    "sku": {
      "capacity": null,
      "name": "Aligned",
      "tier": null
    },
    "statuses": null,
    "tags": {},
    "type": "Microsoft.Compute/availabilitySets",
    "virtualMachines": []
  }
]
```

You add 14 virtual machines to WEBPROD-AS-USE2.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

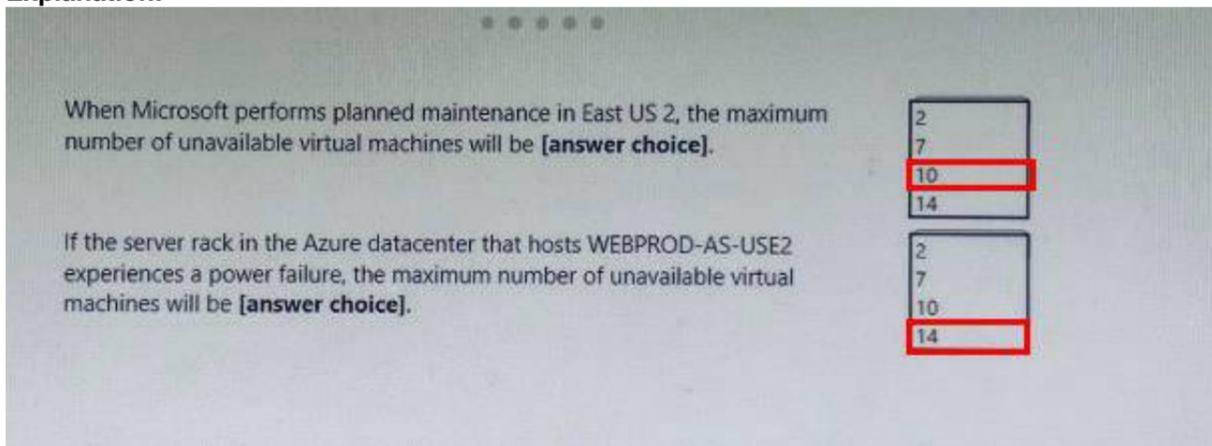
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 9

- (Exam Topic 4)

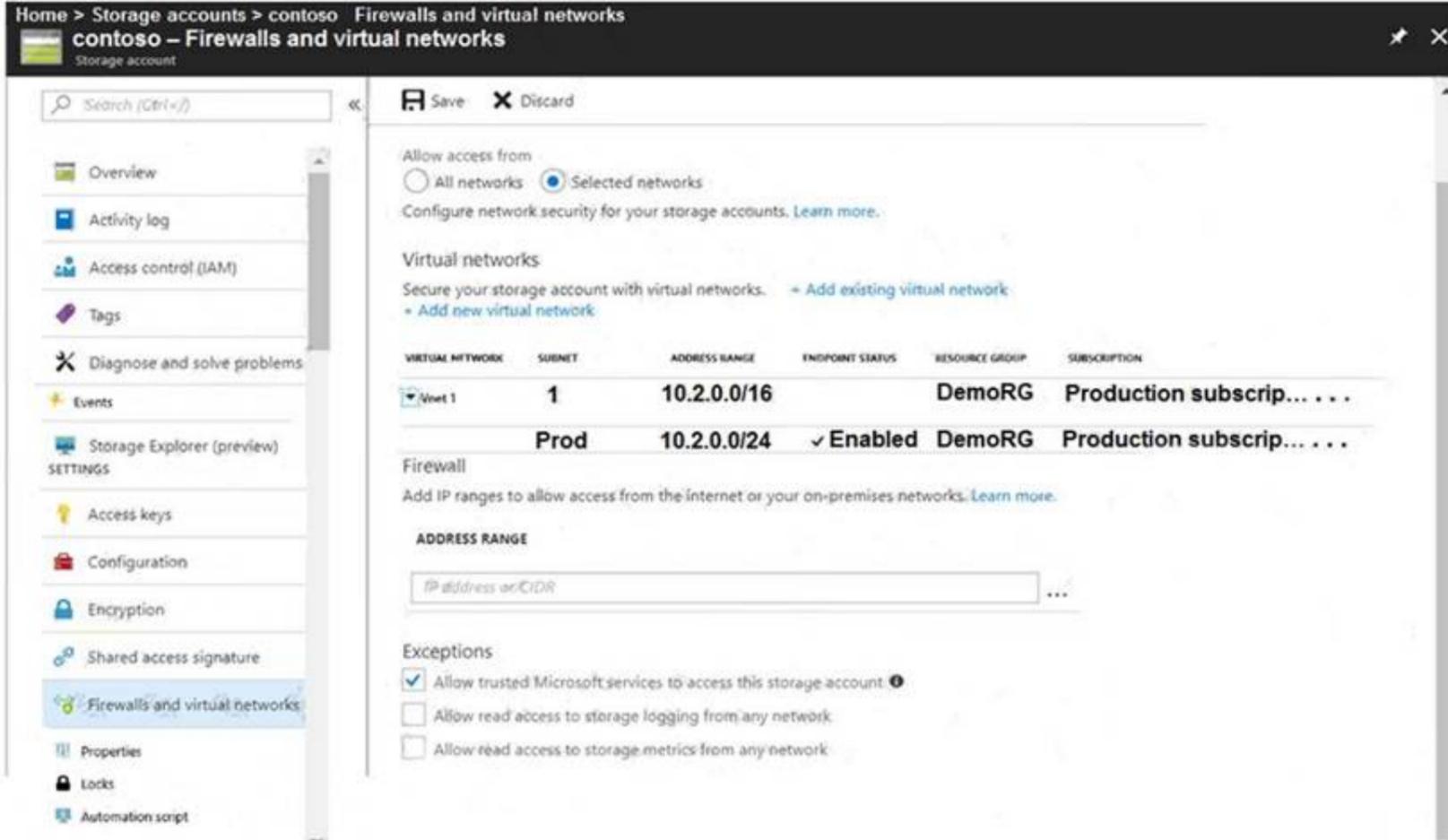
You plan to deploy an Azure container instance by using the following Azure Resource Manager template.

```
{  
  "type": "Microsoft.ContainerInstance/containerGroups",  
  "apiVersion": "2018-10-01",  
  "name": "webprod",  
  "location": "westus",  
  "properties": {  
    "containers": [  
      {  
        "name": "webprod",  
        "properties": {  
          "image": "microsoft/iis:nanoserver",  
          "ports": [  
            {  
              "protocol": "TCP",  
              "port": 80  
            }  
          ]  
        }  
      }  
    ],  
    "environmentVariables": [],  
    "resources": {
```


NEW QUESTION 10

- (Exam Topic 4)

You have several Azure virtual machines on a virtual network named VNet1. You configure an Azure Storage account as shown in the following exhibit.



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

The virtual machines on the 10.2.9.0/24 subnet will have network connectivity to the file shares in the storage account.

▼

always
during a backup
never

Azure Backup will be able to back up the unmanaged hard disks of the virtual machines in the storage account.

▼

always
during a backup
never

- A. Mastered
- B. Not Mastered

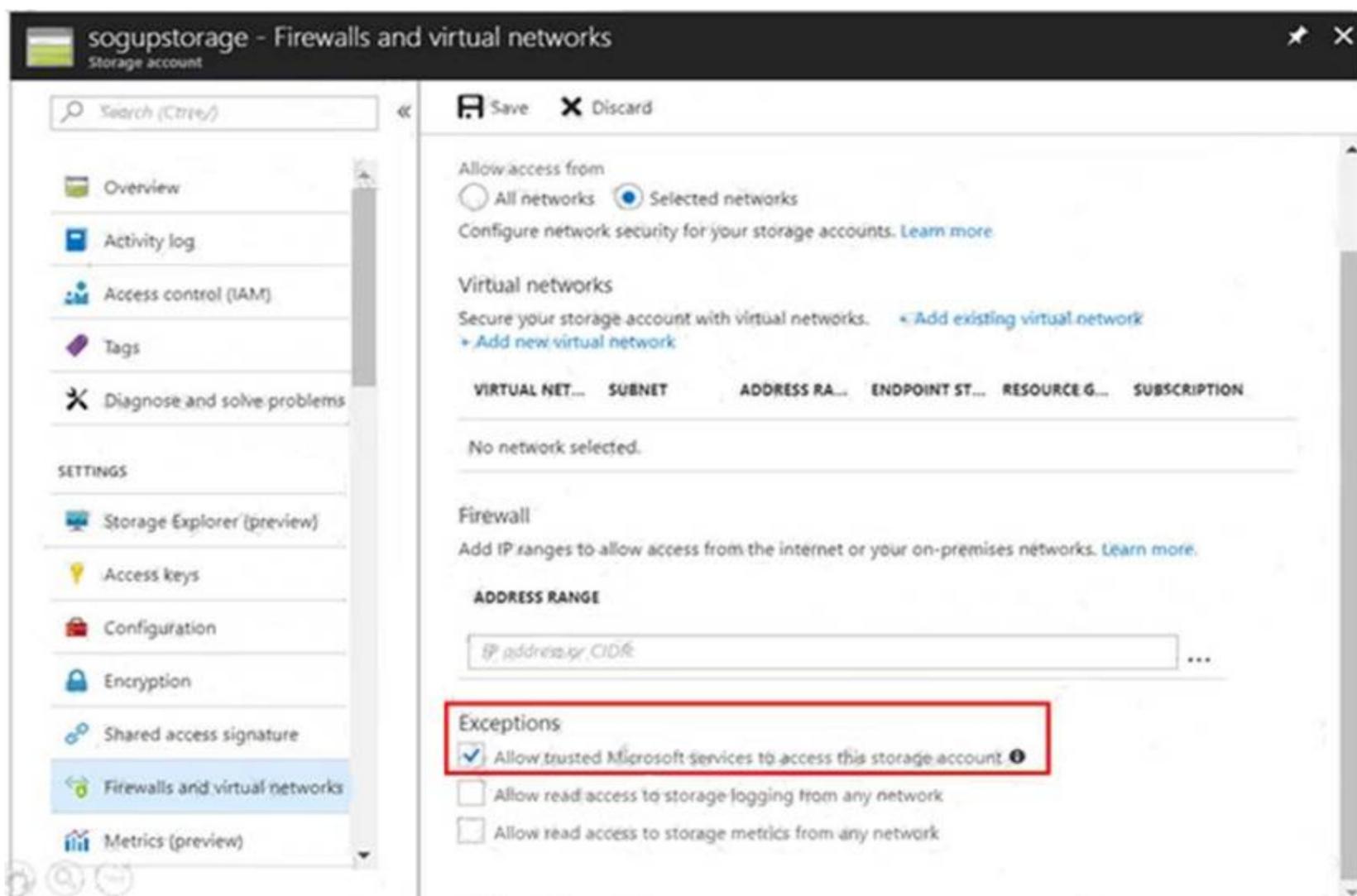
Answer: A

Explanation:

Box 1: always

Endpoint status is enabled. Box 2: Never

After you configure firewall and virtual network settings for your storage account, select Allow trusted Microsoft services to access this storage account as an exception to enable Azure Backup service to access the network restricted storage account.



Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows> <https://azure.microsoft.com/en-us/blog/azure-backup-now-supports-storage-accounts-secured-with-azure-storage>

NEW QUESTION 10

- (Exam Topic 4)

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 named Subscription1 that contains the resources shown in the following table.

Name	Type	Location	Resource group
RG1	Resource group	East US	<i>Not applicable</i>
RG2	Resource group	West Europe	<i>Not applicable</i>
RG3	Resource group	North Europe	<i>Not applicable</i>
VNET1	Virtual network	Central US	RG1
VM1	Virtual machine	West US	RG2

VM1 connects to a virtual network named VNET2 by using a network interface named NIC1. You need to create a new network interface named NIC2 for VM1.

Solution: You create NIC2 in RG1 and Central US. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The virtual machine you attach a network interface to and the virtual network you connect it to must exist in the same location, here West US, also referred to as a region.

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-network-interface>

NEW QUESTION 15

- (Exam Topic 4)

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 a computer named Computer1 that has a point-to-site VPN connection to an Azure virtual network named VNet1. The point-to-site connection uses a self-signed certificate.

From Azure, you download and install the VPN client configuration package on a computer named Computer2.

You need to ensure that you can establish a point-to-site VPN connection to VNet1 from Computer2. Solution: On Computer2, you set the Startup type for the IPsec Policy Agent service to Automatic.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead export the client certificate from Computer1 and install the certificate on Computer2.

Note: Each client computer that connects to a VNet using Point-to-Site must have a client certificate installed. You generate a client certificate from the self-signed root certificate, and then export and install the client certificate. If the client certificate is not installed, authentication fails.

References:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-certificates-point-to-site>

NEW QUESTION 19

- (Exam Topic 4)

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

Name	Lock name	Lock type
RG1	None	None
RG2	Lock	Delete

RG1 contains the resources shown in the following table.

Name	Type	Lock name	Lock type
storage1	Storage account	Lock1	Delete
VNET1	Virtual network	Lock2	Read-only
IP1	Public IP address	None	None

RG2 contains the resources shown in the following table.

Name	Type	Lock name	Lock type
storage2	Storage account	Lock1	Delete
VNET2	Virtual network	Lock2	Read-only
IP2	Public IP address	None	None

You need to identify which resources you can move from RG1 to RG2, and which resources you can move from RG2 to RG1. Which resources should you identify? To answer, select the appropriate options in the answer area.

Resources that you can move from RG1 to RG2:

▼

- None
- IP1 only
- IP1 and storage1 only
- IP1 and VNET1 only
- IP1, VNET1, and storage1

Resources that you can move from RG2 to RG1:

▼

- None
- IP2 only
- IP2 and storage2 only
- IP2 and VNET2 only
- IP2, VNET2, and storage2

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/governance/blueprints/concepts/resource-locking>

NEW QUESTION 21

- (Exam Topic 4)

You have an Azure subscription named Sub1.
You plan to deploy a multi-tiered application that will contain the tiers shown in the following table.

Tier	Accessible from the Internet	Number of virtual machines
Front-end web server	Yes	10
Business logic	No	100
Microsoft SQL Server database	No	5

You need to recommend a networking solution to meet the following requirements:

- > Ensure that communication between the web servers and the business logic tier spreads equally across the virtual machines.
- > Protect the web servers from SQL injection attacks.

Which Azure resource should you recommend for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Ensure that communication between the web servers and the business logic tier spreads equally across the virtual machines:

Select an option
▼

an application gateway that uses the Standard tier

an application gateway that uses the WAF tier

an internal load balancer

a network security group (NSG)

a public load balancer

Protect the web servers from SQL injection attacks:

Select an option
▼

an application gateway that uses the Standard tier

an application gateway that uses the WAF tier

an internal load balancer

a network security group (NSG)

a public load balancer

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: an internal load balancer

Azure Internal Load Balancer (ILB) provides network load balancing between virtual machines that reside inside a cloud service or a virtual network with a regional scope.

Box 2: an application gateway that uses the WAF tier

Azure Web Application Firewall (WAF) on Azure Application Gateway provides centralized protection of your web applications from common exploits and vulnerabilities. Web applications are increasingly targeted

by malicious attacks that exploit commonly known vulnerabilities. References:

<https://docs.microsoft.com/en-us/azure/web-application-firewall/ag/ag-overview>

NEW QUESTION 26

- (Exam Topic 4)

You have an azure subscription that contain a virtual named VNet1. VNet1. contains four subnets named Gatesway, perimeter, NVA, and production.

The NVA contain two network virtual appliance (NVAs) that will network traffic inspection between the perimeter subnet and the production subnet.

You need to implement an Azure load balancer for the NVAs. The solution must meet the following requirements:

- > The NVAs must run in an active-active configuration that uses automatic failover.
- > The NVA must load balance traffic to two services on the Production subnet. The services have different IP addresses

Which three actions should you perform? Each correct answer presents parts of the solution. NOTE: Each correct selection is worth one point.

- A. Add two load balancing rules that have HA Ports enabled and Floating IP disabled.
- B. Deploy a standard load balancer.
- C. Add a frontend IP configuration, two backend pools, and a health prob.
- D. Add a frontend IP configuration, a backend pool, and a health probe.
- E. Add two load balancing rules that have HA Ports and Floating IP enabled.
- F. Deploy a basic load balancer.

Answer: BCE

Explanation:

A standard load balancer is required for the HA ports.

-Two backend pools are needed as there are two services with different IP addresses.

-Floating IP rule is used where backend ports are reused.

NEW QUESTION 28

- (Exam Topic 4)

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

Name	Type	Details
VNet1	Virtual network	Not applicable
Subnet1	Subnet	Hosted on VNet1
VM1	Virtual machine	On Subnet1
VM2	Virtual machine	On Subnet1

VM1 and VM2 are deployed from the same template and host line-of-business applications accessed by using Remote Desktop. You configure the network security group (NSG) shown in the exhibit. (Click the Exhibit button.)

→ Move Delete

Resource group (change)
ProductionRG

Location
North Europe

Subscription (change)
Production subscription

Subscription ID
14d26092-8e42-4ea7-b770-9dcef70fb1ea

Tags (change)
[Click here to add tags](#)

Inbound security rules

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
1500	Port_80	80	TCP	Internet	Any	Deny
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllBound	Any	Any	Any	Any	Deny

Outbound security rules

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
1000	DenyWebSites	80	TCP	Any	Internet	Deny
65000	AllowVnetOutBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowInternetOutBound	Any	Any	Any	Internet	Allow
65500	DenyAllOutBound	Any	Any	Any	Any	Deny

You need to prevent users of VM1 and VM2 from accessing websites on the Internet. What should you do?

- A. Associate the NSG to Subnet1.
- B. Disassociate the NSG from a network interface.
- C. Change the DenyWebSites outbound security rule.
- D. Change the Port_80 inbound security rule.

Answer: A

Explanation:

You can associate or dissociate a network security group from a network interface or subnet. The NSG has the appropriate rule to block users from accessing the Internet. We just need to associate it with Subnet1. References: <https://docs.microsoft.com/en-us/azure/virtual-network/manage-network-security-group>

NEW QUESTION 32

- (Exam Topic 4)

You have an Azure subscription named Subscription1.

You have 5 TB of data that you need to transfer to Subscription1. You plan to use an Azure Import/Export job.

What can you use as the destination of the imported data?

- A. Azure Data Lake Store
- B. a virtual machine
- C. the Azure File Sync Storage Sync Service
- D. Azure Blob storage

Answer: D

Explanation:

Azure Import/Export service is used to securely import large amounts of data to Azure Blob storage and Azure Files by shipping disk drives to an Azure datacenter. The maximum size of an Azure Files Resource of a file share is 5 TB. Reference: <https://docs.microsoft.com/en-us/azure/storage/common/storage-import-export-service>

NEW QUESTION 37

- (Exam Topic 4)

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 named Subscription1 that contains the resources shown in the following table.

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RG1	Resource group	East US	<i>Not applicable</i>
RG2	Resource group	West Europe	<i>Not applicable</i>
RG3	Resource group	North Europe	<i>Not applicable</i>
VNET1	Virtual network	Central US	RG1
VM1	Virtual machine	West US	RG2

VM1 connects to a virtual network named VNET2 by using a network interface named NIC1. You need to create a new network interface named NIC2 for VM1. Solution: You create NIC2 in RG1 and West US. Does this meet the goal?

- A. Yes
- B. NO

Answer: A

Explanation:

The virtual machine you attach a network interface to and the virtual network you connect it to must exist in the same location, here West US, also referred to as a region. References: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-network-interface>

NEW QUESTION 41

- (Exam Topic 4)

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 named Subscription1 that contains the resources shown in the following table.

Name	Type	Location	Resource group
RG1	Resource group	East US	<i>Not applicable</i>
RG2	Resource group	West Europe	<i>Not applicable</i>
RG3	Resource group	North Europe	<i>Not applicable</i>
VNET1	Virtual network	Central US	RG1
VM1	Virtual machine	West US	RG2

VM1 connects to a virtual network named VNET2 by using a network interface named NIC1. You need to create a new network interface named NIC2 for VM1. Solution: You create NIC2 in RG2 and Central US. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The virtual machine you attach a network interface to and the virtual network you connect it to must exist in the same location, here West US, also referred to as a region. References: <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-network-interface>

NEW QUESTION 45

- (Exam Topic 4)

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

Name	Kind	Performance	Replication	Access tier
Storage1	Storage (general purpose v1)	Premium	Geo-redundant storage (GRS)	None
Storage2	StorageV2 (general purpose v2)	Standard	Locally-redundant storage (LRS)	Cool
Storage3	StorageV2 (general purpose v2)	Premium	Read-access geo-redundant storage (RA-GRS)	Hot
Storage4	BlobStorage	Standard	Locally-redundant storage (LRS)	Hot

You need to identify which storage account can be converted to zone-redundant storage (ZRS) replication by requesting a live migration from Azure support. What should you identify?

- A. Storage1
- B. Storage2
- C. Storage3
- D. Storage4

Answer: B

Explanation:

ZRS currently supports standard general-purpose v2, FileStorage and BlockBlobStorage storage account types.

NEW QUESTION 48

- (Exam Topic 4)

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 that has a subnet named Subnet1
- Two network security groups (NSGs) named NSG-VM1 and NSG-Subnet1
- A virtual machine named VM1 that has the required Windows Server configurations to allow Remote Desktop connections

NSG-Subnet1 has the default inbound security rules only.

NSG-VM1 has the default inbound security rules and the following custom inbound security rule:

- Priority: 100
- Source: Any
- Source port range: *
- Destination: *
- Destination port range: 3389
- Protocol: UDP
- Action: Allow

VM1 connects to Subnet1. NSG1-VM1 is associated to the network interface of VM1. NSG-Subnet1 is associated to Subnet1.

You need to be able to establish Remote Desktop connections from the internet to VM1.

Solution: You add an inbound security rule to NSG-Subnet1 that allows connections from the Any source to the VirtualNetwork destination for port range 3389 and uses the TCP protocol. You remove NSG-VM1 from the network interface of VM1.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The default port for RDP is TCP port 3389. A rule to permit RDP traffic must be created automatically when you create your VM.

Note on NSG-Subnet1: Azure routes network traffic between all subnets in a virtual network, by default. References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-connection>

NEW QUESTION 52

- (Exam Topic 4)

You have a virtual network named VNet1 that has the configuration shown in the following exhibit.

```
PS C:\> Get-AzureRmVirtualNetwork -Name VNet1 -ResourceGroupName Production

Name                : VNet1
ResourceGroupName   : Production
Location            : westus
Id                  : /subscriptions/14d26092-8e42-4ea7-b770-9dcef70fb1ea/resourceGroups/Production/providers/Microsoft.Network/virtualNetworks/VNet1
Etag                : W/"76f7edd6-d022-455b-aeae-376059318e5d"
ResourceGuid        : 562696cc-b2ba-4cc5-9619-0a735d6c34c7
ProvisioningState    : Succeeded
Tags                :
AddressSpace        : {
  "AddressPrefixes": [
    "10.2.0.0/16"
  ]
}
DhcpOptions         : {}
Subnets            : [
  {
    "Name": "default",
    "Etag": "W/\\"76f7edd6-d022-455b-aeae-376059318e5d\\"",
    "Id": "/subscriptions/14d26092-8e42-4ea7-b770-9dcef70fb1ea/resourceGroups/Production/providers/Microsoft.Network/virtualNetworks/VNet1/subnets/default",
    "AddressPrefix": "10.2.0.0/24",
    "IpConfigurations": [],
    "ResourceNavigationLinks": [],
    "ServiceEndpoints": [],
    "ProvisioningState": "Succeeded"
  }
]
VirtualNetworkPeerings : []
EnableDDoSProtection : false
EnableVmProtection    : false
```

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

Before a virtual machine on VNet1 can receive an IP address from 192.168.1.0/24, you must first **[answer choice]**.

- add a network interface
- add a subnet
- add an address space
- delete a subnet
- delete an address space

Before a virtual machine on VNet1 can receive an IP address from 10.2.1.0/24, you must first **[answer choice]**.

- add a network interface
- add a subnet
- add an address space
- delete a subnet
- delete an address space

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: add a subnet

Your IaaS virtual machines (VMs) and PaaS role instances in a virtual network automatically receive a private IP address from a range that you specify, based on the subnet they are connected to. We need to add the 192.168.1.0/24 subnet.

Box 2: add a network interface

The 10.2.1.0/24 network exists. We need to add a network interface. References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-static-private-ip-arm-portal>

NEW QUESTION 56

- (Exam Topic 4)

You have an Azure virtual machine named VM1. Azure collects events from VM1.

You are creating an alert rule in Azure Monitor to notify an administrator when an error is logged in the System event log of VM1.

You need to specify which resource type to monitor.

What should you specify?

- A. metric alert
- B. Azure Log Analytics workspace
- C. virtual machine
- D. virtual machine extension

Answer: D

Explanation:

Azure Monitor can collect data directly from your Azure virtual machines into a Log Analytics workspace for detailed analysis and correlation. Installing the Log Analytics VM extension for Windows and Linux allows Azure Monitor to collect data from your Azure VMs.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/learn/quick-collect-azurevm>

NEW QUESTION 60

- (Exam Topic 4)

You have an Azure subscription that includes data in following locations:

Name	Type
container1	Blob container
share1	Azure files share
DB1	SQL database
Table1	Azure Table

You plan to export data by using Azure import/export job named Export1. You need to identify the data that can be exported by using Export1. Which data should you identify?

- A. DB1
- B. Table1
- C. container1
- D. Share1

Answer: D

Explanation:

Azure Import/Export service is used to securely import large amounts of data to Azure Blob storage and Azure Files by shipping disk drives to an Azure datacenter.

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-import-export-service>

NEW QUESTION 61

- (Exam Topic 4)

You manage two Azure subscriptions named Subscription1 and Subscription2. Subscription1 has the following virtual networks:

Name	Address space	Location
VNET1	10.10.10.0/24	West Europe
VNET2	172.16.0.0/16	West US

The virtual networks contain the following subnets:

Name	Address space	Location
Subnet11	10.10.10.0/24	VNET1
Subnet21	172.16.0.0/18	VNET2
Subnet22	172.16.128.0/18	VNET2

Subscription2 contains the following virtual network:

- > Name: VNETA
- > Address space: 10.10.128.0/17
- > Location: Canada Central

VNETA contains the following subnets:

Name	Address range
SubnetA1	10.10.130.0/24
SubnetA2	10.10.131.0/24

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

Statements	Yes	No
A Site-to-Site connection can be established between VNET1 and VNET2.	<input type="radio"/>	<input type="radio"/>
VNET1 and VNET2 can be peered.	<input type="radio"/>	<input type="radio"/>
VNET1 and VNETA can be peered.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

With VNet-to-VNet you can connect Virtual Networks in Azure across Different regions. Box 2: Yes

Azure supports the following types of peering:

Virtual network peering: Connect virtual networks within the same Azure region. Global virtual network peering: Connecting virtual networks across Azure regions.

Box 3: No

The virtual networks you peer must have non-overlapping IP address spaces. References:

<https://azure.microsoft.com/en-us/blog/vnet-to-vnet-connecting-virtual-networks-in-azure-across-different-regio> <https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering#requirements-and-cons>

NEW QUESTION 62

- (Exam Topic 4)

You have an Azure virtual machine named VM1.

You use Azure Backup to create a backup of VM1 named Backup1. After creating Backup1, you perform the following changes to VM1:

- > Modify the size of VM1.
- > Copy a file named Budget.xls to a folder named Data.
- > Reset the password for the built-in administrator account.
- > Add a data disk to VM1.

An administrator uses the Replace existing option to restore VM1 from Backup1. You need to ensure that all the changes to VM1 are restored. Which change should you perform again?

- A. Modify the size of VM1.
- B. Add a data disk.
- C. Reset the password for the built-in administrator account.
- D. Copy Budget.xls to Data.

Answer: D

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-arm-restore-vms#replace-existing-disks>

NEW QUESTION 65

- (Exam Topic 4)

You have an Azure subscription that contains the public load balancers shown in the following table.

Name	SKU
LB1	Basic
LB2	Standard

You plan to create six virtual machines and to load balancer requests to the virtual machines. Each load balancer will load balance three virtual machines. You need to create the virtual machines for the planned solution.

How should you create the virtual machines? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

The virtual machines that will be load balanced by using LB1 must:

<input type="checkbox"/> be connected to the same virtual network.
<input type="checkbox"/> be created in the same resource group.
<input type="checkbox"/> be created in the same availability set or virtual machine scale set.
<input type="checkbox"/> run the same operating system.

The virtual machines that will be load balanced by using LB2 must:

<input type="checkbox"/> be connected to the same virtual network.
<input type="checkbox"/> be created in the same resource group.
<input type="checkbox"/> be created in the same availability set or virtual machine scale set.
<input type="checkbox"/> run the same operating system.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: be created in the same availability set or virtual machine scale set.
 The Basic tier is quite restrictive. A load balancer is restricted to a single availability set, virtual machine scale set, or a single machine.
 Box 2: be connected to the same virtual network
 The Standard tier can span any virtual machine in a single virtual network, including blends of scale sets, availability sets, and machines.
 References:
<https://www.petri.com/comparing-basic-standard-azure-load-balancers>

NEW QUESTION 69

- (Exam Topic 4)

You have an Azure subscription that contains the following users in an Azure Active Directory tenant named contoso.onmicrosoft.com:

Name	Role	Scope
User1	Global administrator	Azure Active Directory
User2	Global administrator	Azure Active Directory
User3	User administrator	Azure Active Directory
User4	Owner	Azure Subscription

User1 creates a new Azure Active Directory tenant named external.contoso.onmicrosoft.com. You need to create new user accounts in external.contoso.com.onmicrosoft.com.
 Solution: You instruct User1 to create the user accounts.

- A. Yes
- B. No

Answer: A

Explanation:

Only a global administrator can add users to this tenant. References:
<https://docs.microsoft.com/en-us/azure/devops/organizations/accounts/add-users-to-azure-ad>

NEW QUESTION 74

- (Exam Topic 4)

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 that has a subnet named Subnet1
 - > Two network security groups (NSGs) named NSG-VM1 and NSG-Subnet1
 - > A virtual machine named VM1 that has the required Windows Server configurations to allow Remote Desktop connections
- NSG-Subnet1 has the default inbound security rules only.
 NSG-VM1 has the default inbound security rules and the following custom inbound security rule:
- > Priority: 100
 - >

- Source: Any
- > Source port range: *
- > Destination: *
- > Destination port range: 3389
- > Protocol: UDP
- > Action: Allow

VM1 connects to Subnet1. NSG1-VM1 is associated to the network interface of VM1. NSG-Subnet1 is associated to Subnet1. You need to be able to establish Remote Desktop connections from the internet to VM1.

Solution: You modify the custom rule for NSG-VM1 to use the internet as a source and TCP as a protocol. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The default port for RDP is TCP port 3389. A rule to permit RDP traffic must be created automatically when you create your VM.

Note on NSG-Subnet1: Azure routes network traffic between all subnets in a virtual network, by default. References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-connection>

NEW QUESTION 77

- (Exam Topic 4)

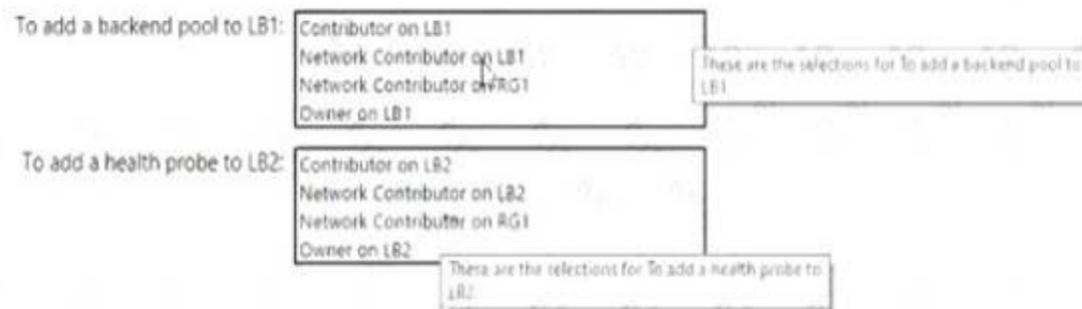
You have an Azure subscription named Subscription1 that contains a resource group named RG1. In RG1, you create an internal load balancer named LB1 and a public load balancer named LB2.

You need to ensure that an administrator named Admin 1 can manage LB1 and LB2. The solution must follow the principle of least privilege.

Which role should you assign to Admin1 for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

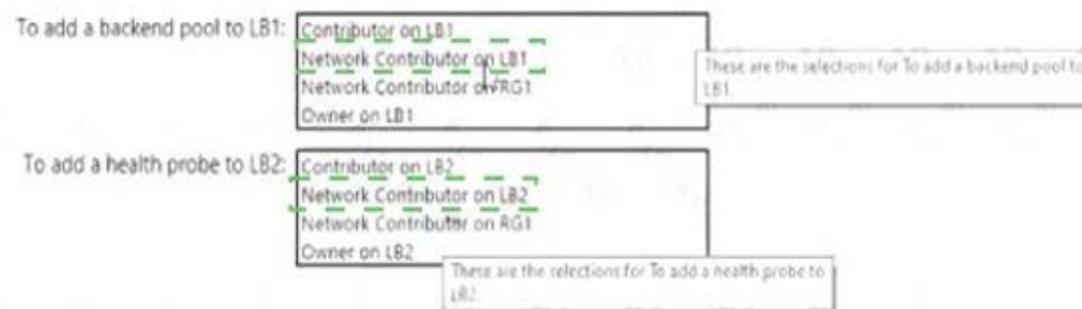


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 81

- (Exam Topic 4)

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 that has a subnet named Subnet1
- > Two network security groups (NSGs) named NSG-VM1 and NSG-Subnet1
- > A virtual machine named VM1 that has the required Windows Server configurations to allow Remote Desktop connections

NSG-Subnet1 has the default inbound security rules only.

NSG-VM1 has the default inbound security rules and the following custom inbound security rule:

- > Priority: 100
- > Source: Any
- > Source port range: *
- > Destination: *
- > Destination port range: 3389

> Protocol: UDP

> Action: Allow

VM1 connects to Subnet1. NSG1-VM1 is associated to the network interface of VM1. NSG-Subnet1 is associated to Subnet1.

You need to be able to establish Remote Desktop connections from the internet to VM1.

Solution: You add an inbound security rule to NSG-Subnet1 and NSG-VM1 that allows connections from the internet source to the VirtualNetwork destination for port range 3389 and uses the TCP protocol.

Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

The default port for RDP is TCP port 3389. A rule to permit RDP traffic must be created automatically when you create your VM.

Note on NSG-Subnet1: Azure routes network traffic between all subnets in a virtual network, by default. References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-connection>

NEW QUESTION 82

- (Exam Topic 4)

You have an Azure virtual machine named VM1 and a Recovery Services vault named Vault1. You create a backup Policy1 as shown in the exhibit. (Click the Exhibit tab.)

Policy1

Associated items Delete Save Discard

Backup schedule

* Frequency: Daily
* Time: 2:00 AM
* Timezone: (UTC) Coordinated Universal Time

Retention range

Retention of daily backup point.
* At: 2:00 AM For: 5 Day(s)

Retention of weekly backup point.
* On: Sunday * At: 2:00 AM For: 20 Week(s)

Retention of monthly backup point.
Week Based Day Based
* On: 2 * At: 2:00 AM For: 24 Month(s)

Retention of yearly backup point.
Week Based Day Based
* In: January * On: 9 * At: 2:00 AM For: 5 Year(s)

You configure the backup of VM1 to use Policy1 on Thursday, January 1. You need to identify the number of available recovery points for VM1.

How many recovery points are available on January 8 and on January 15? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

January 8 at 14:00:

	▼
5	
6	
8	
9	

January 15 at 14:00:

	▼
5	
8	
17	
19	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 6
4 daily + 1 weekly + monthly
Box 2: 8
4 daily + 2 weekly + monthly + yearly

NEW QUESTION 83

- (Exam Topic 4)

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 Active Directory (Azure AD) tenant named Adatum and an Azure Subscription named Subscription1. Adatum contains a group named Developers. Subscription1 contains a resource group named Dev.

You need to provide the Developers group with the ability to create Azure logic apps in the Dev resource group.

Solution: On Dev, you assign the Contributor role to the Developers group. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

The Logic App Contributor role lets you manage logic app, but not access to them. It provides access to view, edit, and update a logic app.

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles> <https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-securing-a-logic-app>

NEW QUESTION 85

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Storage account.

You plan to copy an on-premises virtual machine image to a container named vmimages. You need to create the container for the planned image.

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



```

azcopy make  
sync  
copy 'https://mystorageaccount.blob  
dfs  
queue  
table  
images  
file.core.windows.net/vmimages'
    
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

azcopy make 'https://<storage-account-name>.file.core.windows.net/<file-share-name><SAS-token>'

NEW QUESTION 87

- (Exam Topic 4)

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

Name	Type	Resource group	Location
Vault1	Recovery services vault	RG1	East US
VM1	Virtual machine	RG1	East US
VM2	Virtual machine	RG1	West US

All virtual machines run Windows Server 2016.

On VM1, you back up a folder named Folder1 as shown in the following exhibit.



You plan to restore the backup to a different virtual machine. You need to restore the backup to VM2. What should you do first?

- A. From VM2, install the Microsoft Azure Recovery Services Agent
- B. From VM1, install the Windows Server Backup feature
- C. From VM2, install the Windows Server Backup feature
- D. From VM1, install the Microsoft Azure Recovery Services Agent

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-restore-windows-server>

NEW QUESTION 89

- (Exam Topic 4)

You need to use Azure Automation State Configuration to manage the ongoing consistency of virtual machine configurations.

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

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Compile a configuration into a node configuration.
- Onboard the virtual machines to Azure Automation State Configuration.
- Upload a configuration to Azure Automation State Configuration.
- Check the compliance status of the node.
- Assign tags to the virtual machines.
- Assign the node configuration.
- Create a management group.

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Step 1: Upload a configuration to Azure Automation State Configuration. Import the configuration into the Automation account.

Step 2: Compile a configuration into a node configuration.

A DSC configuration defining that state must be compiled into one or more node configurations (MOF document), and placed on the Automation DSC Pull Server.

Step 3: Onboard the virtual machines to Azure Automation State Configuration. Onboard the Azure VM for management with Azure Automation State Configuration

Step 4: Assign the node configuration

Step 5: Check the compliance status of the node

Each time Azure Automation State Configuration performs a consistency check on a managed node, the node sends a status report back to the pull server. You can view these reports on the page for that node.

On the blade for an individual report, you can see the following status information for the corresponding consistency check:

The report status — whether the node is "Compliant", the configuration "Failed", or the node is "Not Compliant"

References:

<https://docs.microsoft.com/en-us/azure/automation/automation-dsc-getting-started>

NEW QUESTION 90

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Storage account named storage1 and the users shown in the following table.

Name	Member of
User1	Group1
User2	Group2
User3	Group1

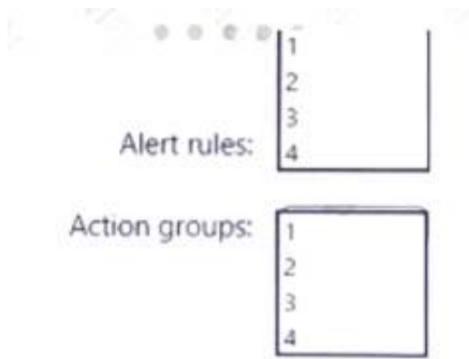
You plan to monitor storage1 and to configure email notifications for the signals shown in the following table.

Name	Type	Users to notify
Ingress	Metric	User1 and User3 only
Egress	Metric	User1 only
Delete storage account	Activity log	User1, User2, and User3
Restore blob ranges	Activity log	User1 and User3 only

You need to identify the minimum number of alert rules and action groups required for the planned monitoring.

How many alert rules and action groups should you identify? To answer, select the appropriate options in the answer area.

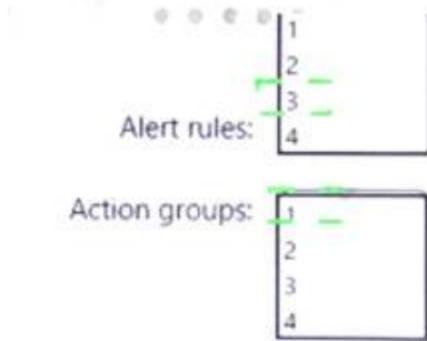
NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 94

- (Exam Topic 4)

You have Azure subscriptions named Subscription1 and Subscription2. Subscription1 has following resource groups:

Name	Region	Lock type
RG1	West Europe	None
RG2	West Europe	Read Only

RG1 includes a web app named App1 in the West Europe location. Subscription2 contains the following resource groups:

Name	Region	Lock type
RG3	East Europe	Delete
RG4	Central US	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.

Statements	Yes	No
App1 can be moved to RG2	<input type="radio"/>	<input type="radio"/>
App1 can be moved to RG3	<input type="radio"/>	<input type="radio"/>
App1 can be moved to RG4	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Reference:
<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/move-limitations/app-service-mov>

NEW QUESTION 99

- (Exam Topic 4)

You have an Azure Active Directory tenant named Contoso.com that includes following users:

Name	Role
User1	Cloud device administrator
User2	User administrator

Contoso.com includes following Windows 10 devices:

Name	Join type
Device1	Azure AD registered
Device2	Azure AD joined

You create following security groups in Contoso.com:

Name	Join type	Owner
Group1	Assigned	User1
Group2	Dynamic Device	User2

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
User1 can add Device2 to Group1	<input type="radio"/>	<input type="radio"/>
User2 can add Device1 to Group1	<input type="radio"/>	<input type="radio"/>
User2 can add Device2 to Group2	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Yes

User1 is a Cloud Device Administrator. Device2 is Azure AD joined.

Group1 has the assigned to join type. User1 is the owner of Group1.

Note: Assigned groups - Manually add users or devices into a static group.

Azure AD joined or hybrid Azure AD joined devices utilize an organizational account in Azure AD

Box 2: No
User2 is a User Administrator. Device1 is Azure AD registered.

Group1 has the assigned join type, and the owner is User1.

Note: Azure AD registered devices utilize an account managed by the end user, this account is either a Microsoft account or another locally managed credential.

Box 3: Yes

User2 is a User Administrator. Device2 is Azure AD joined.

Group2 has the Dynamic Device join type, and the owner is User2. References:

<https://docs.microsoft.com/en-us/azure/active-directory/devices/overview>

NEW QUESTION 100

.....

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