



Microsoft

Exam Questions AZ-104

Microsoft Azure Administrator

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NEW QUESTION 1

- (Exam Topic 5)

Your network contains an on-premises Active Directory forest named contoso.com that contains two domains named contoso.com and east.contoso.com. The forest contains the users shown in the following table.

Name	Domain	Member of
User1	Contoso.com	Enterprise Admins
User2	Contoso.com	Domain Admins
User3	East.contoso.com	Domain Admins
User4	East.contoso.com	Domain Users

You plan to sync east.contoso.com to an Azure Active Directory (Azure AD) tenant by using Azure AD Connect.

You need to select an account for Azure AD Connect to use to connect to the forest. Which account should you select?

- A. User1
- B. User2
- C. User3
- D. User4

Answer: D

Explanation:

It is no longer supported to use an enterprise admin or a domain admin account as the AD DS Connector account.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/reference-connect-accounts-permissions>

NEW QUESTION 2

- (Exam Topic 5)

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 app named App1 that is installed on two Azure virtual machines named VM1 and VM2. Connections to App1 are managed by using an Azure Load Balancer.

The effective network security configurations for VM2 are shown in the following exhibit.



Priority	Name	Port	Protocol	Source	Destination	Action
100	Allow_131.107.100.50	443	TCP	131.107.100.50	VirtualNetwork	Allow
200	BlockAllOther443	443	Any	Any	Any	Deny
65500	AllowVnetInbound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65501	AllowAzureLoadBalancerInbound	Any	Any	AzureLoadBalancer	Any	Allow
65502	DenyAllInbound	Any	Any	Any	Any	Deny

You discover that connections to App1 from 131.107.100.50 over TCP port 443 fail. You verify that the Load Balancer rules are configured correctly.

You need to ensure that connections to App1 can be established successfully from 131.107.100.50 over TCP port 443.

Solution: You create an inbound security rule that allows any traffic from the AzureLoadBalancer source and has a cost of 150.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 3

- (Exam Topic 4)

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 US	<i>Not applicable</i>
Vault1	Recovery Services vault	West Europe	RG1
storage1	Storage account	East US	RG2
storage2	Storage account	West US	RG1
storage3	Storage account	West Europe	RG2
Analytics1	Log Analytics workspace	East US	RG1
Analytics2	Log Analytics workspace	West US	RG2
Analytics3	Log Analytics workspace	West Europe	RG1

You plan to configure Azure Backup reports for Vault1.

You are configuring the Diagnostics settings for the AzureBackupReports log.

Which storage accounts and which Log Analytics workspaces can you use for the Azure Backup reports of Vault1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Storage accounts:	<div><div></div><div>storage1 only</div><div>storage2 only</div><div>storage3 only</div><div>storage1, storage2, and storage3</div></div>
Log Analytics workspaces:	<div><div></div><div>Analytics1 only</div><div>Analytics2 only</div><div>Analytics3 only</div><div>Analytics1, Analytics2, and Analytics3</div></div>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: storage3 only

Vault1 and storage3 are both in West Europe. Box 2: Analytics3

Vault1 and Analytics3 are both in West Europe. References:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-configure-reports>

NEW QUESTION 4

- (Exam Topic 4)

You have an Azure subscription that contains an Azure file share.

You have an on-premises server named Server1 that runs Windows Server 2016. You plan to set up Azure File Sync between Server1 and the Azure file share.

You need to prepare the subscription for the planned Azure File Sync.

Which two actions should you perform in the Azure subscription? To answer, drag the appropriate actions to the correct targets. Each action 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.

Actions		Answer Area
Create a Storage Sync Service		First action: <div>Action</div>
Create a sync group	➡	Second action: <div>Action</div>
Install the Azure File Sync agent	⬅	
Run Server Registration		

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

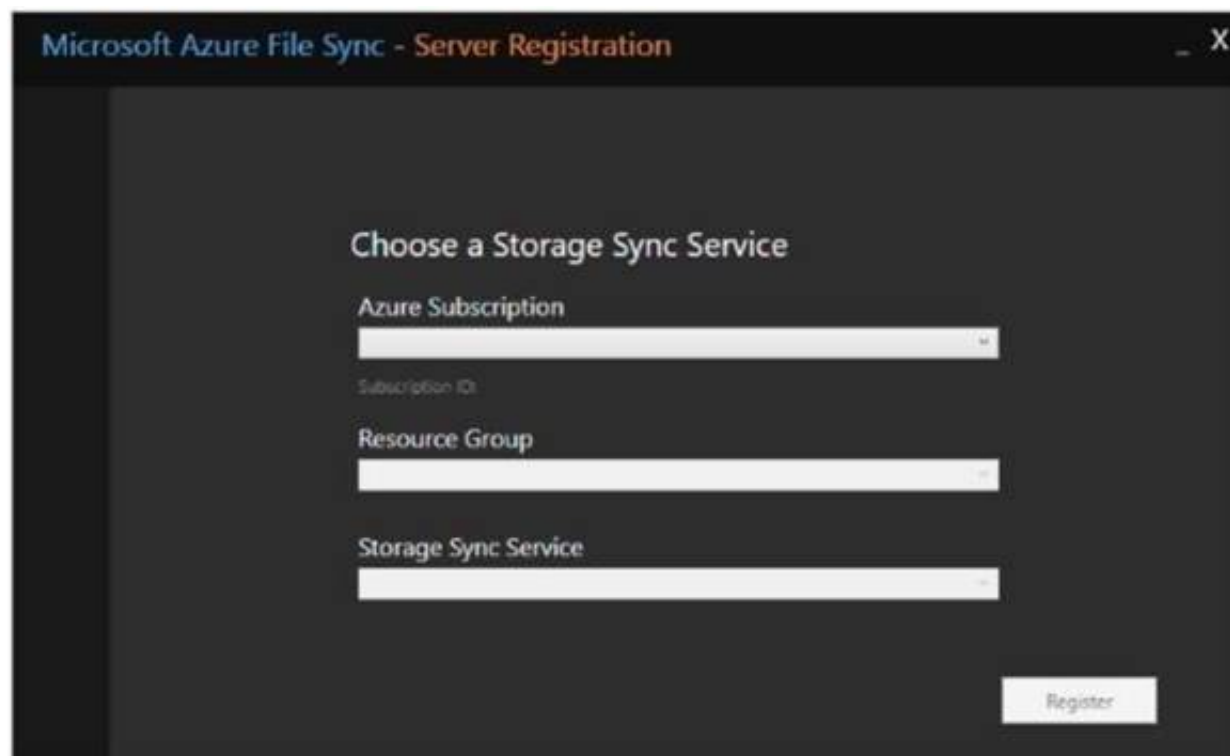
As per the official MS doc:

The recommended steps to onboard on Azure File Sync for the first with zero downtime while preserving full file fidelity and access control list (ACL) are as follows:

- * 1. Deploy a Storage Sync Service. --> This needs to be done on Azure .
- * 2. Create a sync group. --> This needs to be done on Azure
- * 3. Install Azure File Sync agent on the server with the full data set. --> This needs to be done on server1.
- * 4. Register that server and create a server endpoint on the share. --> This needs to be done on server1.
- * 5. Let sync do the full upload to the Azure file share (cloud endpoint).
- * 6. After the initial upload is complete, install Azure File Sync agent on each of the remaining servers.
- * 7. Create new file shares on each of the remaining servers.
- * 8. Create server endpoints on new file shares with cloud tiering policy, if desired. (This step requires additional storage to be available for the initial setup.)
- * 9. Let Azure File Sync agent do a rapid restore of the full namespace without the actual data transfer. After the full namespace sync, sync engine will fill the local disk space based on the cloud tiering policy for the server endpoint.
- * 10. Ensure sync completes and test your topology as desired.
- * 11. Redirect users and applications to this new share.
- * 12. You can optionally delete any duplicate shares on the servers.

First action: Create a Storage Sync Service

The deployment of Azure File Sync starts with placing a Storage Sync Service resource into a resource group of your selected subscription.

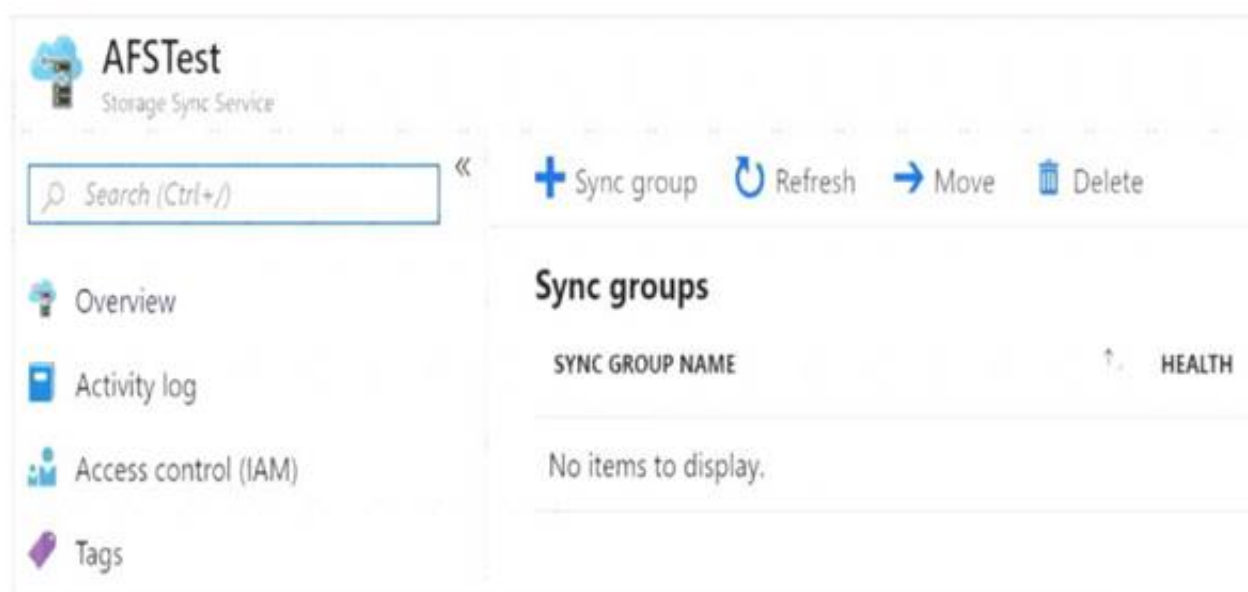


Second action: Create a sync group

A sync group defines the sync topology for a set of files. Endpoints within a sync group are kept in sync with each other. A sync group must contain one cloud endpoint, which represents an Azure file share and one or more server endpoints. A server endpoint represents a path on a registered server. A server can have server endpoints in multiple sync groups. You can create as many sync groups as you need to appropriately describe your desired sync topology.



To create a sync group, in the Azure portal, go to your Storage Sync Service, and then select **+ Sync group**:



Third action: Run Server Registration

Registering your Windows Server with a Storage Sync Service establishes a trust relationship between your server (or cluster) and the Storage Sync Service. A server can only be registered to one Storage Sync Service and can sync with other servers and Azure file shares associated with the same Storage Sync Service.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-sync-files-deployment-guide?tabs=azure-portal>

NEW QUESTION 5

- (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 Internet source to the VirtualNetwork destination for port range 3389 and uses the UDP protocol.

Does this meet the goal?

- A. Yes
B. No

Answer: B

Explanation:

The default port for RDP is TCP port 3389 not UDP.

NSGs deny all inbound traffic except from virtual network or load balancers. For inbound traffic, Azure processes the rules in a network security group associated to a subnet first, and then the rules in a network security group associated to the network interface.

By default NSG rule to allow traffic through RDP port 3389 is not created automatically during the creation of VM, unless you change the setting during creation. Here in the solution UDP traffic is allowed at virtual network level which is not tcp/rdp protocol. So this will not work to achieve the goal.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/troubleshoot-rdp-connection> <https://docs.microsoft.com/en-us/azure/virtual-network/security-overview#default-security-rules>

NEW QUESTION 6

- (Exam Topic 4)

You have a Microsoft 365 tenant and an Azure Active Directory (Azure AD) tenant named contoso.com. You plan to grant three users named User1, User2, and User3 access to a temporary Microsoft SharePoint document library named Library1.

You need to create groups for the users. The solution must ensure that the groups are deleted automatically after 180 days.

Which two groups should you create? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a Security group that uses the Assigned membership type
B. an Office 365 group that uses the Assigned membership type
C. an Office 365 group that uses the Dynamic User membership type
D. a Security group that uses the Dynamic User membership type
E. a Security group that uses the Dynamic Device membership type

Answer: BC

Explanation:

You can set expiration policy only for Office 365 groups in Azure Active Directory (Azure AD).

Note: With the increase in usage of Office 365 Groups, administrators and users need a way to clean up unused groups. Expiration policies can help remove inactive groups from the system and make things cleaner.

When a group expires, all of its associated services (the mailbox, Planner, SharePoint site, etc.) are also deleted.

You can set up a rule for dynamic membership on security groups or Office 365 groups.

NEW QUESTION 7

- (Exam Topic 4)

You have an Azure subscription that contains a user account named User1.

You need to ensure that User1 can assign a policy to the tenant root management group. What should you do?

- A. Assign the Owner role to User1, and then instruct User1 to configure access management for Azure resources.
B. Assign the Global administrator role to User1, and then instruct User1 to configure access management for Azure resources.
C. Assign the Global administrator role to User1, and then modify the default conditional access policies.
D. Assign the Owner role to User1, and then modify the default conditional access policies.

Answer: A

Explanation:

To assign a policy to the tenant root management group you have to be an administrator of an Azure subscription. To make a user an administrator of an Azure subscription, assign them the Owner role at the subscription scope. After that assignment user can configure access management for Azure resources.

Reference:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal>

NEW QUESTION 8

- (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 9

- (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 10

- (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	Answer Area
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.	

- 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"

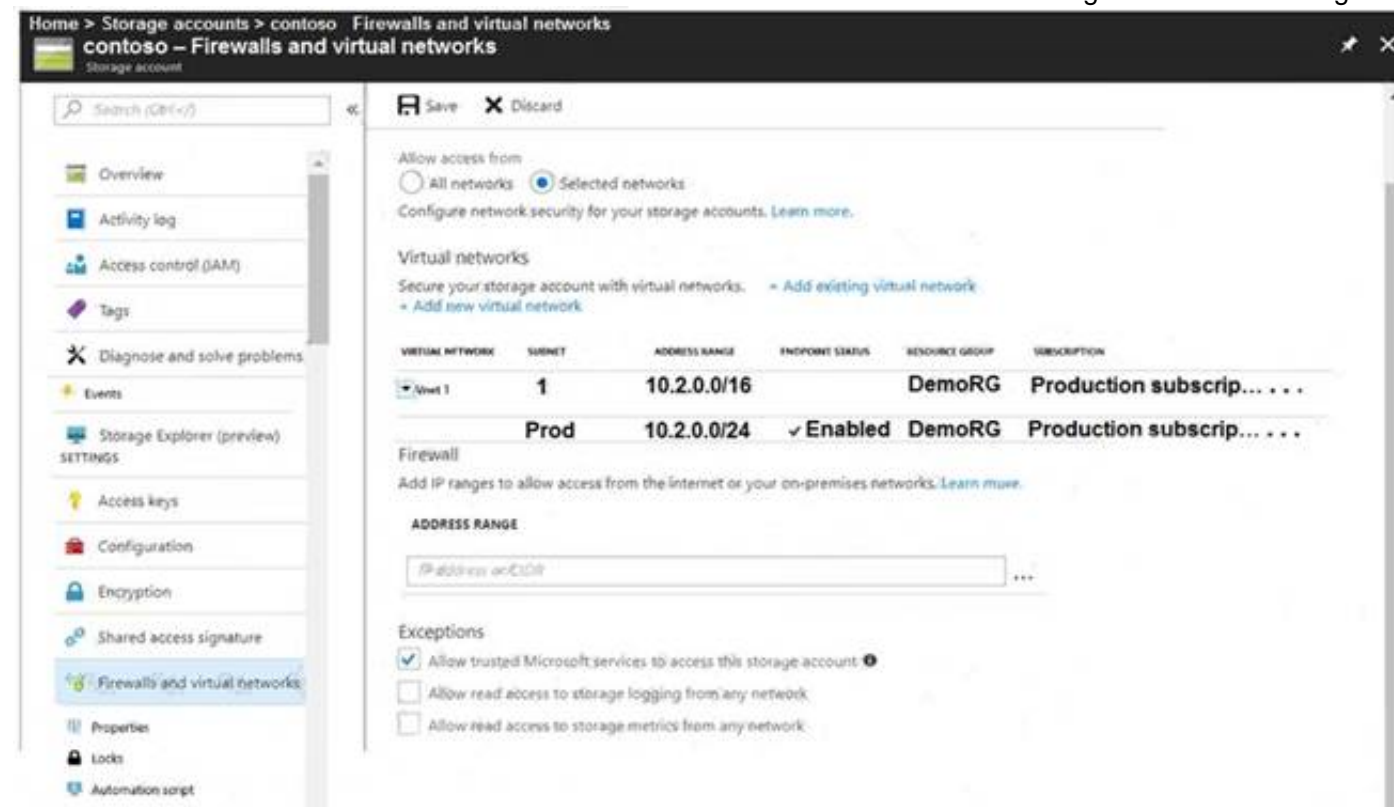
References:

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

NEW QUESTION 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

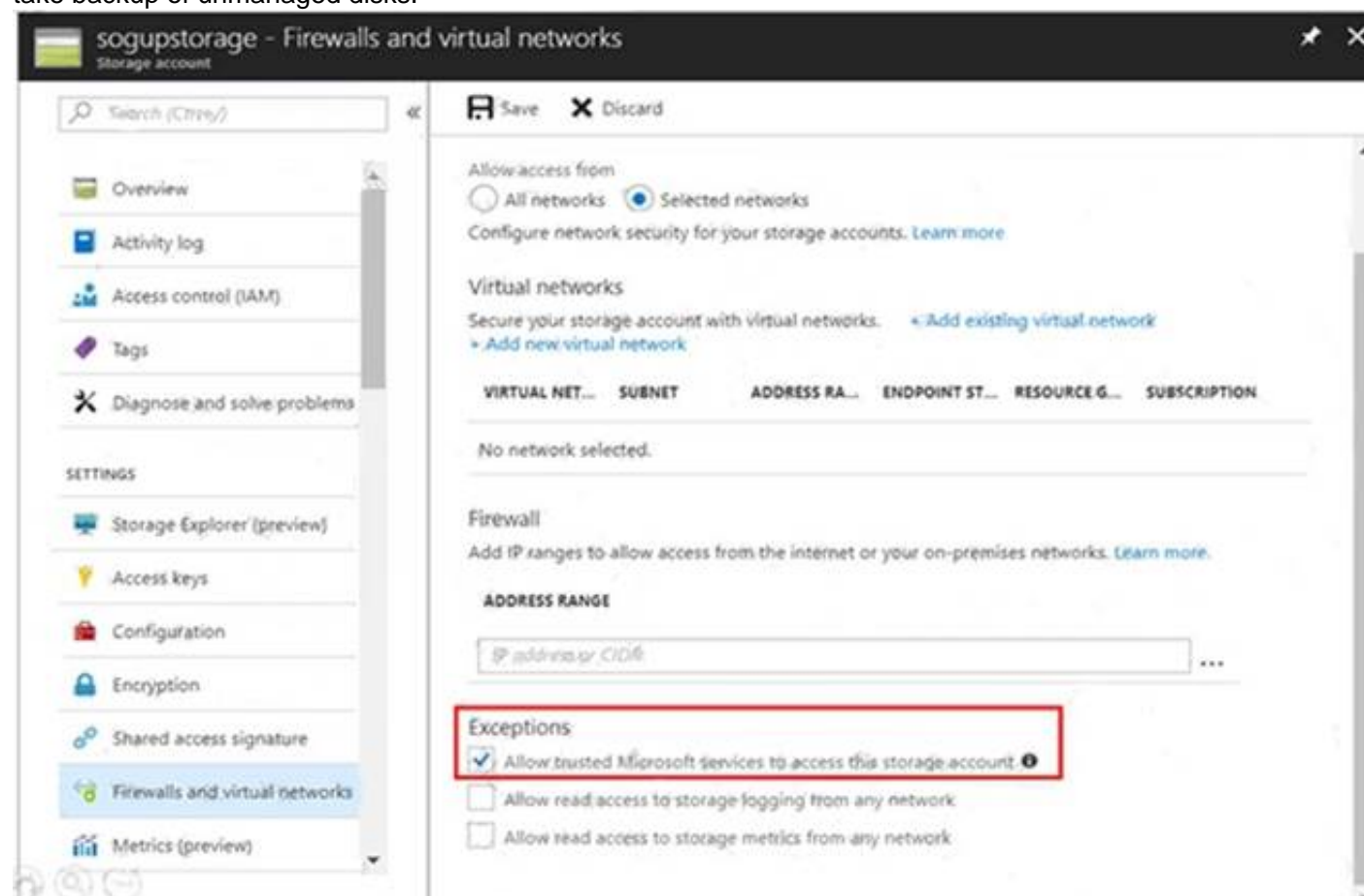
Explanation:

Box 1: never

For Subnet 10.2.9.0/24, endpoint (Refer to first endpoint) is not enabled into the storage account shown in the exhibit. Hence there would not be any connectivity to the file shares in storage account. To establish this connection you must have to enable the endpoint.

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. As this required setting is missing, so Azure backup will not be able to take backup of unmanaged disks.



Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-private-endpoints> <https://azure.microsoft.com/en-us/blog/azure-backup-now-supports-storage-accounts-secured-with-azurestorage>

NEW QUESTION 15

- (Exam Topic 4)

You have an azure subscription named Subscription that contains the resource groups shown in the following table.

Name	Region
RG1	East Asia
RG2	East US

In RG1, you create a virtual machine named VM1 in the East Asia location. You plan to create a virtual network named VNET1.

You need to create VNET, and then connect VM1 to VNET1.

What are two possible ways to achieve this goal? Each correct answer presents a complete a solution. NOTE: Each correct selection is worth one point.

- A. Create VNET1 in RG2, and then set East Asia as the location.
- B. Create VNET1 in a new resource group in the West US location, and then set West US as the location.
- C. Create VNET1 in RG1, and then set East Asia as the location
- D. Create VNET1 in RG1, and then set East US as the location.
- E. Create VNET1 in RG2, and then set East US as the location.

Answer: AC

Explanation:

A network interface can exist in the same, or different resource group, than the virtual machine you attach it to, or the virtual network you connect it to.

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

Note, Resource groups can span multiple Regions, but VNets only can hold resources (VMs, Network Adapters) that exists in the same region.

So in this scenario, you need to create VNET1 in any RG and set location as East Asia. Reference:

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

NEW QUESTION 20

- (Exam Topic 4)

You have an Active Directory domain named contoso.com that contains the objects shown in the following table.

Name	Type	In organizational unit (OU)
User1	User	OU1
User2	User	OU1
User3	User	OU1
Group1	Security Group – Global	OU1
User4	User	OU2
Group2	Security Group – Global	OU2

The groups have the memberships shown in the following table.

Group	Member
Group1	User1
Group2	User2, Group1

OU1 and OU2 are synced to Azure Active Directory (Azure AD).

You modify the synchronization settings and remove OU1 from synchronization. You sync Active Directory and Azure AD.

Which objects are in Azure AD?

- A. User4 and Group2 only
- B. User2, Group1, User4, and Group2 only
- C. User1, User2, Group1, User4, and Group2 only
- D. User1, User2, User3, User4, Group1, and Group2

Answer: C

NEW QUESTION 24

- (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 26

- (Exam Topic 4)

You have an Azure subscription that contains two virtual networks named VNet1 and VNet2. Virtual machines connect to the virtual networks. The virtual networks n on-premises server named Server1 th configured as shown in the following table.

Virtual network	Address space	Subnet	Peering
VNet1	10.1.0.0/16	10.1.0.0/24 10.1.1.0/26	VNet2
VNet2	10.2.0.0/16	10.2.0.0/24	VNet1

You need to add the address space of 10.33.0.0/16 to VNet1. The solution must ensure that the hosts on VNet1 and VNet2 can communicate.

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

Actions

On the peering connection in VNet2, allow gateway transit.

On the peering connection in VNet1, allow gateway transit.

Create a new virtual network named VNet1.

Recreate peering between VNet1 and VNet2.

Add the 10.33.0.0/16 address space to VNet1.

Remove peering between VNet1 and VNet2.

Remove VNet1.

Answer Area

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Step 1: Remove peering between Vnet1 and VNet2.

You can't add address ranges to, or delete address ranges from a virtual network's address space once a virtual network is peered with another virtual network. To add or remove address ranges, delete the peering, add or remove the address ranges, then re-create the peering.

Step 2: Add the 10.44.0.0/16 address space to VNet1. Step 3: Recreate peering between VNet1 and VNet2

References:
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering>

NEW QUESTION 27

- (Exam Topic 4)

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

Name	Type	Location
VNET1	Virtual network	East US
IP1	Public IP address	West Europe
RT1	Route table	North Europe

You need to create a network interface named NIC1.

In which location can you create NIC1?

- A. East US and North Europe only.
 B. East US and West Europe only.
 C. East US, West Europe, and North Europe.
 D. East US only.

Answer: D

Explanation:

A virtual network is required when you create a NIC. Select the virtual network for the network interface. You can only assign a network interface to a virtual network that exists in the same subscription and location as the network interface. Once a network interface is created, you cannot change the virtual network it is assigned to. The virtual machine you add the network interface to must also exist in the same location and subscription as the network interface.

References:

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

NEW QUESTION 32

- (Exam Topic 4)

You have an Azure subscription that contains the following resources:

- > 100 Azure virtual machines
- > 20 Azure SQL databases
- > 50 Azure file shares

You need to create a daily backup of all the resources by using Azure Backup. What is the minimum number of backup policies that you must create?

- A. 1
- B. 2
- C. 3
- D. 150
- E. 170

Answer: C

Explanation:

There is a limit of 100 VMs that can be associated to the same backup policy from portal. We recommend that for more than 100 VMs, create multiple backup policies with same schedule or different schedule.

One policy for VMS, one for SQL databases, and one for the file shares. References:

<https://docs.microsoft.com/en-us/azure/backup/backup-azure-vm-backup-faq>

NEW QUESTION 35

- (Exam Topic 4)

You have two Azure virtual machines named VM1 and VM2. You have two Recovery Services vaults named RSV1 and RSV2.

VM2 is protected by RSV1.

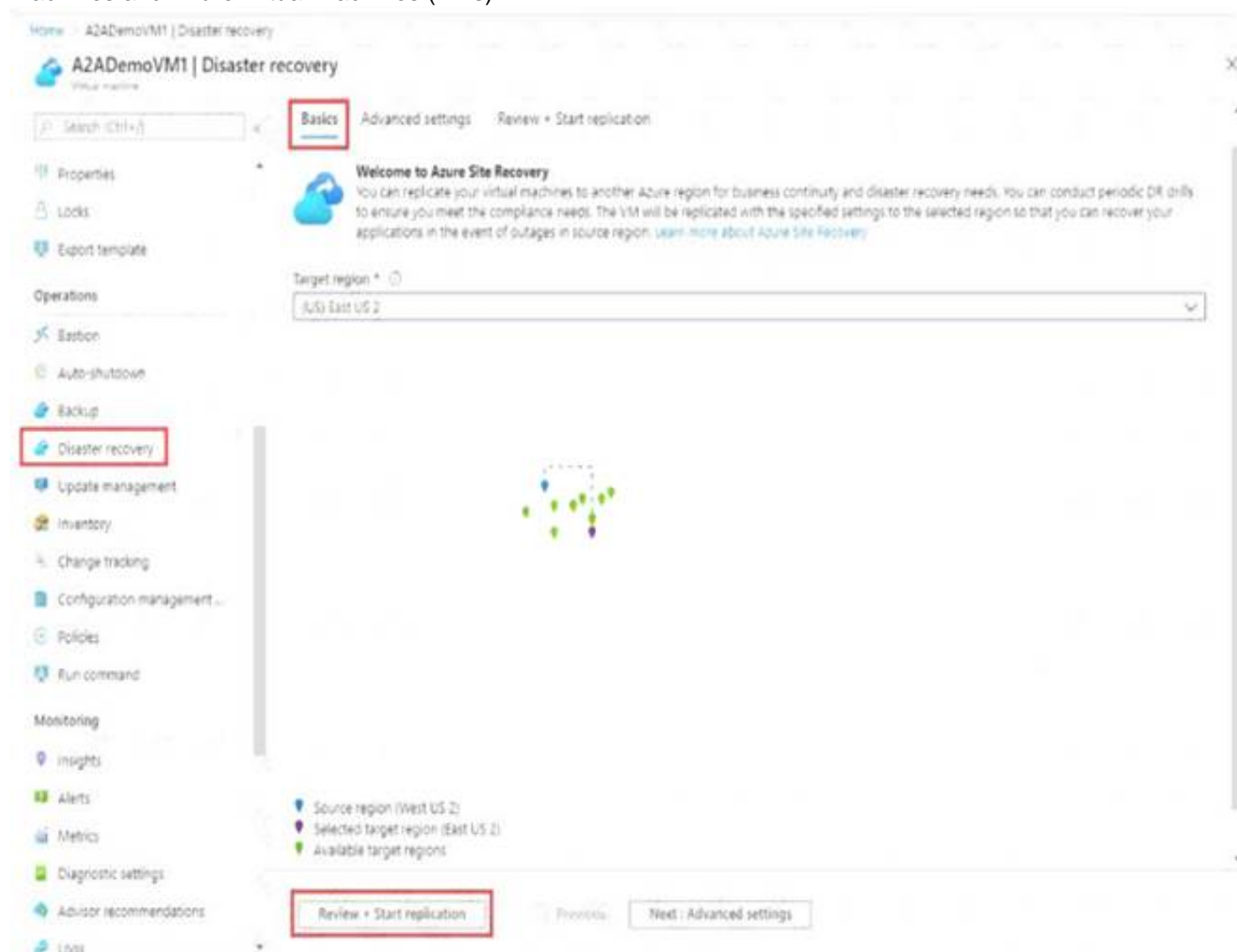
You need to use RSV2 to protect VM2. What should you do first?

- A. From the RSV1 blade, click Backup items and stop the VM2 backup.
- B. From the RSV1 blade, click Backup Jobs and export the VM2 backup.
- C. From the RSV1 blade, click Backu
- D. From the Backup blade, select the backup for the virtual machine, and then click Backup.
- E. From the VM2 blade, click Disaster recovery, click Replication settings, and then select RSV2 as the Recovery Services vault.

Answer: D

Explanation:

The Azure Site Recovery service contributes to your disaster recovery strategy by managing and orchestrating replication, failover, and failback of on-premises machines and Azure virtual machines (VMs).



Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/azure-to-azure-quickstart> <https://docs.microsoft.com/en-us/azure/site-recovery/azure-to-azure-tutorial-enable-replication>

NEW QUESTION 39

- (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

Security rules

1 inbound, 1 outbound

Associated with

0 subnets, 0 network interfaces

⌵

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 41

- (Exam Topic 4)

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

Name	Type
LB1	Load balancer
VM1	Virtual machine
VM2	Virtual machine

VM1 and VM2 run a website that is configured as shown in the following table.

Name	Physical path	Alias
Root folder	C:\inetpub\wwwroot\SiteA	/
Temp	C:\inetpub\wwwroot\Temp	Temp

LB1 is configured to balance requests to VM1 and VM2. You configure a health probe as shown in the exhibit. (Click the Exhibit tab.)

Probe1

LB1

Save

Discard

Delete

Name

Probe1

IP version

IPv4

Protocol ⓘ

HTTP

Port ⓘ

80

Path ⓘ

/Temp/Probe1.htm

Interval ⓘ

5

seconds

Unhealthy threshold ⓘ

2

cumulative failures

Used by ⓘ

Rule

You need to ensure that the health probe functions correctly.
 What should you do?

- A. On LB1, change the Unhealthy threshold to 65536.
- B. On LB1, change the port to 8080.
- C. On VM1 and VM2, create a file named Probe1.htm in the C:\intepub\wwwroot\Temp folder.
- D. On VM1 and VM2, create a file named Probe1.htm in the C:\intepub\wwwroot\SiteA\Temp folder.

Answer: D

Explanation:
 Load balancing provides a higher level of availability and scale by spreading incoming requests across virtual machines (VMs). You can use the Azure portal to create a Standard load balancer and balance internal traffic among VMs.
 To load balance successfully between VM1 and VM2 you have to place the html file in the path mentioned in the Probe1 configuration.
 References:
<https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-standard-internal-portal>

NEW QUESTION 42
 - (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that is synced to an Active Directory domain. The tenant contains the users shown in the following table.

Name	Type	Source
User1	Member	Azure AD
User2	Member	Windows Server Active Directory
User3	Guest	Microsoft account
User4	Member	Windows Server Active Directory

The users have the attributes shown in the following table.

Name	Office phone	Mobile phone
User1	222-555-1234	222-555-2345
User2	null	null
User3	222-555-1234	222-555-2346
User4	222-555-1234	null

You need to ensure that you can enable Azure Multi-Factor Authentication (MFA) for all four users. Solution: You add an office phone number for User2. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:
 User3 requires a user account in Azure AD.
 Note: Your Azure AD password is considered an authentication method. It is the one method that cannot be disabled.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

NEW QUESTION 43

- (Exam Topic 4)

You have Azure subscription that includes following Azure file shares: You have the following on-premises servers:

You create a Storage Sync Service named Sync1 and an Azure File Sync group named Group1. Group1 uses share1 as a cloud endpoint.

You register Server1 and Server2 in Sync1. You add D:\Folder1 on Server1 as a server endpoint of Group1. 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
share2 can be added as a cloud endpoint for Group1	<input type="radio"/>	<input type="radio"/>
E:\Folder2 on Server1 can be added as a server endpoint for Group1	<input type="radio"/>	<input type="radio"/>
D:\Data on Server2 can be added as a server endpoint for Group1	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: No

Group1 already has a cloud endpoint named Share1.

A sync group must contain one cloud endpoint, which represents an Azure file share and one or more server endpoints.

Box 2: Yes

Yes, one or more server endpoints can be added to the sync group. Box 3: Yes

Yes, one or more server endpoints can be added to the sync group. References:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-sync-files-deployment-guide>

NEW QUESTION 45

- (Exam Topic 4)

You have an Azure Active Directory (Azure AD) tenant named contoso.com that is synced to an Active Directory domain. The tenant contains the users shown in the following table.

Name	Type	Source
User1	Member	Azure AD
User2	Member	Windows Server Active Directory
User3	Guest	Microsoft account
User4	Member	Windows Server Active Directory

The users have the attribute shown in the following table.

Name	Office phone	Mobile phone
User1	222-555-1234	222-555-2345
User2	null	null
User3	222-555-1234	222-555-2346
User4	222-555-1234	null

You need to ensure that you can enable Azure Multi-Factor Authentication (MFA) for all four users.

Solution: You add a mobile phone number for User2 and User4. Does this meet the Goal?

- A. Yes
B. No

Answer: B

Explanation:

User3 requires a user account in Azure AD.

Note: Your Azure AD password is considered an authentication method. It is the one method that cannot be disabled.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

NEW QUESTION 48

- (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:

Read only and Delete lock won't prevent you from moving resources in different resource groups. It will prevent you to do the operations in the resource group where the resources are there.

So the correct answer should be

RG1 --> RG2 = IP1, vnet1 and storage1 RG2 --> RG1 = IP2, vnet2 and storage2 Reference:

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

NEW QUESTION 50

- (Exam Topic 4)

You have an Azure subscription.

Users access the resources in the subscription from either home or from customer sites. From home, users must establish a point-to-site VPN to access the Azure resources. The users on the customer sites access the Azure resources by using site-to-site VPNs.

You have a line-of-business app named App1 that runs on several Azure virtual machine. The virtual machines run Windows Server 2016.

You need to ensure that the connections to App1 are spread across all the virtual machines.

What are two possible Azure services that you can use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. a public load balancer
- B. Traffic Manager
- C. an Azure Content Delivery Network (CDN)
- D. an internal load balancer
- E. an Azure Application Gateway

Answer: DE

Explanation:

Line-of-business apps means custom apps. Generally these are used by internal staff members of the company. Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications.

Internal Load Balancer provides a higher level of availability and scale by spreading incoming requests across virtual machines (VMs) within the virtual network.

Reference:

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

NEW QUESTION 54

- (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: A

Explanation:

The Contributor role can manage all resources (and add resources) in a Resource Group. Reference:
<https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

NEW QUESTION 55

- (Exam Topic 3)

You need to implement a backup solution for App1 after the application is moved. What should you create first?

- A. a recovery plan
- B. an Azure Backup Server
- C. a backup policy
- D. a Recovery Services vault

Answer: D

Explanation:

A Recovery Services vault is a logical container that stores the backup data for each protected resource, such as Azure VMs. When the backup job for a protected resource runs, it creates a recovery point inside the Recovery Services vault.

Scenario:

There are three application tiers, each with five virtual machines. Move all the virtual machines for App1 to Azure.

Ensure that all the virtual machines for App1 are protected by backups.

References: <https://docs.microsoft.com/en-us/azure/backup/quick-backup-vm-portal>

NEW QUESTION 57

- (Exam Topic 3)

You need to meet the user requirement for Admin1. What should you do?

- A. From the Subscriptions blade, select the subscription, and then modify the Properties.
- B. From the Subscriptions blade, select the subscription, and then modify the Access control (IAM) settings.
- C. From the Azure Active Directory blade, modify the Properties.
- D. From the Azure Active Directory blade, modify the Groups.

Answer: A

Explanation:

Change the Service administrator for an Azure subscription

- > Sign in to Account Center as the Account administrator.
- > Select a subscription.
- > On the right side, select Edit subscription details.

Scenario: Designate a new user named Admin1 as the service administrator of the Azure subscription. References:
<https://docs.microsoft.com/en-us/azure/billing/billing-add-change-azure-subscription-administrator>

NEW QUESTION 61

- (Exam Topic 2)

Which blade should you instruct the finance department auditors to use?

- A. Partner information
- B. Overview
- C. Payment methods
- D. Invoices

Answer: D

Explanation:

You can opt in and configure additional recipients to receive your Azure invoice in an email. This feature may not be available for certain subscriptions such as support offers, Enterprise Agreements, or Azure in Open.

- > Select your subscription from the Subscriptions page. Opt-in for each subscription you own. Click Invoices then Email my invoice.
- > Click Opt in and accept the terms.

Scenario: During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.

References: <https://docs.microsoft.com/en-us/azure/billing/billing-download-azure-invoice-daily-usage-date>

NEW QUESTION 65

- (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: B

Explanation:

Scenario: Licensing Issue

* 1. 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."

* 2. You verify that the Azure subscription has the available licenses. Solution:

License cannot be assigned to a user without a usage location specified.

Some Microsoft services aren't available in all locations because of local laws and regulations. Before you can assign a license to a user, you must specify the Usage location property for the user. You can specify the location under the User > Profile > Settings section in the Azure portal.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/users-groups-roles/licensing-groups-resolve-problems>

NEW QUESTION 69

- (Exam Topic 1)

You need to the appropriate sizes for the Azure virtual for Server2.

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

From the Azure portal:

Create an Azure Migrate project.

Create a Recovery Services vault.

Upload a management certificate.

Create an Azure Import/Export job.

On Server2:

Enable Hyper-V Replica.

Install the Azure File Sync agent.

Create a collector virtual machine.

Configure Hyper-V storage migration.

Install the Azure Site Recovery Provider.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Create a Recovery Services vault

Create a Recovery Services vault on the Azure Portal. Box 2: Install the Azure Site Recovery Provider

Azure Site Recovery can be used to manage migration of on-premises machines to Azure. Scenario: Migrate the virtual machines hosted on Server1 and Server2 to Azure.

Server2 has the Hyper-V host role. References:

<https://docs.microsoft.com/en-us/azure/site-recovery/migrate-tutorial-on-premises-azure>

NEW QUESTION 71

- (Exam Topic 5)

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. Subscription1 contains a resource group named RG1. RG1 contains resources that were deployed by using templates.

You need to view the date and time when the resources were created in RG1.

Solution: From the Subscriptions blade, you select the subscription, and then click Programmatic deployment. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

From the RG1 blade, click Deployments. You see a history of deployment for the resource group. Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/template-tutorial-create-first-template> Through activity logs, you can determine:

§ what operations were taken on the resources in your subscription

§ who started the operation

§ when the operation occurred

§ the status of the operation

§ the values of other properties that might help you research the operation

On the Azure portal menu, select Monitor, or search for and select Monitor from any page

* 2. Select Activity Log.

* 3. You see a summary of recent operations. A default set of filters is applied to the operations. Notice the information on the summary includes who started the action and when it happened.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/view-activity-logs>

NEW QUESTION 72

- (Exam Topic 5)

You have an Azure subscription named AZPT1 that contains the resources shown in the following table:

Name	Type
storage1	Azure Storage account
VNET1	Virtual network
VM1	Azure virtual machine
VM1Managed	Managed disk for VM1
RVAULT1	Recovery Services vault for the site recovery of VM1

You create a new Azure subscription named AZPT2.

You need to identify which resources can be moved to AZPT2. Which resources should you identify?

- A. VM1, storage1, VNET1, and VM1Managed only
- B. VM1 and VM1Managed only
- C. VM1, storage1, VNET1, VM1Managed, and RVAULT1
- D. RVAULT1 only

Answer: C

Explanation:

You can move a VM and its associated resources to a different subscription by using the Azure portal.

You can now move an Azure Recovery Service (ASR) Vault to either a new resource group within the current subscription or to a new subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/move-resource-group-and-subscrip> <https://docs.microsoft.com/en-us/azure/key-vault/general/keyvault-move-subscription>

NEW QUESTION 75

- (Exam Topic 5)

You have an Azure Storage account named storage1. You plan to use AzCopy to copy data to storage1.

You need to identify the storage services in storage1 to which you can copy the data. What should you identify?

- A. blob, file, table, and queue
- B. blob and file only
- C. file and table only
- D. file only
- E. blob, table, and queue only

Answer: B

Explanation:

AzCopy is a command-line utility that you can use to copy blobs or files to or from a storage account. Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-v10>

NEW QUESTION 80

- (Exam Topic 5)

You have a public load balancer that balances ports 80 and 443 across three virtual machines. You need to direct all the Remote Desktop Protocol (RDP) connections to VM3 only. What should you configure?

- A. a load balancing rule
- B. a new public load balancer for VM3
- C. an inbound NAT rule
- D. a frontend IP configuration

Answer: C

Explanation:

To port forward traffic to a specific port on specific VMs use an inbound network address translation (NAT) rule.

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

Create a load balancer inbound network address translation (NAT) rule to forward traffic from a specific port of the front-end IP address to a specific port of a back-end VM.

Hence this option is Correct

a load balancing rule : Incorrect Choice

A load balancer rule defines how traffic is distributed to the VMs. The rule defines the front-end IP configuration for incoming traffic, the back-end IP pool to receive the traffic, and the required source and destination ports.

a new public load balancer for VM3 : Incorrect Choice

This option will not help you since this will route all traffic to VM3 only.

a frontend IP configuration : Incorrect Choice

When you define an Azure Load Balancer, a frontend and a backend pool configuration are connected with rules. The health probe referenced by the rule is used to determine how new flows are sent to a node in the backend pool. The frontend (aka VIP) is defined by a 3-tuple comprised of an IP address (public or internal), a transport protocol (UDP or TCP), and a port number from the load balancing rule. The backend pool is a collection of Virtual Machine IP configurations (part of the NIC resource) which reference the Load Balancer backend pool.

References:

<https://docs.microsoft.com/en-us/azure/load-balancer/tutorial-load-balancer-port-forwarding-portal> <https://pixelrobots.co.uk/2017/08/azure-load-balancer-for-rds/>

NEW QUESTION 82

- (Exam Topic 5)

You have an Azure subscription named Subscription1 that has the following providers registered:

- > Authorization
- > Automation
- > Resources

- > Compute
- > KeyVault
- > Network
- > Storage
- > Billing
- > Web

Subscription1 contains an Azure virtual machine named VM1 that has the following configurations:

- * Private IP address: 10.0.0.4 (dynamic)
- * Network security group (NSG): NSG1
- * Public IP address: None
- * Availability set: AVSet
- * Subnet: 10.0.0.0/24
- * Managed disks: No
- * Location: East US

You need to record all the successful and failed connection attempts to VM1.

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

NOTE: Each correct selection is worth one point.

- A. Register the Microsoft.Insights resource provider
- B. Add an Azure Network Watcher connection monitor
- C. Register the Microsoft.LogAnalytics provider
- D. Enable Azure Network Watcher in the East US Azure region
- E. Create an Azure Storage account
- F. Enable Azure Network Watcher flow logs

Answer: CDE

Explanation:

NSG flow log data is written to an Azure Storage account. You need to create an Azure Storage account, With an Azure Storage account NSG flow logs can be enabled.

Enable network watcher in the East US region.

NSG flow logging requires the Microsoft.Insights provider. References:

<https://docs.microsoft.com/en-us/azure/network-watcher/network-watcher-nsg-flow-logging-portal>

NEW QUESTION 85

- (Exam Topic 5)

You have an Azure Active Directory (Azure AD) domain that contains 5,000 user accounts. You create a new user account named AdminUser1.

You need to assign the User administrator administrative role to AdminUser1. What should you do from the user account properties?

- A. From the Directory role blade, modify the directory role.
- B. From the Groups blade, invite the user account to a new group.
- C. From the Licenses blade, assign a new license.

Answer: A

Explanation:

Assign a role to a user

- > Sign in to the Azure portal with an account that's a global admin or privileged role admin for the directory.
- > Select Azure Active Directory, select Users, and then select a specific user from the list.
- > For the selected user, select Directory role, select Add role, and then pick the appropriate admin roles from the Directory roles list, such as Conditional access administrator.
- > Press Select to save. References:

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-users-assign-role-azure-p>

NEW QUESTION 86

- (Exam Topic 5)

You have an Azure subscription named Subscription1. Subscription1 contains the resources in the following table.

Name	Type
RG2	Resource group
VNet1	Virtual network
VNet2	Virtual network
VM5	Virtual machine connected to VNet1
VM6	Virtual machine connected to VNet2

In Azure, you create a private DNS zone named adatum.com. You set the registration virtual network to VNet2. The adatum.com zone is configured as shown in the following exhibit.

Resource group (change) vmrg	Name server 1 -
Subscription (change) Azure Pass	Name server 2 -
Subscription ID a4fde29b-d56a-4f6c-8298-6c53cd0b720c	Name server 3 -
	Name server 4 -
Tags (change) Click here to add tags	

Search record sets

NAME	TYPE	TTL	VALUE
@	SOA	3600	Email: azuredns-hostmaster.microsoft.com Host: internal.cloudapp.net Refresh: 3600 Retry: 300 Expire:2419200 Minimum TTL: 300 Serial number: 1
vm1	A	3600	10.1.0.4
vm9	A	3600	10.1.0.12

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 A record for VM5 will be registered automatically in the adatum.com.zone.	<input type="radio"/>	<input type="radio"/>
VM5 can resolve VM9.adatum.com.	<input type="radio"/>	<input type="radio"/>
VM6 can resolve VM9.adatum.com.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No
Azure DNS provides automatic registration of virtual machines from a single virtual network that's linked to a private zone as a registration virtual network. VM5 does not belong to the registration virtual network though.

Box 2: No
Forward DNS resolution is supported across virtual networks that are linked to the private zone as resolution virtual networks. VM5 does belong to a resolution virtual network.

Box 3: Yes
VM6 belongs to registration virtual network, and an A (Host) record exists for VM9 in the DNS zone.
By default, registration virtual networks also act as resolution virtual networks, in the sense that DNS resolution against the zone works from any of the virtual machines within the registration virtual network.

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

NEW QUESTION 91

- (Exam Topic 5)
You have an Azure virtual machine named VM1 that runs Windows Server 2019. You sign in to VM1 as a user named User 1 and perform the following actions:

- * Create files on drive C.
- * Create files on drive D.
- * Modify the screen saver timeout.
- * Change the desktop background. You plan to redeploy VM1.

Which changes will be lost after you redeploy VM1?

- A. the modified screen saver timeout
- B. the new desktop background
- C. the new files on drive D
- D. The new files on drive C

Answer: C

Explanation:

As D drive is temporary storage so new files on D drive will be lost. The screensaver, wall paper, new files on C drive are available after Redeploy.
Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/troubleshooting/redeploy-to-new-node-windows>

NEW QUESTION 95

- (Exam Topic 5)

You have an Azure subscription that has a Recovery Services vault named Vault1. The subscription contains the virtual machines shown in the following table.

Name	Operating system	Auto-shutdown
VM1	Windows Server 2012 R2	Off
VM2	Windows Server 2016	19:00
VM3	Ubuntu Server 18.04 LTS	Off
VM4	Windows 10	19:00

You plan to schedule backups to occur every night at 23:00. Which virtual machines can you back up by using Azure Backup?

- A. VM1 only
- B. VM1 and VM3 only
- C. VM1, VM2, VM3 and VM4
- D. VM1 and VM2 only

Answer: C

Explanation:

Azure Backup supports backup of 64-bit Windows server operating system from Windows Server 2008. Azure Backup supports backup of 64-bit Windows 10 operating system.

Azure Backup supports backup of 64-bit Ubuntu Server operating system from Ubuntu 12.04. Azure Backup supports backup of VM that are shutdown or offline.

Reference:

<https://docs.microsoft.com/en-us/azure/backup/backup-support-matrix-iaas> <https://docs.microsoft.com/en-us/azure/virtual-machines/linux/endorsed-distros>

NEW QUESTION 98

- (Exam Topic 5)

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

Name	Type	Resource group
VNET1	Virtual network	RG1
VM1	Virtual machine	RG1

The Not allowed resources types Azure policy is assigned to RG1 and uses the following parameters:

```
Microsoft.Network/virtualNetworks
Microsoft.Compute/virtualMachines
```

In RG1, you need to create a new virtual named VM2, and then connected VM2 to VNET1. What should you do first?

- A. Remove Microsoft.Network/virtualNetworks from the policy.
- B. Create an Azure Resource Manager template.
- C. Remove Microsoft.Compute/virtualMachines from the policy.
- D. Add a subnet to VNET1.

Answer: C

Explanation:

The Not allowed resource types Azure policy prohibits the deployment of specified resource types. You specify an array of the resource types to block.

Virtual Networks and Virtual Machines are prohibited. Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/samples/not-allowed-resource-types>

NEW QUESTION 102

- (Exam Topic 5)

You plan to create an Azure Storage account in the Azure region of East US 2. You need to create a storage account that meets the following requirements:

- > Replicates synchronously
- > Remains available if a single data center in the region fails

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

Answer Area

Replication:

Geo-redundant storage (GRS)
Locally-redundant storage (LRS)
Read-access geo-redundant storage (RA GRS)
Zone-redundant storage (ZRS)

Account kind:

Blob storage
Storage (general purpose v1)
StorageV2 (general purpose v2)

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Zone-redundant storage (ZRS)

Zone-redundant storage (ZRS) replicates your data synchronously across three storage clusters in a single region.

LRS would not remain available if a data center in the region fails GRS and RA GRS use asynchronous replication.

Box 2: StorageV2 (general purpose V2) ZRS only support GPv2.

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy> <https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy-zrs>

NEW QUESTION 103

- (Exam Topic 5)

You have two Azure virtual networks named VNet1 and VNet2. VNet1 contains an Azure virtual machine named VM1. VNet2 contains an Azure virtual machine named VM2.

VM1 hosts a frontend application that connects to VM2 to retrieve data. Users report that the frontend application is slower than usual.

You need to view the average round-trip time (RTT) of the packets from VM1 to VM2. Which Azure Network Watcher feature should you use?

- A. NSG flow logs
B. Connection troubleshoot
C. IP flow verify
D. Connection monitor

Answer: D

Explanation:

The Connection Monitor feature in Azure Network Watcher is now generally available in all public regions. Connection Monitor provides you RTT values on a per-minute granularity. You can monitor a direct TCP connection from a virtual machine to a virtual machine, FQDN, URI, or IPv4 address.

References:

<https://azure.microsoft.com/en-us/updates/general-availability-azure-network-watcher-connection-monitor-in-all>

NEW QUESTION 105

- (Exam Topic 5)

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 deploy an Azure Kubernetes Service (AKS) cluster named AKS1. You need to deploy a YAML file to AKS1.

Solution: From Azure Cloud Shell, you run az aks. Does this meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

Installing Azure CLI doesn't mean that Azure Kubernetes client is installed. So before running kubectl client command, you have install kubectl, the Kubernetes command-line client.

First need to run az aks install-cli to install Kubernetes CLI, which is kubectl Reference:

<https://docs.microsoft.com/en-us/cli/azure/aks?view=azure-cli-latest>

NEW QUESTION 106

- (Exam Topic 5)

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

Name	Type	Resource group	Tag
RG6	Resource group	<i>Not applicable</i>	<i>None</i>
VNET1	Virtual network	RG6	Department: D1

You assign a policy to RG6 as shown in the following table:

Section	Setting	Value
Scope	Scope	Subscription1/RG6
	Exclusions	<i>None</i>
Basics	Policy definition	Apply tag and its default value
	Assignment name	Apply tag and its default value
Parameters	Tag name	Label
	Tag value	Value1

To RG6, you apply the tag: RGroup: RG6.

You deploy a virtual network named VNET2 to RG6.

Which tags apply to VNET1 and VNET2? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

VNET1:

None
Department: D1 only
Department: D1, and RGroup: RG6 only
Department: D1, and Label: Value1 only
Department: D1, RGroup: RG6, and Label: Value1

VNET2:

None
RGroup: RG6 only
Label: Value1 only
RGroup: RG6, and Label: Value1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

VNET1: Department: D1, and Label:Value1 only.

Tags applied to the resource group or subscription are not inherited by the resources.

Note: Azure Policy allows you to use either built-in or custom-defined policy definitions and assign them to either a specific resource group or across a whole Azure subscription.

VNET2: Label:Value1 only. Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-policies>

NEW QUESTION 107

- (Exam Topic 5)

You plan to deploy three Azure virtual machines named VM1, VM2, and VM3. The virtual machines will host a web app named App1.

You need to ensure that at least two virtual machines are available if a single Azure datacenter becomes unavailable.

What should you deploy?

- A. all three virtual machines in a single Availability Zone
- B. all virtual machines in a single Availability Set
- C. each virtual machine in a separate Availability Zone
- D. each virtual machine in a separate Availability Set

Answer: B

Explanation:

Availability sets are a datacenter configuration to provide VM redundancy and availability. This configuration within a datacenter ensures that during either a planned or unplanned maintenance event, at least one virtual machine is available.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability> <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-availability-sets>

NEW QUESTION 108

- (Exam Topic 5)

You have an Azure subscription that contains an Azure virtual machine named VM1. VM1 runs a financial reporting app named App1 that does not support multiple active instances.

At the end of each month, CPU usage for VM1 peaks when App1 runs.

You need to create a scheduled runbook to increase the processor performance of VM1 at the end of each month.

What task should you include in the runbook?

- A. Add the Azure Performance Diagnostics agent to VM1.
- B. Modify the VM size property of VM1.
- C. Add VM1 to a scale set.
- D. Increase the vCPU quota for the subscription.
- E. Add a Desired State Configuration (DSC) extension to VM1.

Answer: B

Explanation:

If you have a CPU/performance issue then the solution is to scale up (increase VM size) or to scale out (scale set) given that the App does not support multiple instances then scale up is the obvious choice.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/resize-vm>

NEW QUESTION 109

- (Exam Topic 5)

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

Name	Azure region
VM1	West Europe
VM2	West Europe
VM3	North Europe
VM4	North Europe

You have a Recovery Services vault that protects VM1 and VM2. You need to protect VM3 and VM4 by using Recovery Services. What should you do first?

- A. Configure the extensions for VM3 and VM4.
- B. Create a new Recovery Services vault.
- C. Create a storage account.
- D. Create a new backup policy.

Answer: B

Explanation:

A Recovery Services vault is a storage entity in Azure that houses data. The data is typically copies of data, or configuration information for virtual machines (VMs), workloads, servers, or workstations. You can use Recovery Services vaults to hold backup data for various Azure services
References: <https://docs.microsoft.com/en-us/azure/site-recovery/azure-to-azure-tutorial-enable-replication>

NEW QUESTION 114

- (Exam Topic 5)

You have an Azure subscription named Subscription1 that contains the virtual networks in the following table.

Name	Subnet
VNet1	Sybnnet11
VNet2	Subnet12
VNet3	Subnet13

Subscripton1 contains the virtual machines in the following table.

Name	IP address	Availability set
VM1	Subnet11	AS1
VM2	Subnet11	AS1
VM3	Subnet11	Not applicable
VM4	Subnet11	Not applicable
VM5	Subnet12	Not applicable
VM6	Subnet12	Not applicable

In Subscription1, you create a load balancer that has the following configurations:

- > Name: LB1
- > SKU: Basic
- > Type: Internal
- > Subnet: Subnet12
- > Virtual network: VNET1

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

Statements	Yes	No
LB1 can balance the traffic between VM1 and VM2.	<input type="radio"/>	<input type="radio"/>
LB1 can balance the traffic between VM3 and VM4.	<input type="radio"/>	<input type="radio"/>
LB1 can balance the traffic between VM5 and VM6.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statement 1 : Basic load balancer supports Virtual machine in a single Availability set or virtual machine scale set (VMSS) only . Hence this statement is correct.
Statement 2 : Basic load balancer supports Virtual machine in a single Availability set or virtual scale set only or one standalone VM. VM3 and VM4 are not part of any availability set or VMSS .Hence this statement is incorrect.
Statement 3 : Basic load balancer supports Virtual machine in a single Availability set or virtual scale set on or one standalone VM. VM5 and VM6 are not part of any availability set or VMSS .Hence this statement is incorrect.

	Standard Load Balancer	Basic Load Balancer
Backend pool size	Supports up to 1000 instances.	Supports up to 300 instances.
Backend pool endpoints	Any virtual machines or virtual machine scale sets in a single virtual network.	Virtual machines in a single availability set or virtual machine scale set.
Health probes	TCP, HTTP, HTTPS	TCP, HTTP

References:

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

NEW QUESTION 118

- (Exam Topic 5)

You plan to deploy several Azure virtual machines that will run Windows Server 2019 in a virtual machine scale set by using an Azure Resource Manager template. You need to ensure that NGINX is available on all the virtual machines after they are deployed. What should you use?

- A. a Desired State Configuration (DSC) extension
- B. the Publish-AzVMDscConfigurationCmdlet
- C. a Microsoft Intune device configuration profile
- D. Deployment Center in Azure App Service

Answer: A

Explanation:

The primary use case for the Azure Desired State Configuration (DSC) extension is to bootstrap a VM to the Azure Automation State Configuration (DSC) service. The service provides benefits that include ongoing management of the VM configuration and integration with other operational tools, such as Azure Monitoring. Using the extension to register VM's to the service provides a flexible solution that even works across Azure subscriptions.

You can use the DSC extension independently of the Automation DSC service. Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/extensions/dsc-overview>

NEW QUESTION 119

- (Exam Topic 5)

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 10 virtual networks. The virtual networks are hosted in separate resource groups.

Another administrator plans to create several network security groups (NSGs) in the subscription.

You need to ensure that when an NSG is created, it automatically blocks TCP port 8080 between the virtual networks.

Solution: You create a resource lock, and then you assign the lock to the subscription. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

How can I freeze or lock my production/critical Azure resources from accidental deletion? There is way to do this with both ASM and ARM resources using Azure resource lock.

References:

<https://blogs.msdn.microsoft.com/azureedu/2016/04/27/using-azure-resource-manager-policy-and-azure-lock-to>

NEW QUESTION 121

- (Exam Topic 5)

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

Name	Type	Resource group	Location
RG1	Resource group	Not applicable	Central US
RG2	Resource group	Not applicable	West US
RG3	Resource group	Not applicable	East US
VMSS1	Virtual machine scale set	RG1	West US

VMSS1 is set to VM (virtual machines) orchestration mode.

You need to deploy a new Azure virtual machine named VM1, and then add VM1 to VMSS1.

Which resource group and location should you use to deploy VM1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Resource group:
RG1 only
RG2 only
RG1 or RG2 only
RG1, RG2, or RG3

Location:
West US only
Central US only
Central US or West US only
East US, Central US, or West US

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: RG1, RG2, or RG3

The resource group stores metadata about the resources. When you specify a location for the resource group, you're specifying where that metadata is stored.

Box 2: West US only

Note: Virtual machine scale sets will support 2 distinct orchestration modes:

ScaleSetVM – Virtual machine instances added to the scale set are based on the scale set configuration model. The virtual machine instance lifecycle - creation, update, deletion - is managed by the scale set.

VM (virtual machines) – Virtual machines created outside of the scale set can be explicitly added to the scaleset.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview>

NEW QUESTION 122

- (Exam Topic 5)

You have an on-premises file server named Server1 that runs Windows Server 2016. You have an Azure subscription that contains an Azure file share.

You deploy an Azure File Sync Storage Sync Service, and you create a sync group. You need to synchronize files from Server1 to Azure.

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

Actions	Answer Area
Create an Azure on-premises data gateway.	
Install the Azure File Sync agent on Server1.	
Create a Recovery Services vault.	
Register Server1.	
Install the DFS Replication server role on Server1.	
Add a server endpoint.	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Step 1: Install the Azure File Sync agent on Server1

The Azure File Sync agent is a downloadable package that enables Windows Server to be synced with an Azure file share

Step 2: Register Server1.

Register Windows Server with Storage Sync Service

Registering your Windows Server with a Storage Sync Service establishes a trust relationship between your server (or cluster) and the Storage Sync Service.

Step 3: Add a server endpoint

Create a sync group and a cloud endpoint.

A sync group defines the sync topology for a set of files. Endpoints within a sync group are kept in sync with each other. A sync group must contain one cloud endpoint, which represents an Azure file share and one or more server endpoints. A server endpoint represents a path on registered server.

References: <https://docs.microsoft.com/en-us/azure/storage/files/storage-sync-files-deployment-guide>

NEW QUESTION 126

- (Exam Topic 5)

You plan to deploy several Azure virtual machines that will run Windows Server 2019 in a virtual machine scale set by using an Azure Resource Manager template.

You need to ensure that NGINX is available on all the virtual machines after they are deployed. What should you use?

- A. Azure Active Directory (Azure AD) Application Proxy

- B. Azure Application Insights
- C. Azure Custom Script Extension
- D. the New-AzConfigurationAssignment cmdlet

Answer: C

Explanation:

The Custom Script Extension downloads and executes scripts on Azure VMs. This extension is useful for post deployment configuration, software installation, or any other configuration / management task. Scripts can be downloaded from Azure storage or GitHub, or provided to the Azure portal at extension run time. The Custom Script extension integrates with Azure Resource Manager templates, and can also be run using the Azure CLI, PowerShell, Azure portal, or the Azure Virtual Machine REST API. You can use the Custom Script Extension with both Windows and Linux VMs.

Reference:

[https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-automate-vm-deployment?toc=https%](https://docs.microsoft.com/en-us/azure/virtual-machines/windows/tutorial-automate-vm-deployment?toc=https%3A%2F%2Fdocs.microsoft.com%2Fen-us%2Fazure%2Fvirtual-machines%2Fwindows%2Ftutorial-automate-vm-deployment)

NEW QUESTION 130

- (Exam Topic 6)

You deploy an Azure Kubernetes Service (AKS) cluster named Cluster1 that uses the IP addresses shown in the following table.

IP address	Assigned to
131.107.2.1	Load balancer front end
192.168.10.2	Kubernetes DNS service
172.17.7.1	Docker bridge address
10.0.10.11	Kubernetes cluster node

You need to provide internet users with access to the applications that run in Cluster1. Which IP address should you include in the DNS record for Ousted?

- A. 172.17.7.1
- B. 131.107.2.1
- C. 192.168.10.2
- D. 10.0.10.11

Answer: B

Explanation:

When any internet user will try to access the cluster which is behind a load balancer, traffic will first hit to load balancer front end IP. So in the DNS configuration you have to provide the IP address of the load balancer.

Reference:

<https://stackoverflow.com/questions/43660490/giving-a-dns-name-to-azure-load-balancer>

NEW QUESTION 131

- (Exam Topic 6)

You have an Azure subscription named Subscription1 that has a subscription ID of c276fc76-9cd4-44c9-99a7-4fd71546436e.

You need to create a custom RBAC role named CR1 that meets the following requirements:

- Can be assigned only to the resource groups in Subscription1
- Prevents the management of the access permissions for the resource groups
- Allows the viewing, creating, modifying, and deleting of resource within the resource groups

What should you specify in the assignable scopes and the permission elements of the definition of CR1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
"assignableScopes": [
  [
    "/subscriptions/c276fc76-9cd4-44c9-99a7-4fd71546436e"
    "/subscriptions/c276fc76-9cd4-44c9-99a7-4fd71546436e/resourceGroups"
  ],
  "permissions": [
    {
      "actions": [
        "*"
      ],
      "additionalProperties" : {},
      "dataActions": [],
      "notActions" : [
        "Microsoft.Authorization/*"
        "Microsoft.Resources/*"
        "Microsoft.Security/*"
      ],
      "notDataActions": []
    }
  ],
  "notDataActions": []
],
}
```

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: "/subscription/c276fc76-9cd4-44c9-99a7-4fd71546436e"

In the assignableScopes you need to mention the subscription ID where you want to implement the RBAC Box 2: "Microsoft.Authorization/*"

Microsoft.Authorization/* is used to Manage authorization

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider-operations#microsoftauthori> <https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles>

<https://docs.microsoft.com/en-us/azure/role-based-access-control/resource-provider-operations#microsoftresourc>

NEW QUESTION 134

- (Exam Topic 6)

You are creating an Azure load balancer.

You need to add an IPv6 load balancing rule to the load balancer.

How should you complete the Azure PowerShell script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

\$rule1 =

Add-AzureRmLoadBalancerRuleConfig

New-AzureRmLoadBalancerInboundNatRuleConfig

New-AzureRmLoadBalancerRuleConfig

Set-AzureRmLoadBalancerRuleConfig

-BackendAddressPool \$backpoolipv6 -Probe \$Probe -Protocol Tcp -FrontendPort 80 -Backendport 8080

New-AzureRmLoadBalancer -ResourceGroupName AdatumR0 -Name 'AdatumIPv6LB' -Location 'East US' -

FrontendIpConfiguration \$FEConfigv6

-BackendAddressPool \$backpoolipv6 -Probe \$Probe

-InboundNatPool

-InboundNatRule

-LoadBalancingRule

\$rule1

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Powershell command to create a load balancer rule (AzureRm module new version is AZ as given in below command):

```
$lbrule1v6 = New-AzLoadBalancerRuleConfig
-Name "HTTPv6"
-FrontendIpConfiguration $FEIPConfigv6
-BackendAddressPool $backendpoolipv6
-Probe $healthProbe
-Protocol Tcp
-FrontendPort 80
-BackendPort 8080
```

Powershell command to create the load balancer using the previously created objects : New-AzLoadBalancer

```
-ResourceGroupName NRP-RG
-Name 'myNrpIPv6LB'
-Location 'West US'
-FrontendIpConfiguration $FEIPConfigv6
-InboundNatRule $inboundNATRule1v6
-BackendAddressPool $backendpoolipv6
-Probe $healthProbe
-LoadBalancingRule References:
$lbrule1v6
```

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-ipv6-internet-ps>

NEW QUESTION 137

- (Exam Topic 6)

You have an Azure subscription named Subscription1.

You plan to deploy an Ubuntu Server virtual machine named VM1 to Subscription1.

You need to perform a custom deployment of the virtual machine. A specific trusted root certification authority (CA) must be added during the deployment.

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

Answer Area

File to create:

	▼
Answer.ini	
Autounattend.conf	
Cloud-init.txt	
Unattend.xml	

Tool to use to deploy the virtual machine:

	▼
The az vm create command	
The Azure portal	
The New-AzureRmVM cmdlet	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: Cloud-init.txt

Cloud-init.txt is used to customize a Linux VM on first boot up. It can be used to install packages and write files, or to configure users and security. No additional steps or agents are required to apply your configuration.

Box 2: The az vm create command

Once Cloud-init.txt has been created, you can deploy the VM with az vm create cmdlet, sing the --customdata parameter to provide the full path to the cloud-init.txt file.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/tutorial-automate-vm-deployment>

NEW QUESTION 140

- (Exam Topic 6)

You configure Azure AD Connect for Azure Active Directory Seamless Single Sign-On (Azure AD Seamless SSO) for an on-premises network. Users report that when they attempt to access myapps.microsoft.com, they are prompted multiple times to sign in and are forced to use an account name that ends with onmicrosoft.com.

You discover that there is a UPN mismatch between Azure AD and the on-premises Active Directory. You need to ensure that the users can use single-sign on (SSO) to access Azure resources.

What should you do first?

- A. From the on-premises network, deploy Active Directory Federation Services (AD FS).
- B. From Azure AD, add and verify a custom domain name.
- C. From the on-premises network, request a new certificate that contains the Active Directory domain name.
- D. From the server that runs Azure AD Connect, modify the filtering options.

Answer: B

Explanation:

Azure AD Connect lists the UPN suffixes that are defined for the domains and tries to match them with a custom domain in Azure AD. Then it helps you with the appropriate action that needs to be taken. The Azure AD sign-in page lists the UPN suffixes that are defined for on-premises Active Directory and displays the corresponding status against each suffix. The status values can be one of the following:

State: Verified

Azure AD Connect found a matching verified domain in Azure AD. All users for this domain can sign in by using their on-premises credentials.

State: Not verified

Azure AD Connect found a matching custom domain in Azure AD, but it isn't verified. The UPN suffix of the users of this domain will be changed to the default .onmicrosoft.com suffix after synchronization if the domain isn't verified.

Action Required: Verify the custom domain in Azure AD.

References: <https://docs.microsoft.com/en-us/azure/active-directory/hybrid/plan-connect-user-signin>

NEW QUESTION 145

- (Exam Topic 6)

You have an Azure Storage account named storage1.

You have an Azure App Service app named app1 and an app named App2 that runs in an Azure container instance. Each app uses a managed identity.

You need to ensure that App1 and App2 can read blobs from storage1 for the next 30 days. What should you configure in storage1 for each app?

App1:

Access keys
Advanced security
Access control (IAM)
Shared access signatures (SAS)

App2:

Access keys
Advanced security
Access control (IAM)
Shared access signatures (SAS)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

With Shared access signature you can limit the resources for access and at the same time can control the duration of the access.

A shared access signature (SAS) provides secure delegated access to resources in your storage account without compromising the security of your data. With a SAS, you have granular control over how a client can access your data. You can control what resources the client may access, what permissions they have on those resources, and how long the SAS is valid, among other parameters.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-sas-overview>

NEW QUESTION 149

- (Exam Topic 6)

You have an Azure App Service plan named AdatumASP1 that uses the P2v2 pricing tier. AdatumASP1 hosts MI Azure web app named adatumwebapp1. You need to delegate the management of adatumwebapp1 to a group named Devs. Devs must be able to perform the following tasks:

- Add deployment slots.
- View the configuration of AdatumASP1.
- Modify the role assignment for adatumwebapp1. Which role should you assign to the Devs group?

- A. Owner
- B. Contributor
- C. Web Plan Contributor
- D. Website Contributor

Answer: A

Explanation:

Owner : Correct Choice

The Owner role lets you manage everything, including access to resources. Contributor : Incorrect Choice

With contributor role you can Add deployment slots and View the configuration of App service plan but you can't Modify the role assignment. For this you need User Access Administrator or Owner role. So this is incorrect.

Web Plan Contributor : Incorrect Choice

The Web Plan Contributor role lets you manage the web plans for websites, but not access to them. So this option is incorrect.

Website Contributor : Incorrect Choice

The Website Contributor role lets you manage websites (not web plans), but not access to them. So this is incorrect option.

Note:

As per least privilege principle it is not advisable to provide owner role to any group, rather you should create custom RBAC role with custom policy and use that role for this operation. However as this option is not available here so only option to go with owner role.

References:

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal> <https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

NEW QUESTION 151

- (Exam Topic 6)

You have an Azure subscription that contains three virtual networks named VNet1, VNet2, VNet3. VNet2 contains a virtual appliance named VM2 that operates as a router.

You are configuring the virtual networks in a hub and spoke topology that uses VNet2 as the hub network.

You plan to configure peering between VNet1 and VNet2 and between VNet2 and VNet3. You need to provide connectivity between VNet1 and VNet3 through VNet2.

Which two configurations should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. On the peering connections, allow forwarded traffic.
- B. On the peering connections, allow gateway transit.
- C. Create route tables and assign the table to subnets.
- D. Create a route filter.
- E. On the peering connections, use remote gateways.

Answer: AC

Explanation:

Allow gateway transit: Check this box if you have a virtual network gateway attached to this virtual network and want to allow traffic from the peered virtual network to flow through the gateway.

The peered virtual network must have the Use remote gateways checkbox checked when setting up the peering from the other virtual network to this virtual network.

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-manage-peering#requirements-andconst>

NEW QUESTION 154

- (Exam Topic 6)

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 manage a virtual network named VNet1 that is hosted in the West US Azure region. VNet1 hosts two virtual machines named VM1 and VM2 that run Windows Server.

You need to inspect all the network traffic from VM1 to VM2 for a period of three hours. Solution: From Azure Monitor, you create a metric on Network in and Network Out. Does this meet the goal?

- A. Yes

B. No

Answer: B

Explanation:

You should use Azure Network Watcher. References:

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

NEW QUESTION 157

- (Exam Topic 6)

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 virtual machine named VM1. VM1 was deployed by using a custom Azure Resource Manager template named ARM1.json.

You receive a notification that VM1 will be affected by maintenance. You need to move VM1 to a different host immediately.

Solution: From the Redeploy blade, you click Redeploy. Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

When you redeploy a VM, it moves the VM to a new node within the Azure infrastructure and then powers it back on, retaining all your configuration options and associated resources.

References: <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/redeploy-to-new-node>

NEW QUESTION 162

- (Exam Topic 6)

You have an Azure subscription that contains the following storage account:

Name	Kind	Replication	Access tier	Advanced threat protection	Lock
storage1	StorageV2	Read access geo-redundant storage (RA-GRS)	Cool	On	Delete

You need to create a request to Microsoft Support to perform a live migration of storage1 to Zone Redundant Storage (ZRS) replication. How should you modify storage1 before the Live migration?

A. Set the replication to Locally-redundant storage (LRS)

B. Disable Advanced threat protection

C. Remove the lock

D. Set the access tier to Hot

Answer: A

Explanation:

If you want to live migration from RA-GRS to ZRS, at first you have to Switch the storage tier to LRS and then only you can request a live migration.

Switching	...to LRS	...to GRS/RA-GRS	...to ZRS	...to GZRS/RA-GZRS
...from LRS	N/A	Use Azure portal, PowerShell, or CLI to change the replication setting ¹	Perform a manual migration Request a live migration	Perform a manual migration OR Switch to GRS/RA-GRS first and then request a live migration ¹
...from GRS/RA-GRS	Use Azure portal, PowerShell, or CLI to change the replication setting	N/A	Perform a manual migration OR Switch to LRS first and then request a live migration	Perform a manual migration Request a live migration

Reference:

<https://docs.microsoft.com/en-us/azure/storage/common/redundancy-migration?toc=%2Fazure%2Fstorage%2Fb>

NEW QUESTION 163

- (Exam Topic 6)

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 need to ensure that an Azure Active Directory (Azure AD) user named Admin1 is assigned the required role to enable Traffic Analytics for an Azure subscription.

Solution: You assign the Traffic Manager Contributor role at the subscription level to Admin1.

- A. Yes
- B. No

Answer: A

Explanation:

With Traffic Manager Contributor role you can manage Traffic Manager profiles, do traffic analysis but does not let you control who has access to them.

Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics> <https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

NEW QUESTION 168

- (Exam Topic 6)

You have a Microsoft SQL Server Always On availability group on Azure virtual machines. You need to configure an Azure internal load balancer as a listener for the availability group. What should you do?

- A. Enable Floating IP.
- B. Set Session persistence to Client IP and protocol.
- C. Set Session persistence to Client IP.
- D. Create an HTTP health probe on port 1433.

Answer: A

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sql/virtual-machines-windows-portal-sql-alwa>

NEW QUESTION 172

- (Exam Topic 6)

You deploy an Azure Application Gateway.

You need to ensure that all the traffic requesting <https://adatum.com/internal> resources is directed to an internal server pool and all the traffic requesting <https://adatum.com/external> resources is directed to an external server pool.

What should you configure on the Application Gateway?

- A. URL path-based routing
- B. multi-site listeners
- C. basic routing
- D. SSL termination

Answer: A

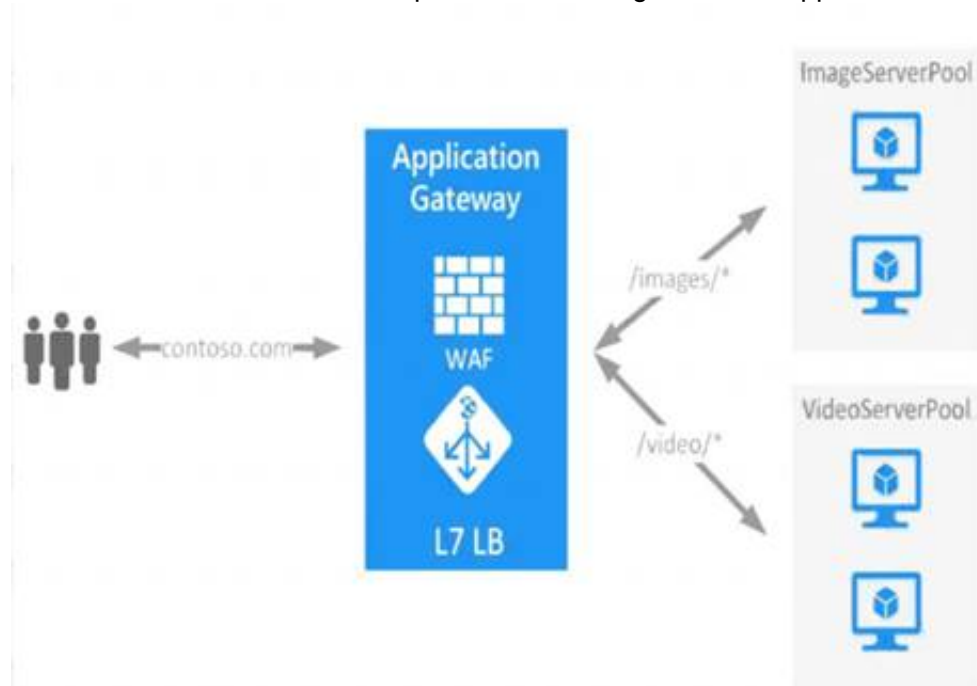
Explanation:

URL Path Based Routing allows you to route traffic to back-end server pools based on URL Paths of the request.

In the question there are two different path from where the traffic is getting generated as below <https://adatum.com/internal>

<https://adatum.com/external>

So in this case we can use URL path-based routing feature of Application Gateway.



Reference:

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

NEW QUESTION 177

- (Exam Topic 6)

You have an Azure subscription that contains 100 virtual machines. You regularly create and delete virtual machines.

You need to identify unused disks that can be deleted. What should you do?

- A. From Azure Advisor, modify the Advisor configuration.
- B. From Azure Cost Management view Cost Analysis.
- C. From Azure Cost Management view Advisor Recommendations.
- D. From Microsoft Azure Storage Explorer, view the Account Management properties.

Answer: D

NEW QUESTION 180

- (Exam Topic 6)

You manage a virtual network named VNet1 that is hosted in the West US region. Two virtual machines named VM1 and VM2, both running Windows Server, are on VNet1. You need to monitor traffic between VM1 and VM2 for a period of five hours.

As a solution, you propose to create a connection monitor in Azure Network Watcher. Does this solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

The connection monitor capability in Azure Network Watcher monitors communication at a regular interval and informs you of reachability, latency, and network topology changes between the VM and the endpoint.

NEW QUESTION 184

- (Exam Topic 6)

A web developer creates a web application that you plan to deploy as an Azure web app. Users must enter credentials to access the web application. You create a new web app named WebApp1 and deploy the web application to WebApp1. You need to disable anonymous access to WebApp1. What should you configure?

- A. Access control (IAM)
- B. Advanced Tools
- C. Deployment credentials
- D. Authentication/Authorization

Answer: D

Explanation:

Anonymous access is an authentication method. It allows users to establish an anonymous connection. References:
<https://docs.microsoft.com/en-us/biztalk/core/guidelines-for-resolving-iis-permissions-problems>

NEW QUESTION 188

- (Exam Topic 6)

You are deploying a containerized web application in Azure.

When deploying the web app, which of the following are valid container image sources?

- A. Virtual machine
- B. Docker hub
- C. ACR
- D. On-premises

Answer: BC

Explanation:

When you create a web app from a Docker image, you configure the following properties:

The registry

that contains the image. The registry can be Docker Hub, Azure Container Registry (ACR), or some other private registry.

The image : This item is the name of the repository.

The tag : This item indicates which version of the image to use from the repository. By convention, the recent version is given the tag latest when it's built.

Startup File : This item is the name of an executable file or a command to be run when the image is loaded. It's equivalent to the command that you can supply to Docker when running an image from the command line by using docker run. If you're deploying a ready-to-run, containerized app that already has the ENTRYPOINT

and/or COMMAND values configured, you don't need to fill this in. Hence:

<https://docs.microsoft.com/en-us/learn/modules/deploy-run-container-app-service/4-deploy-web-app>

NEW QUESTION 190

- (Exam Topic 6)

You have an Azure subscription that contains an Azure virtual machine named VM1. VM1 runs Windows Server 2016 and is part of an availability set.

VM1 has virtual machine-level backup enabled. VM1 is deleted.

You need to restore VM1 from the backup. VM1 must be part of the availability set.

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

Actions

From the Restore configuration blade, set Restore Type to **Create virtual machine**.

From the VM1 blade, edit the disk settings of the OS disk.

From the Restore configuration blade, set Restore Type to **Restore disks**.

From the Recovery Services vault, deploy a template.

From the VM1 blade, add a disk.

From the Recovery Services vault, select a restore point for VM1.

➔

⬅

Answer Area

⬆

⬇

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

From the Restore configuration blade, set Restore Type to **Create virtual machine**.

From the VM1 blade, edit the disk settings of the OS disk.

From the Restore configuration blade, set Restore Type to **Restore disks**.

From the Recovery Services vault, deploy a template.

From the VM1 blade, add a disk.

From the Recovery Services vault, select a restore point for VM1.

⤴

⤵

Answer Area

From the Recovery Services vault, select a restore point for VM1.

From the Restore configuration blade, set Restore Type to **Restore disks**.

From the Recovery Services vault, deploy a template.

⤴

⤵

NEW QUESTION 194

- (Exam Topic 6)

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.

Your company has 100 users located in an office in Paris.

The on-premises network contains the servers shown in the following table.

Name	Operating system	Configuration
Server1	Windows Server 2012 R2	Microsoft Exchange Server 2016
Server2	Windows Server 2016	Microsoft SQL Server 2016
Server3	Windows Server 2016	Domain controller
Server4	Red Hat Enterprise Linux 7.5	File server

You create a new subscription. You need to move all the servers to Azure. Solution: You use Azure Site Recovery. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

As an organization you need to adopt a business continuity and disaster recovery (BCDR) strategy that keeps your data safe, and your apps and workloads online, when planned and unplanned outages occur.

Azure Recovery Services contributes to your BCDR strategy:

- Site Recovery service: Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery replicates workloads running on physical and virtual machines (VMs) from a primary site to a secondary location. When an outage occurs at your primary site, you fail over to secondary location, and access apps from there. After the primary location is running again, you can fail back to it.
- Backup service: The Azure Backup service keeps your data safe and recoverable. Site Recovery can manage replication for:
- Azure VMs replicating between Azure regions.
- On-premises VMs, Azure Stack VMs, and physical servers. Reference:
<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview>

NEW QUESTION 195

- (Exam Topic 6)

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 virtual machine named VM1. VM1 was deployed by using a custom Azure Resource Manager template named ARM1.json.

You receive a notification that VM1 will be affected by maintenance. You need to move VM1 to a different host immediately.

Solution: From the Overview blade, you move the virtual machine to a different resource group. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

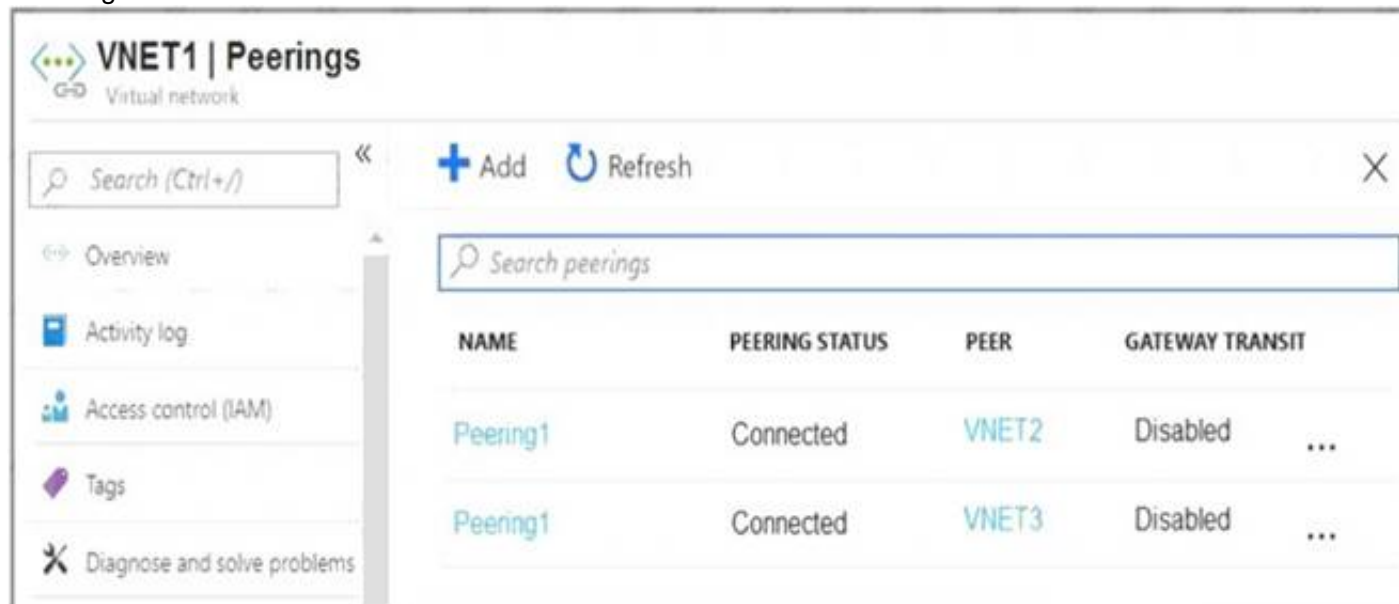
You should redeploy the VM.

References: <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/redeploy-to-new-node>

NEW QUESTION 197

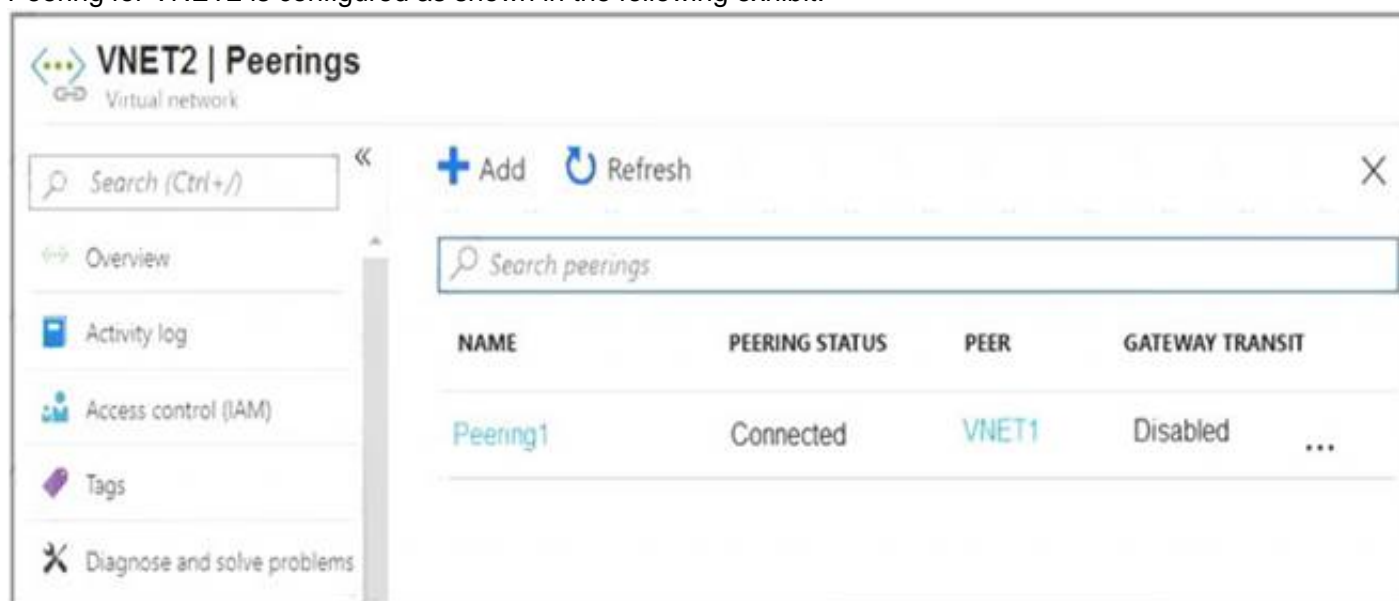
- (Exam Topic 6)

You have an Azure subscription that contains three virtual networks named VNET1, VNET2, and VNET3. Peering for VNET1 is configured as shown in the following exhibit.



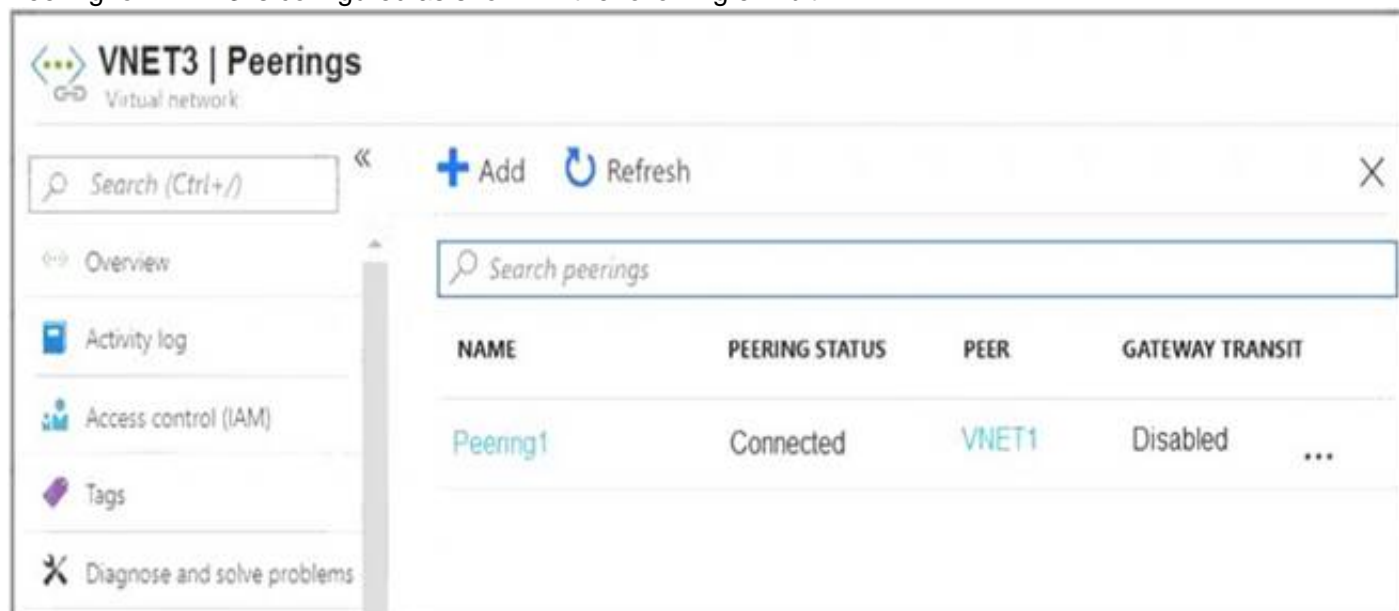
NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
Peering1	Connected	VNET2	Disabled
Peering1	Connected	VNET3	Disabled

Peering for VNET2 is configured as shown in the following exhibit.



NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
Peering1	Connected	VNET1	Disabled

Peering for VNET3 is configured as shown in the following exhibit.



NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
Peering1	Connected	VNET1	Disabled

How can packets be routed between the virtual networks? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Packets from VNET1 can be routed to:

	▼
VNET2 only	
VNET3 only	
VNET2 and VNET3	

Packets from VNET2 can be routed to:

	▼
VNET1 only	
VNET3 only	
VNET1 and VNET3	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: VNET2 and VNET3 Box 2: VNET1

Gateway transit is disabled. Reference:

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

NEW QUESTION 200

- (Exam Topic 6)

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 need to ensure that an Azure Active Directory (Azure AD) user named Admin1 is assigned the required role to enable Traffic Analytics for an Azure subscription.

Solution: You assign the Owner role at the subscription level to Admin1. Does this meet the goal?

- A. Yes
B. No

Answer: A

Explanation:

Your account must meet one of the following to enable traffic analytics:

Your account must have any one of the following Azure roles at the subscription scope: owner, contributor, reader, or network contributor.

Reference:

<https://docs.microsoft.com/en-us/azure/network-watcher/traffic-analytics-faq>

NEW QUESTION 202

- (Exam Topic 6)

You have an Azure virtual machine named VM1 that connects to a virtual network named VNet1. VM1 has the following configurations:

- > Subnet: 10.0.0.0/24
- > Availability set: AVSet
- > Network security group (NSG): None
- > Private IP address: 10.0.0.4 (dynamic)
- > Public IP address: 40.90.219.6 (dynamic)

You deploy a standard, Internet-facing load balancer named slb1. You need to configure slb1 to allow connectivity to VM1.

Which changes should you apply to VM1 as you configure slb1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Before you create a backend pool on slb1, you must:

	▼
Create and assign an NSG to VM1	
Remove the public IP address from VM1	
Change the private IP address of VM1 to static	

Before you can connect to VM1 from slb1, you must:

	▼
Create and configure an NSG	
Remove the public IP address from VM1	
Change the private IP address of VM1 to static	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1: Remove the public IP address from VM1

If the Public IP on VM1 is set to Dynamic, that means it is a Public IP with Basic SKU because Public IPs with Standard SKU have Static assignments by default, that cannot be changed. We cannot associate Basic SKUs IPs with Standard SKUs LBs. One cannot create a backend SLB pool if the VM to be associated has a Public IP. For Private IP it doesn't matter whether it is dynamic or static, still we can add the such VM into the SLB backend pool.

Box 2: Create and configure an NSG

Standard Load Balancer is built on the zero trust network security model at its core. Standard Load Balancer secure by default and is part of your virtual network. The virtual network is a private and isolated network. This means Standard Load Balancers and Standard Public IP addresses are closed to inbound flows unless opened by Network Security Groups. NSGs are used to explicitly permit allowed traffic. If you do not have an NSG on a subnet or NIC of your virtual machine resource, traffic is not allowed to reach this resource. To learn more about NSGs and how to apply them for your scenario, see Network Security Groups. Basic Load Balancer is open to the internet by default.

Reference:

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

NEW QUESTION 203

- (Exam Topic 6)

You have an Azure virtual machine named VM1.

The network interface for VM1 is configured as shown in the exhibit. (Click the Exhibit tab.)

You deploy a web server on VM1, and then create a secure website that is accessible by using the HTTPS protocol. VM1 is used as a web server only.

Network Interface: vm1175 Effective security rules Topology

Virtual network/subnet: RG5-vnet/default Public IP: 40.127.109.108 Private IP: 172.16.1.4 Accelerated networking: Disabled

APPLICATION SECURITY GROUPS

Configure the application security groups

INBOUND PORT RULES

Network security group VM1-nsg (attached to network interface: vm1175)
Impacts 0 subnets, 1 network interfaces

Add inbound port rule

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION	
300	RDP	3389	TCP	Any	Any	Allow	...
400	Rule1	80	TCP	Any	Any	Deny	...
500	Rule2	80,443	TCP	Any	Any	Deny	...
1000	Rule4	50-100,400-500	UDP	Any	Any	Allow	...
2000	Rule5	50-5000	Any	Any	VirtualNetwork	Deny	...
3000	Rule6	150-300	Any	Any	Any	Allow	...
4000	Rule3	60-500	Any	Any	VirtualNetwork	Allow	...
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow	...
65001	AllowAzureLoadBalancerInBo...	Any	Any	AzureLoadBala...	Any	Allow	...
65500	DenyAllInBound	Any	Any	Any	Any	Deny	...

You need to ensure that users can connect to the website from the internet. What should you do?

- A. Create a new inbound rule that allows TCP protocol 443 and configure the protocol to have a priority of 501.
- B. For Rule5, change the Action to Allow and change the priority to 401.
- C. Delete Rule1.
- D. Modify the protocol of Rule4.

Answer: B

Explanation:

Rule 2 is blocking HTTPS access (port 443) and has a priority of 500.

Changing Rule 5 (ports 50-5000) and giving it a lower priority number will allow access on port 443. Note: Rules are processed in priority order, with lower numbers processed before higher numbers, because lower numbers have higher priority. Once traffic matches a rule, processing stops.

References:

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

NEW QUESTION 206

- (Exam Topic 6)

You have an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com.

You hire a temporary vendor. The vendor uses a Microsoft account that has a sign-in of user1@outlook.com. You need to ensure that the vendor can authenticate to the tenant by using user1@outlook.com.

What should you do?

- A. From Windows PowerShell, run the New-AzureADUser cmdlet and specify the –UserPrincipalName user1@outlook.com parameter.
- B. From the Azure portal, add a custom domain name, create a new Azure AD user, and then specify user1@outlook.com as the username.
- C. From Azure Cloud Shell, run the New-AzureADUser cmdlet and specify the –UserPrincipalName user1@outlook.com parameter.
- D. From the Azure portal, add a new guest user, and then specify user1@outlook.com as the email address.

Answer: D

Explanation:

UserPrincipalName - contains the UserPrincipalName (UPN) of this user. The UPN is what the user will use when they sign in into Azure AD. The common structure is @, so for Abby Brown in Contoso.com, the UPN would be AbbyB@contoso.com

Example:

To create the user, call the New-AzureADUser cmdlet with the parameter values:

```
powershell New-AzureADUser -AccountEnabled $True -DisplayName "Abby Brown"
-PasswOrdProfile$PasswordProfile -MailNickName "AbbyB" -UserPrincipalName "AbbyB@contoso.com"
```

References:
<https://docs.microsoft.com/bs-cyrl-ba/powershell/azure/active-directory/new-user-sample?view=azureadps-2.0>

NEW QUESTION 208

- (Exam Topic 6)

You have an Azure subscription that contains a user named User1.

You need to ensure that User1 can deploy virtual machines and manage virtual networks. The solution must use the principle of least privilege.

Which role-based access control (RBAC) role should you assign to User1?

- A. Owner
- B. Virtual Machine Administrator Login
- C. Contributor
- D. Virtual Machine Contributor

Answer: C

NEW QUESTION 212

- (Exam Topic 6)

Your network contains an Active Directory domain named adatum.com and an Azure Active Directory (Azure AD) tenant named adatum.onmicrosoft.com.

Adatum.com contains the user accounts in the following table.

Name	Member of
User1	Domain Admins
User2	Schema Admins
User3	Incoming Forest Trust Builders
User4	Replicator
User5	Enterprise Admins

Adatum.onmicrosoft.com contains the user accounts in the following table.

Name	Role
UserA	Global administrator
UserB	User administrator
UserC	Security administrator
UserD	Service administrator

You need to implement Azure AD Connect. The solution must follow the principle of least privilege. Which user accounts should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Adatum.com:

	▼
User1	
User2	
User3	
User4	
User5	

Adatum.onmicrosoft.com:

	▼
UserA	
UserB	
UserC	
UserD	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: User5

In Express settings, the installation wizard asks for the following: AD DS Enterprise Administrator credentials

Azure AD Global Administrator credentials

The AD DS Enterprise Admin account is used to configure your on-premises Active Directory. These credentials are only used during the installation and are not used after the installation has completed. The Enterprise Admin, not the Domain Admin should make sure the permissions in Active Directory can be set in all domains.

Box 2: UserA

Azure AD Global Admin credentials are only used during the installation and are not used after the installation has completed. It is used to create the Azure AD Connector account used for synchronizing changes to Azure AD. The account also enables sync as a feature in Azure AD.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/connect/active-directory-aadconnect-accounts-permissio>

NEW QUESTION 215

- (Exam Topic 6)

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

Refresh → Move Delete

Resource group (change)
Production

Address space
10.2.0.0/16

Location
West US

DNS servers
Azure provided DNS service

Subscription (change)
Production subscription

Subscription ID
14d28092-8e42-4ea7-b770-9dcef70fb1ea

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

Connected devices

DEVICE

TYPE

IP ADDRESS

SUBNET

No results

The Not allowed resource types Azure policy is assigned to RG1 and uses the following parameters:
§ Microsoft.Network/virtualNetwork
§ Microsoft.Compute/virtualMachines
In RG1, you need to create a new virtual machine named VM2, and then connect VM2 to VNET1. What should you do first?

A. Remove Microsoft.Network/virtualNetworks from the policy
B. Create an Azure Resource Manager template
C. Remove Microsoft.Compute/virtualMachines from the policy
D. Add a subnet to VNET1

Answer: C

Explanation:
The Not allowed resource types Azure policy prohibits the deployment of specified resource types. You specify an array of the resource types to block. Virtual Networks and Virtual Machines are prohibited. Reference:
<https://docs.microsoft.com/en-us/azure/governance/policy/samples/>

NEW QUESTION 217

- (Exam Topic 6)
You have an Azure subscription named Subscription1 that contains the resources shown in the following table.

Name	Type	Resource group
VNET1	Virtual network	RG1
VNET2	Virtual network	RG2
VM1	Virtual machine	RG2

The status of VM1 is Running.
You assign an Azure policy as shown in the exhibit. (Click the Exhibit tab.)

Home > Policy > Assignments > Assign policy

Assign policy

SCOPE

* Scope (Learn more about setting the scope)

Azure Pass/RG2

Exclusions

Optionally select resources to exempt from the policy assignment

BASICS

* Policy definition

Not allowed resource types

* Assignment name

Not allowed resource types

Description

Assigned by

First User

PARAMETERS

* Not allowed resource types

3 selected

Assign

Cancel

You assign the policy by using the following parameters:
Microsoft.ClassicNetwork/virtualNetworks
Microsoft.Network/virtualNetworks
Microsoft.Compute/virtualMachines

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
An administrator can move VNET1 to RG2.	<input type="radio"/>	<input type="radio"/>
The state of VM1 changed to deallocated.	<input type="radio"/>	<input type="radio"/>
An administrator can modify the address space of VNET2.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Not allowed resource types (Deny): Prevents a list of resource types from being deployed. This means this policy specifically prevents a list of resource types from being deployed. So that refers that except deployment all the other operations like start/stop or move etc. are not prevented. But to be noted if the resource already exists, it just marks it as non-compliant.

Replicated this scenario in LAB keeping VM running and below are the outcome :

- VM is not deallocated
- Able to stop and start VM successfully.
- Not able to create new virtual network or VM.
- Not able to modify VM size.
- Not able change the address space of the virtual network.
- Successfully moved virtual network and VM in another resource group.

Statement 1 : Yes

Based on above experiment the policy will mark the VNET1 as non-compliant but it can be moved to RG2 . Hence this statement is true.

Statement 2 : No

Based on above experiment the policy will mark the VM as non-compliant but it will still be running, not deallocated. Hence this statement is False.

Statement 3 : No

Based on above experiment the address space for VNET2 can not be modified. Hence this statement is False.

Reference:

<https://docs.microsoft.com/en-us/azure/governance/policy/assign-policy-portal>

NEW QUESTION 222

- (Exam Topic 6)

You plan to move a distributed on-premises app named App1 to an Azure subscription. After the planned move, App1 will be hosted on several Azure virtual machines.

You need to ensure that App1 always runs on at least eight virtual machines during planned Azure maintenance.

What should you create?

- A. one virtual machine scale set that has 10 virtual machines instances
B. one Availability Set that has three fault domains and one update domain
C. one Availability Set that has 10 update domains and one fault domain
D. one virtual machine scale set that has 12 virtual machines instances

Answer: C

Explanation:

An update domain is a logical group of underlying hardware that can undergo maintenance or be rebooted at the same time. As you create VMs within an availability set, the Azure platform automatically distributes your VMs across these update domains. This approach ensures that at least one instance of your application always remains running as the Azure platform undergoes periodic maintenance.

Reference:

<http://www.thatlazyadmin.com/azure-fault-update-domains/>

NEW QUESTION 223

- (Exam Topic 6)

You have an Azure subscription that contains an Azure Service Bus named Bus1.

Your company plans to deploy two Azure web apps named App1 and App2. The web apps will create messages that have the following requirements:

- Each message created by App1 must be consumed by only a single consumer
- Each message created by App2 will be consumed by multiple consumers.

Which resource should you create for each web app? To answer, drag the appropriate resources to the correct web apps. Each resource may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Resource	Answer Area
<input type="checkbox"/> A Service Bus queue	App1 <input type="text"/>
<input type="checkbox"/> A Service Bus topic	
<input type="checkbox"/> An Azure Event Grid topic	App2 <input type="text"/>
<input type="checkbox"/> Azure Blob storage	

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions>

NEW QUESTION 228

- (Exam Topic 6)

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

Name	Type	Region
RG1	Resource group	West US
RG2	Resource group	East Asia
storage1	Storage account	West US
storage2	Storage account	East Asia
VM1	Virtual machine	West US
VNET1	Virtual network	West US
VNET2	Virtual network	East Asia

VM1 connects to VNET1.

You need to connect VM1 to VNET2.

Solution: You turn off VM1, and then you add a new network interface to VM1. Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Instead you should delete VM1. You recreate VM1, and then you add the network interface for VM1.

Note: When you create an Azure virtual machine (VM), you must create a virtual network (VNet) or use an existing VNet. You can change the subnet a VM is connected to after it's created, but you cannot change the VNet.

References:

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

NEW QUESTION 233

- (Exam Topic 6)

You create an Azure Storage account named contosostorage. You plan to create a file share named data.

Users need to map a drive to the data file share from home computers that run Windows 10.

Which port should be open between the home computers and the data file share?

A. 80

B. 443

C. 445

D. 3389

Answer: C

Explanation:

Ensure port 445 is open: The SMB protocol requires TCP port 445 to be open; connections will fail if port 445 is blocked.

References: <https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

NEW QUESTION 234

- (Exam Topic 6)

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

Name	Location
RG1	West US
RG2	East US

RG1 contains the resources shown in the following table.

Name	Type	Location
storage1	Storage account	West US
VNET1	Virtual network	West US

Answer Area

Statements	Yes	No
You can move storage1 to RG2.	<input type="radio"/>	<input type="radio"/>
You can move NIC1 to RG2.	<input type="radio"/>	<input type="radio"/>
If you move IP2 to RG1, the location of IP2 will change.	<input type="radio"/>	<input type="radio"/>

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You can move storage1 to RG2.	<input checked="" type="radio"/>	<input type="radio"/>
You can move NIC1 to RG2.	<input type="radio"/>	<input checked="" type="radio"/>
If you move IP2 to RG1, the location of IP2 will change.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 237

- (Exam Topic 6)

You have an Azure Service Bus.

You create a queue named Queue1. Queue1 is configured as shown in the following exhibit.

* Name ⓘ

Queue1

Max queue size

1 GB

Message time to live ⓘ

Days

Hours

Minutes

Seconds

0

2

0

0

Lock duration ⓘ

Days

Hours

Minutes

Seconds

0

0

5

0

☐ Enable duplicate detection ⓘ

☒ Enable dead lettering on message expiration ⓘ

☐ Enable sessions ⓘ

☒ Enable partitioning ⓘ

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.

If a message that has a TTL of four hours is written to Queue1 and is never read, the message will be

deleted after two hours

deleted after four hours

deleted after two hours and five minutes

retained until manually deleted

If a message that has a TTL of two hours is written to Queue1, and then read after one hour, the message will be

deleted immediately

deleted in five minutes

deleted in one hour

retained until manually deleted

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Box 1: retained until manually deleted

Since by default PeekLock shall be enabled in Queue, so it will move to DeadLetter after 2hours and stays there until manually deleted. Messages in the dead letter queue should be deleted manually.

Box 2: deleted immediately

Once a message is pulled, it will be deleted immediately. It does not make sense to keep the message further 5 minutes "locked" in the queue. Locking the message makes sense, for the case, when processing the message from a receiver, to lock the message, to avoid processing/receiving the message simultaneously by another receiver.

The receiving client initiates settlement of a received message with a positive acknowledgment when it calls Complete at the API level. This indicates to the broker that the message has been successfully processed and the message is removed from the queue or subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/message-expiration> <https://docs.microsoft.com/en-us/azure/service-bus-messaging/message-transfers-locks-settlement>

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NEW QUESTION 242

- (Exam Topic 6)

VM1 is running and connects to NIC1 and Disk1. NIC1 connects to VNET1.

RG2 contains a public IP address named IP2 that is in the East US location. IP2 is not assigned to a virtual machine.

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
You can move storage1 to RG2.	<input type="radio"/>	<input type="radio"/>
You can move NIC1 to RG2.	<input type="radio"/>	<input type="radio"/>
If you move IP2 to RG1, the location of IP2 will change.	<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-support-resources> <https://docs.microsoft.com/en-us/azure/virtual-network/move-across-regions-publicip-powershell>

NEW QUESTION 247

- (Exam Topic 6)

Peering for VNET2 is configured as shown in the following exhibit.

**VNET2 | Peerings**
Virtual network

Overview

Activity log

Access control (IAM)

Tags


Diagnose and solve problems

+ Add

Refresh

NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
Peering1	Connected	VNET1	Disabled ...

Peering for VNET3 is configured as shown in the following exhibit.

**VNET3 | Peerings**
Virtual network

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

+ Add

Refresh

NAME	PEERING STATUS	PEER	GATEWAY TRANSIT
Peering1	Connected	VNET1	Disabled ...

How can packets be routed between the virtual networks? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Packets from VNET1 can be routed to:

VNET2 only

VNET3 only

VNET2 and VNET3

Packets from VNET2 can be routed to:

VNET1 only

VNET3 only

VNET1 and VNET3

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1. VNET2 and VNET3 Box 2: VNET1
Gateway transit is disabled. Reference:
<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-peering-overview>

NEW QUESTION 250

- (Exam Topic 6)
You have a Basic App Service plan named ASP1 that hosts an Azure App Service named App1. You need to configure a custom domain and enable backups for App1.
What should you do first?

- A. Configure a WebJob for App1.
- B. Scale up ASP1.
- C. Scale out ASP1.
- D. Configure the application settings for App1.

Answer: B

Explanation:

Scale up ASP1 : Correct
Basic App service plan does not support backup/restore.

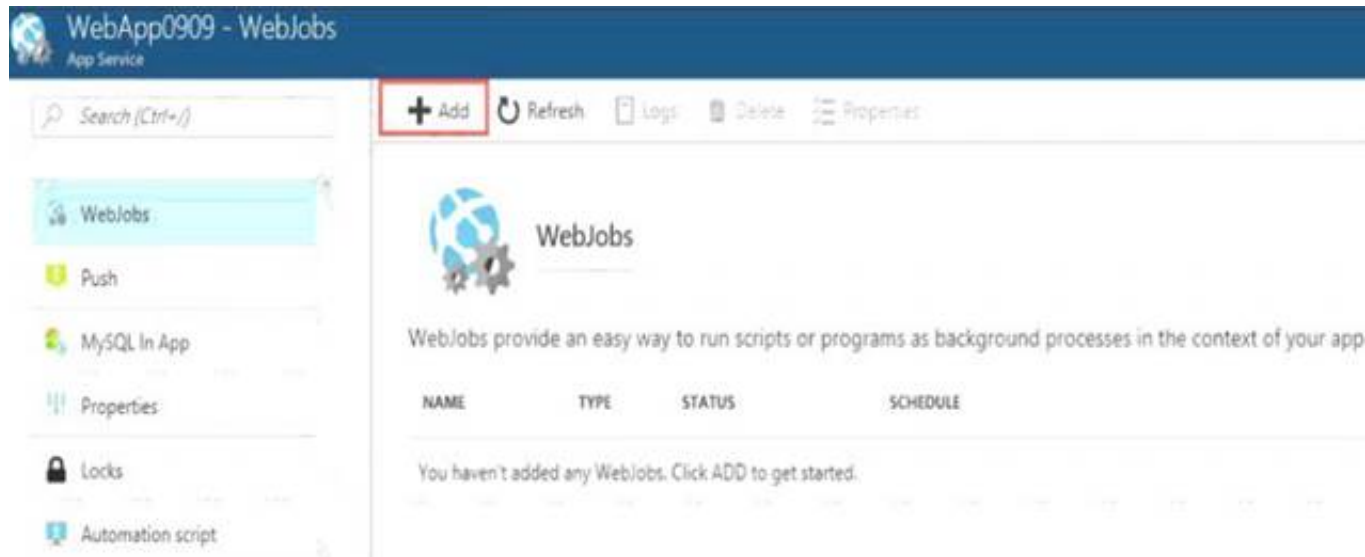
	FREE	SHARED	BASIC	STANDARD	PREMIUM	ISOLATED	APP SERVICE LINUX
Authorization							
Backup/Restore				✓	✓		✓
Custom Domains		✓	✓	✓	✓	✓	✓

The Backup and Restore feature requires the App Service plan to be in the Standard, Premium or Isolated Since in question it is mentioned as a Basic service plan app so at first you need to do it to Scale up the service plan so that backup can be enabled on App1.

Scale up: Get more CPU, memory, disk space, and extra features like dedicated virtual machines (VMs), custom domains and certificates, staging slots, autoscaling, and more. You scale up by changing the pricing tier of the App Service plan that your app belongs to.

Configure a WebJob for App1 : Incorrect

WebJobs is a feature of Azure App Service that enables you to run a program or script in the same instance a a web app, API app, or mobile app. There is no additional cost to use WebJobs



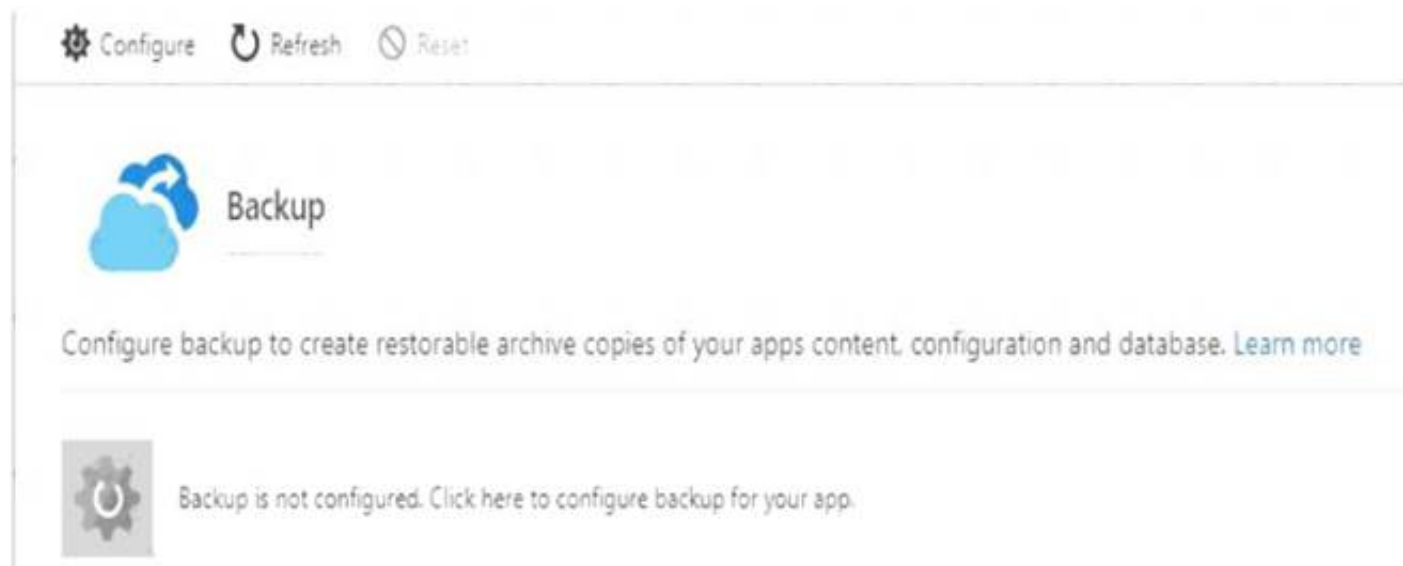
Scale out ASP1 : Incorrect

Scale out: Increase the number of VM instances that run your app. You can scale out to as many as 30 instances, depending on your pricing tier.

Configure the application settings for App1 : Incorrect

This is the 2nd step you need to perform once azure service plan upgraded to standard.

Most folks don't realize how easy it is to configure a backup copy of your Azure App Service to ensure you have restorable archive copies of your app and database. In order to take advantage of this, you'll need to log into your Azure account and go to your App Service that you created and look under Settings then you will see Backup



Reference:

<https://azure.microsoft.com/en-in/pricing/details/app-service/windows/> <https://docs.microsoft.com/en-us/azure/app-service/manage-scale-up>
<https://docs.microsoft.com/en-us/azure/app-service/webjobs-create> <https://microsoft.github.io/AzureTipsAndTricks/blog/tip28.html>

NEW QUESTION 255

- (Exam Topic 6)

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: You join Computer2 to Azure Active Directory (Azure AD).

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

A client computer that connects to a VNet using Point-to-Site must have a client certificate installed. References:
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-certificates-point-to-site>

NEW QUESTION 258

- (Exam Topic 6)

You have an Azure Active Directory (Azure AD) tenant.

All administrators must enter a verification code to access the Azure portal.

You need to ensure that the administrators can access the Azure portal only from your on-premises network. What should you configure?

A. an Azure AD Identity Protection user risk policy.

B. the multi-factor authentication service settings.

C. the default for all the roles in Azure AD Privileged Identity Management

D. an Azure AD Identity Protection sign-in risk policy

Answer: B

Explanation:

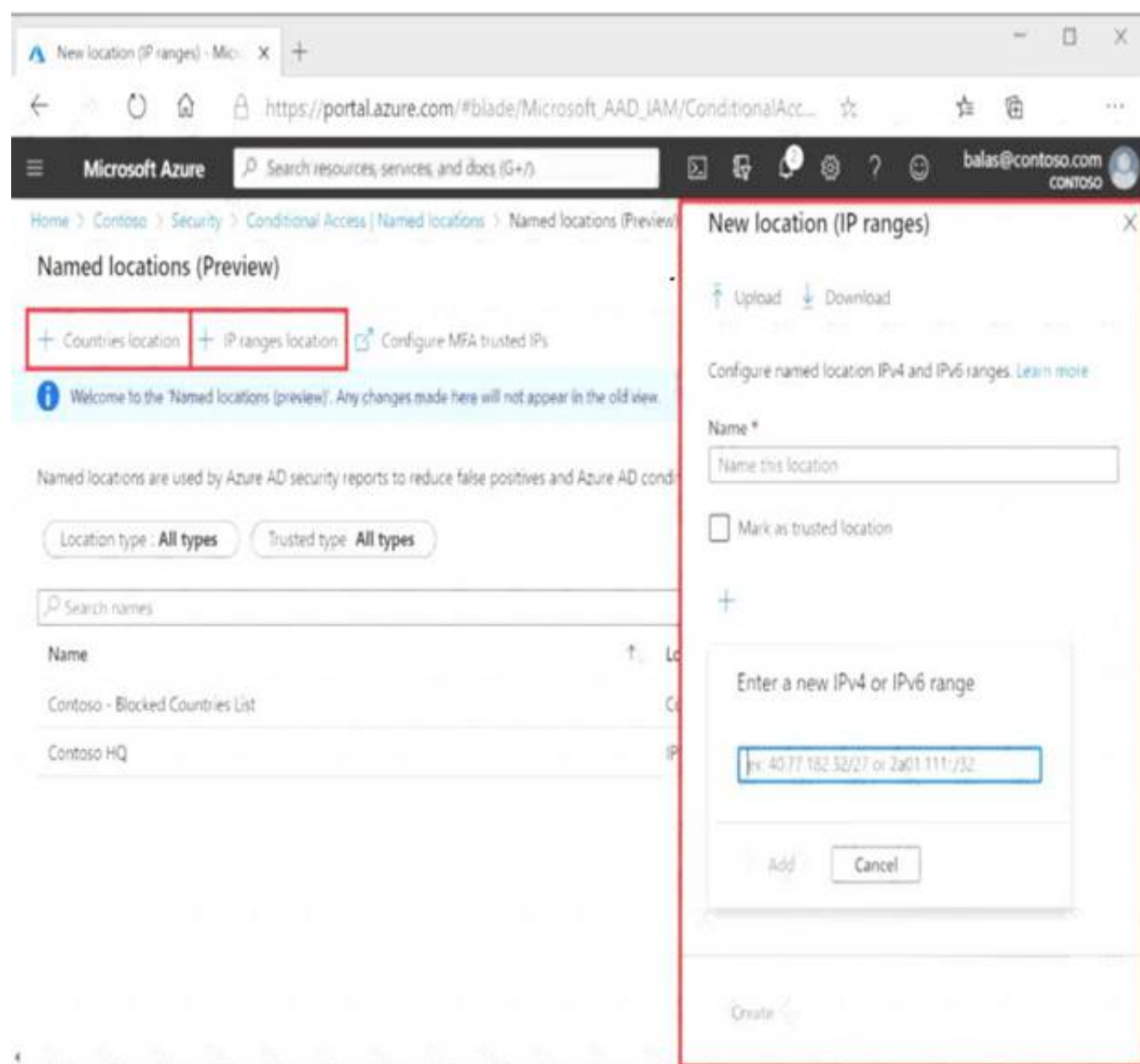
the multi-factor authentication service settings - Correct choice There are two criterias mentioned in the question.

* 1. MFA required

* 2. Access from only a specific geographic region/IP range.

To satisfy both the requirements you need MFA with location conditional access. Please note to achieve this configuration you need to have AD Premium account for Conditional Access policy.

Navigate to Active Directory --> Security --> Conditional Access --> Named Location. Here you can create a policy with location (on-premise IP range) and enable MFA. This will satisfy the requirements.



an Azure AD Identity Protection user risk policy - Incorrect choice

In the Identity Protection, there are three (3) protection policies- User Risk, Sign-In Risk & MFA Registration. None of those in which you can enable a location (on-prem IP Range) requirement in any blade.

the default for all the roles in Azure AD Privileged Identity Management - Incorrect choice This option will not help you to restrict the users to access only from on-prem.

an Azure AD Identity Protection sign-in risk policy - Incorrect choice

In the Identity Protection, there are three (3) protection policies- User Risk, Sign-In Risk & MFA Registration.

None of those in which you can enable a location (on-prem IP Range) requirement in any blade. Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/location-condition>

NEW QUESTION 259

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