

# **Microsoft**

## **Exam Questions AZ-104**

Microsoft Azure Administrator



### NEW QUESTION 1

- (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 2

- (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 registers a domain name of contoso.com.

You create an Azure DNS zone named contoso.com, and then you add an A record to the zone for a host named www that has an IP address of 131.107.1.10.

You discover that Internet hosts are unable to resolve www.contoso.com to the 131.107.1.10 IP address. You need to resolve the name resolution issue.

Solution: You modify the name servers at the domain registrar. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

Modify the Name Server (NS) record. References:

<https://docs.microsoft.com/en-us/azure/dns/dns-delegate-domain-azure-dns>

### NEW QUESTION 3

- (Exam Topic 6)

You have an Azure subscription.

You need to implement a custom policy that meet the following requirements:

- \*Ensures that each new resource group in the subscription has a tag named organization set to a value of Contoso.
- \*Ensures that resource group can be created from the Azure portal.
- \*Ensures that compliance reports in the Azure portal are accurate.

How should you complete the policy? To answer, select the appropriate options in the answers area.

```

{
  "policyRule": {
    "if": {
      "allOf": {
        {
          "field": "type",
          "equals":
            

"Microsoft.Resources/deployments"
"Microsoft.Resources/subscriptions"
"Microsoft.Resources/subscriptions/resourceGroups"


```

"Append",
"Deny",
"DeployifNotExists",

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: "Microsoft.Resources/subscriptions/resourceGroups"  
 To create a new resource group in a subscription, account have at least the this permission.  
 Box 2: "Append"  
 Append adds fields to the resource when the if condition of the policy rule is met. If the append effect would override a value in the original request with a different value, then it acts as a deny effect and rejects the request. To append a new value to an existing array, use the [\*]  
 Reference:  
 version of the alias  
<https://docs.microsoft.com/en-us/azure/governance/policy/concepts/definition-structure> <https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles> <https://docs.microsoft.com/en-us/azure/governance/policy/concepts/effects>

**NEW QUESTION 4**

- (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 5

- (Exam Topic 6)

You create the following resources in an Azure subscription:

- An Azure Container Registry instance named Registry1.
- An Azure Kubernetes Service (AKS) cluster named Cluster1.

You create a container image named App1 on your administrative workstation. You need to deploy App1 to Cluster1. What should you do first?

- A. Create a host pool on Cluster1.
- B. Run the az acr build command.
- C. Run the docker build command.
- D. Run the docker push command.

**Answer:** B

#### Explanation:

Run the az acr build command : Correct Choice

az acr build command queues a quick build, providing streaming logs for an Azure Container Registry az acr build --registry

[--agent-pool]

[--auth-mode {Default, None}] [--build-arg]

[--file]

[--image]

[--no-format]

[--no-logs]

[--no-push]

[--no-wait]

[--platform]

[--resource-group] [--secret-build-arg] [--subscription]

[--target]

[--timeout] [<SOURCE\_LOCATION>]

Create a host pool on Cluster1 : Incorrect Choice

Host pools are a collection of one or more identical virtual machines (VMs) within Windows Virtual Desktop

environments. It won't deploy the app to the cluster. Run the docker push command : Incorrect Choice

Use docker push to share your images to the Docker Hub registry or to a self-hosted one. It won't deploy the app to the cluster.

Run the docker build command : Incorrect Choice

This command will build an image from a Dockerfile. But in the question it has been said that image file is already built and need to deploy. This command will not deploy the image.

Reference:

<https://docs.microsoft.com/en-us/cli/azure/acr?view=azure-cli-latest#az-acr-build> <https://docs.docker.com/engine/reference/commandline/push/>

<https://docs.microsoft.com/en-us/azure/virtual-desktop/create-host-pools-azure-marketplace> <https://docs.docker.com/engine/reference/commandline/build/>

### NEW QUESTION 6

- (Exam Topic 6)

You have an Azure subscription that contains a virtual network named VNET in the East Us 2 region. A network interface named VM1-NI is connected to VNET1.

You successfully deploy the following Azure Resource Manager template.

```
{
  "apiVersion": "2017-03-30",
  "type": "Microsoft.Compute/virtualMachines",
  "name": "VM1",
  "zones": "1",
  "location": "EastUS2",
  "dependsOn": [
    "[resourceId('Microsoft.Network/networkInterfaces', 'VM1-NI')]"
  ],
  "properties": {
    "hardwareProfile": {
      "vmSize": "Standard_A2_v2"
    },
    "osProfile": {
      "computerName": "VM1",
      "adminUsername": "AzureAdmin",
      "adminPassword": "[parameters('adminPassword')]"
    },
    "storageProfile": {
      "imageReference": "[variables('image')]",
      "osDisk": {
        "createOption": "FromImage"
      }
    },
    "networkProfile": {
      "networkInterfaces": [
        {
          "id": "[resourceId('Microsoft.Network/networkInterfaces', 'VM1-NI')]"
        }
      ]
    }
  }
},
{
  "apiVersion": "2017-03-30",
  "type": "Microsoft.Compute/virtualMachines",
  "name": "VM2",
  "zones": "2",
  "location": "EastUS2",
  "dependsOn": [
    "[resourceId('Microsoft.Network/networkInterfaces', 'VM2-NI')]"
  ],
  "storageProfile": {
    "imageReference": "[variables('image')]",
    "osDisk": {
      "createOption": "FromImage"
    }
  },
  "networkProfile": {
    "networkInterfaces": [
      {
        "id": "[resourceId('Microsoft.Network/networkInterfaces', 'VM2-NI')]"
      }
    ]
  }
}
```

Answer Area

	Yes	No
VM1 and VM2 can connect to VNET1.	<input type="radio"/>	<input type="radio"/>
If an Azure datacenter becomes unavailable, VM1 or VM2 will be available.	<input type="radio"/>	<input type="radio"/>
If the East US 2 region becomes unavailable, VM1 or VM2 will be available.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

	Yes	No
VM1 and VM2 can connect to VNET1.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure datacenter becomes unavailable, VM1 or VM2 will be available.	<input checked="" type="radio"/>	<input type="radio"/>
If the East US 2 region becomes unavailable, VM1 or VM2 will be available.	<input type="radio"/>	<input checked="" type="radio"/>

**NEW QUESTION 7**

- (Exam Topic 6)

You have a hybrid deployment of Azure Active Directory (Azure AD) that 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

You need to modify the JobTitle and UsageLocation attributes for the users.  
For which users can you modify the- attributes from Azure AD? To answer, select the appropriate options in the answer area.

JobTitle:

User1 only

User1 and User2 only

User1 and User3 only

User1, User2, and User3

UsageLocation:

User1 only

User1 and User2 only

User1 and User3 only

User1, User2, and User3

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: User1 and User3 only

You must use Windows Server Active Directory to update the identity, contact info, or job info for users whose source of authority is Windows Server Active Directory.

Box 2: User1, User2, and User3 Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-users-profile-azure-portal>

**NEW QUESTION 8**

- (Exam Topic 6)

You have an Azure subscription that contains 10 virtual machines, a key vault named Vault 1, and a network security group (NSG) named NSG1. All the resources are deployed to the East US Azure region.

The virtual machines are protected by using NSG1. NSG1 is configured to block all outbound traffic to the internet.

You need to ensure that the virtual machines can access Vault1. The solution must use the principle of least privilege and minimize administrative effort.

What should you configure as the destination of the outbound security rule for NSG1 ?

- A. an application security group
- B. an IP address range
- C. a service tag

**Answer:** C

**NEW QUESTION 9**

- (Exam Topic 6)

You create the following resources in an subscription:

- An Azure Container Registry instance named Registry1
- An Azure Kubernetes Service (AKS) cluster named Cluster1

You create a container image named App 1 on your administrative workstation. You need to deploy App1 to cluster 1.

What should you do first?

- A. Run the aa aks create command.
- B. Create a host pool on Cluster1



- C. Upload App1 to Registry 1.
- D. Run the kubect1 apply command.

**Answer:** C


**NEW QUESTION 10**


- (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: RGS-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 10**

- (Exam Topic 6)

Your company has a Microsoft Azure subscription.

The company has datacenters in Los Angeles and New York.

You are configuring the two datacenters as geo-clustered sites for site resiliency. You need to recommend an Azure storage redundancy option.

You have the following data storage requirements:

- > Data must be stored on multiple nodes.
  - > Data must be stored on nodes in separate geographic locations.
  - > Data can be read from the secondary location as well as from the primary location
- Which of the following Azure stored redundancy options should you recommend?

- A. Geo-redundant storage
- B. Read-only geo-redundant storage
- C. Zone-redundant storage
- D. Locally redundant storage

**Answer:** B

**Explanation:**

RA-GRS allows you to have higher read availability for your storage account by providing “read only” access to the data replicated to the secondary location. Once you enable this feature, the secondary location may be used to achieve higher availability in the event the data is not available in the primary region. This is an

“opt-in” feature which requires the storage account be geo-replicated.

Reference:

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

**NEW QUESTION 14**

- (Exam Topic 6)

You have two Azure Active Directory (Azure AD) tenants named contoso.com and fabrikam.com. You have a Microsoft account that you use to sign in to both tenants.

You need to configure the default sign-in tenant for the Azure portal. What should you do?

- A. From the Azure portal, configure the portal settings.
- B. From the Azure portal, change the directory.
- C. From Azure Cloud Shell, run Set-AzureRmContext.
- D. From Azure Cloud Shell, run Set-AzureRmSubscription.

**Answer:** B

**Explanation:**

The Set-AzureRmContext cmdlet sets authentication information for cmdlets that you run in the current session. The context includes tenant, subscription, and environment information.

References:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.profile/set-azurermscontext>

**NEW QUESTION 16**

- (Exam Topic 6)

You have an on-premises network that contains a Hyper-V host named Host1. Host1 runs Windows Server 2016 and hosts 10 virtual machines that run Windows Server 2016.

You plan to replicate the virtual machines to Azure by using Azure Site Recovery. You create a Recovery Services vault named ASR1 and a Hyper-V site named Site1. You need to add Host1 to ASR1.

What should you do?

- A. Download the installation file for the Azure Site Recovery Provider. Download the vault registration key. Install the Azure Site Recovery Provider on Host1 and register the server.
- B. Download the installation file for the Azure Site Recovery Provider. Download the storage account key. Install the Azure Site Recovery Provider on Host1 and register the server.
- C. Download the installation file for the Azure Site Recovery Provider. Download the vault registration key. Install the Azure Site Recovery Provider on each virtual machine and register the virtual machines.
- D. Download the installation file for the Azure Site Recovery Provider. Download the storage account key. Install the Azure Site Recovery Provider on each virtual machine and register the virtual machines.

**Answer:** A

**Explanation:**

Below are the steps you need to perform in this scenario. Refer the link mentioned in the reference section.

Download the installation file for the Azure Site Recovery Provider

To set up the source environment, you create a Hyper-V site and add to that site the Hyper-V hosts containing VMs that you want to replicate. Then, you download and install the Azure Site Recovery Provider and the Azure Recovery Services agent on each host, and register the Hyper-V site in the vault.



These are long running tasks done on-premises.

- 1 Protection goal  
Hyper-V VMs to Azure ✓
- 2 Deployment planning  
I will do it later ✓
- 3 Source  
Prepare >
- 4 Target  
Prepare >
- 5 Replication settings  
Prepare >

+ Hyper-V Site
+ Hyper-V Server

✓ Step 1: Select Hyper-V site

Hyper-V Site  
ContosoHyperVSite

→ Step 2: Ensure Hyper-V servers are added

0 Found... Click on +Hyper-V server in top command bar to add a Hyper-V server to the site. This may take approximately 15 min to 30 min.

Download the vault registration key

Download the Vault registration key. You need this when you install the Provider. The key is valid for five days after you generate it.

## Add Server

ContosoVMVault

Server type  
Hyper-V server

Adding Hyper-V server may take ... minutes to 30 minutes

Register your Hyper-V host(s)  
On-premises

1. Make sure the host is running Windows Server 2012 R2 or above. [Learn more.](#)
2. Configure Proxy setting and ensure each host can access the [Service URLs](#)
3. [Download](#) the installer for the Microsoft Azure Site Recovery Provider.
4. Download the vault registration key to register the host in a Hyper-V site  
ContosoHyperVSite

**Download**

5. Install the Provider on the Hyper-V host and use the registration key to register the host in the vault. [Learn more.](#)

Install the Azure Site Recovery Provider on Host1.

Install the downloaded setup file (AzureSiteRecoveryProvider.exe) on each Hyper-V host that you want to add to the Hyper-V site. Setup installs the Azure Site Recovery Provider and Recovery Services agent on each Hyper-V host.  
 Register the server  
 In Registration, after the server is registered in the vault, select Finish.  
 References:  
<https://docs.microsoft.com/en-us/azure/site-recovery/hyper-v-azure-tutorial>

### NEW QUESTION 21

- (Exam Topic 6)

You have three offices and an Azure subscription that contains an Azure Active Directory (Azure AD) tenant. You need to grant user management permissions to a local administrator in each office.  
 What should you use?

- A. Azure AD roles
- B. administrative units
- C. access packages in Azure AD entitlement management
- D. Azure roles

**Answer: B**

#### Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/roles/administrative-units>

### NEW QUESTION 23

- (Exam Topic 6)

You have an Azure web app named webapp!  
 You have a virtual network named VNET1 and an Azure virtual machine named VMI that hosts a MySQL database. VM1 connects to VNET1,  
 You need to ensure that webapp! can access the data hosted on VMI. What should you do?

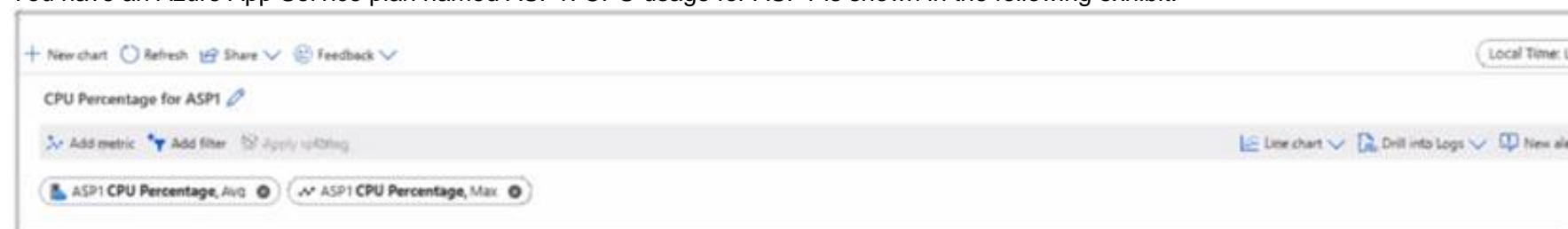
- A. Deploy an internal load balancer.
- B. Connect webappt to VNET1.
- C. Deploy an Azure Application Gateway.
- D. Peer VNET1 to another virtual network

**Answer: C**

### NEW QUESTION 24

- (Exam Topic 6)

You have an Azure App Service plan named ASP1. CPU usage for ASP1 is shown in the following exhibit.



#### Answer Area

The average CPU percentage is calculated [answer choice] per day.

ASP1 must be [answer choice] to optimize CPU usage.

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

#### Answer Area

The average CPU percentage is calculated [answer choice] per day.

ASP1 must be [answer choice] to optimize CPU usage.

### NEW QUESTION 25

- (Exam Topic 6)

You are planning to deploy an Ubuntu Server virtual machine to your company's Azure subscription.  
 You are required to implement a custom deployment that includes adding a particular trusted root certification authority (CA).  
 Which of the following should you use to create the virtual machine?

- A. The New-AzureRmVm cmdlet.

- B. The New-AzVM cmdlet.
- C. The Create-AzVM cmdlet.
- D. The az vm create command.

**Answer:** D

**Explanation:**

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

**NEW QUESTION 26**

- (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 27**

- (Exam Topic 6)

You create an Azure web app named WebApp1. WebApp1 has the autoscale settings shown in the following exhibit.

Autoscale setting name

Rule1

Resource group

VMRG

Instance count

1

Default

Auto created scale condition

Scale mode

☐ Scale based on a metric

☒ Scale to a specific instance count

Instance count

1

Schedule

This scale condition is executed when none of the other scale condition(s) match

Auto created scale condition 1

Scale mode

☒ Scale based on a metric

☐ Scale to a specific instance count

Rules

Scale out

When

Plan1

(Average) CpuPercentage > 80

Increase instance count by 2

Scale in

When

Plan1

(Average) CpuPercentage > 25

Decrease instance count by 1

+Add a rule

Instance limits

Minimum

2

Maximum

10

Default

4

Schedule

☒ Specify start/end dates

☐ Repeat specific days

Timezone

(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Sto. ✓

Start date

2018-07-01

12:00:00 AM

End date

2018-07-31

11:59:00 PM

The scale out and scale in rules are configured to have a duration of 10 minutes and a cool down time of five minutes.  
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 on August 8, 2018, WebApp1 is used at more than 85 percent for 15 minutes, WebApp1 will be running [answer choice].

▼

one instance

two instances

four instances

six instances

ten instances

If on July8, 2018, WebApp1 is used at less than 15 percent for 60 minutes, WebApp1 will be running [answer choice].

▼

one instance

two instances

three instances

four instances

six instances

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: one instance

Refer to scaling condition provided in the question, August 8, 2018 is outside the schedule of the scale condition 1, and Default instance count is 1.

Box 2: two instances

The default instance count is important because autoscale scales your service to that count when metrics are not available. Therefore, select a default instance count that's safe for your workloads.

The Default instance count of scale condition 1 is 4, and the Scale in rule decreases the count with 1. So initial instance count before scale in condition met = 4 CPU utilization was at 15% for 60 mins so after first 10 mins ( The scale out and scale in rules are configured to have a duration of 10 minutes )instance count reduces by 1 hence after first 10 mins instance count is 4-1=3

Now cool down period is 5 mins , after first 15 mins instance count is 3 . After next 15 mins , instance count will be 3-1=2.

After next 15 mins , instance count will be =2 because minimum instance count must be 2 , it can't get reduced beyond 2.

So after 60 mins instance count will be at 2.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-best-practices>

**NEW QUESTION 29**

- (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		✓	✓	✓	✓	✓	✓

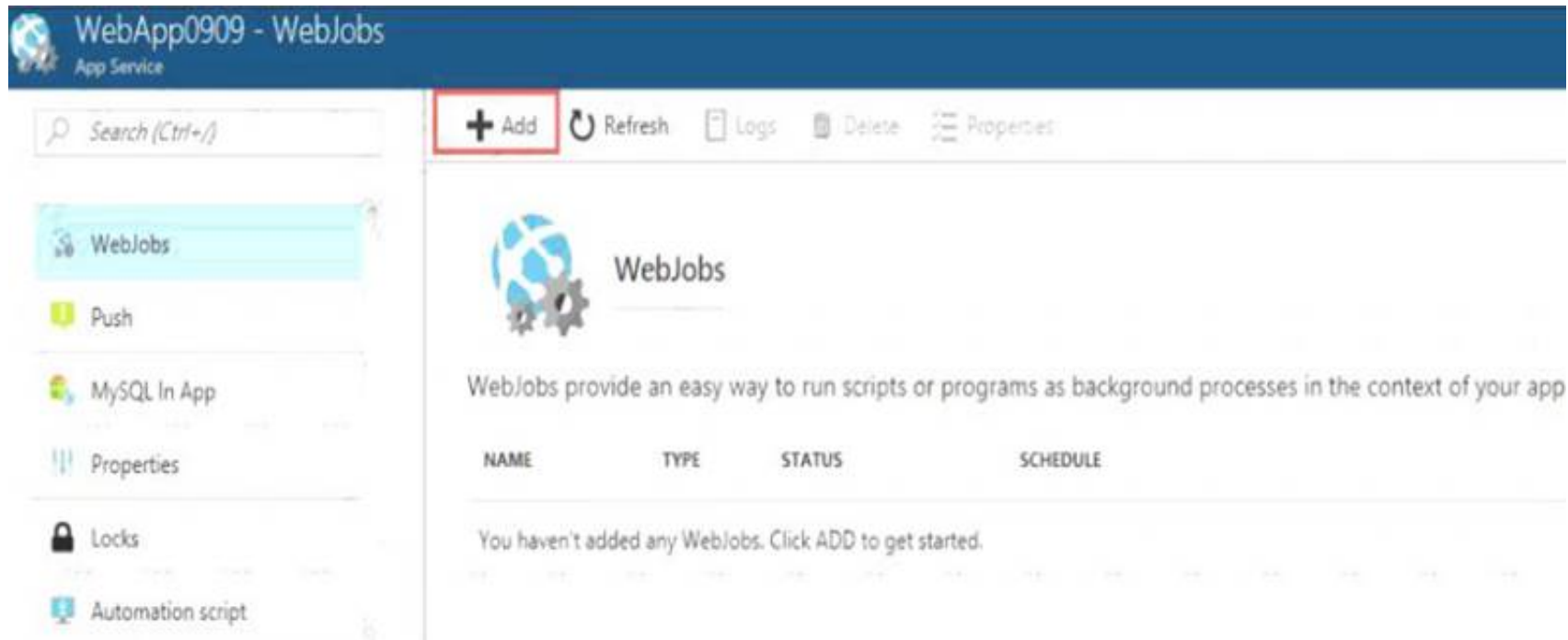
The Backup and Restore feature requires the App Service plan to be in the Standard, Premium or Isolated Since in question it is mentioned as a Basic service plan app so at first you need to do it to Scale up the service plan so that backup can be enabled on App1.

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 as a web app, API app, or mobile app. There is no additional cost to use WebJobs





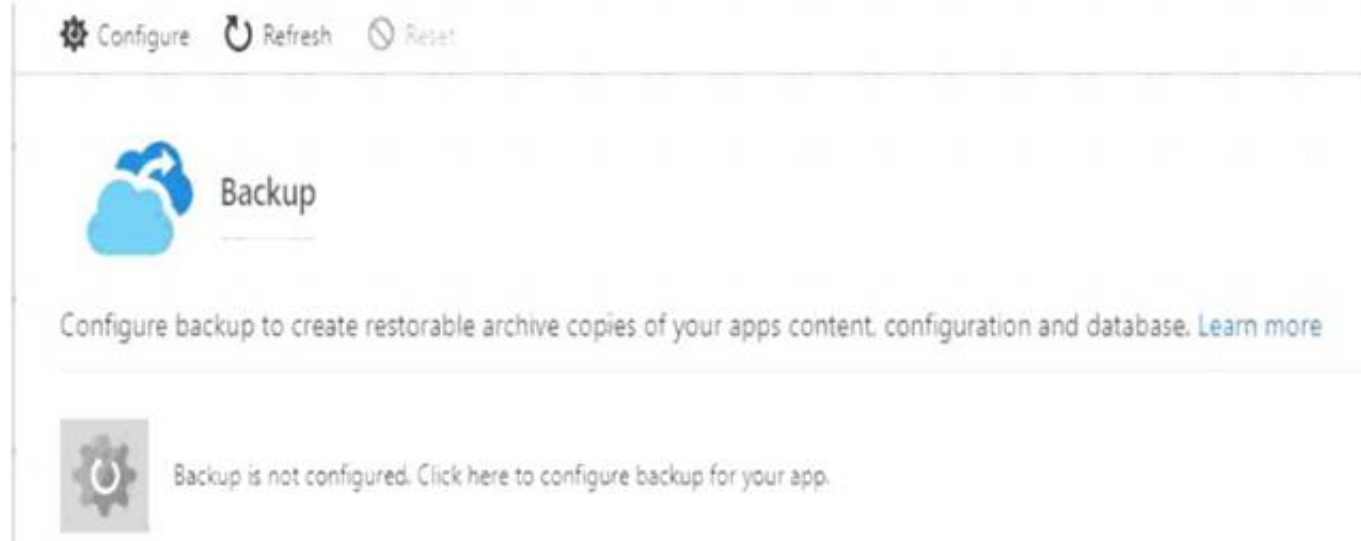
Scale out ASP1 : Incorrect

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 34

- (Exam Topic 6)

You are building a custom Azure function app to connect to Azure Event Grid.

You need to ensure that resources are allocated dynamically to the function app. Billing must be based on the executions of the app.

What should you configure when you create the function app?

- A. the Windows operating system and the Consumption plan hosting plan
- B. the Windows operating system and the App Service plan hosting plan
- C. the Docker container and an App Service plan that uses the B1 pricing tier
- D. the Docker container and an App Service plan that uses the S1 pricing

**Answer: A**

#### Explanation:

Azure Functions runs in two different modes: Consumption plan and Azure App Service plan. The Consumption plan automatically allocates compute power when your code is running. Your app is scaled out when needed to handle load, and scaled down when code is not running.

#### NEW QUESTION 36

- (Exam Topic 6)

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Azure Active Directory (Azure AD) tenant named weyland.com that is configured for hybrid coexistence with the on-premises Active Directory domain.

You have a server named DirSync1 that is configured as a DirSync server.

You create a new user account in the on-premise Active Directory. You now need to replicate the user information to Azure AD immediately.

Solution: You run the Start-ADSyncSyncCycle -PolicyType Initial PowerShell cmdlet. Does the solution meet the goal?

- A. Yes
- B. No

**Answer: A**

#### Explanation:

Reference:

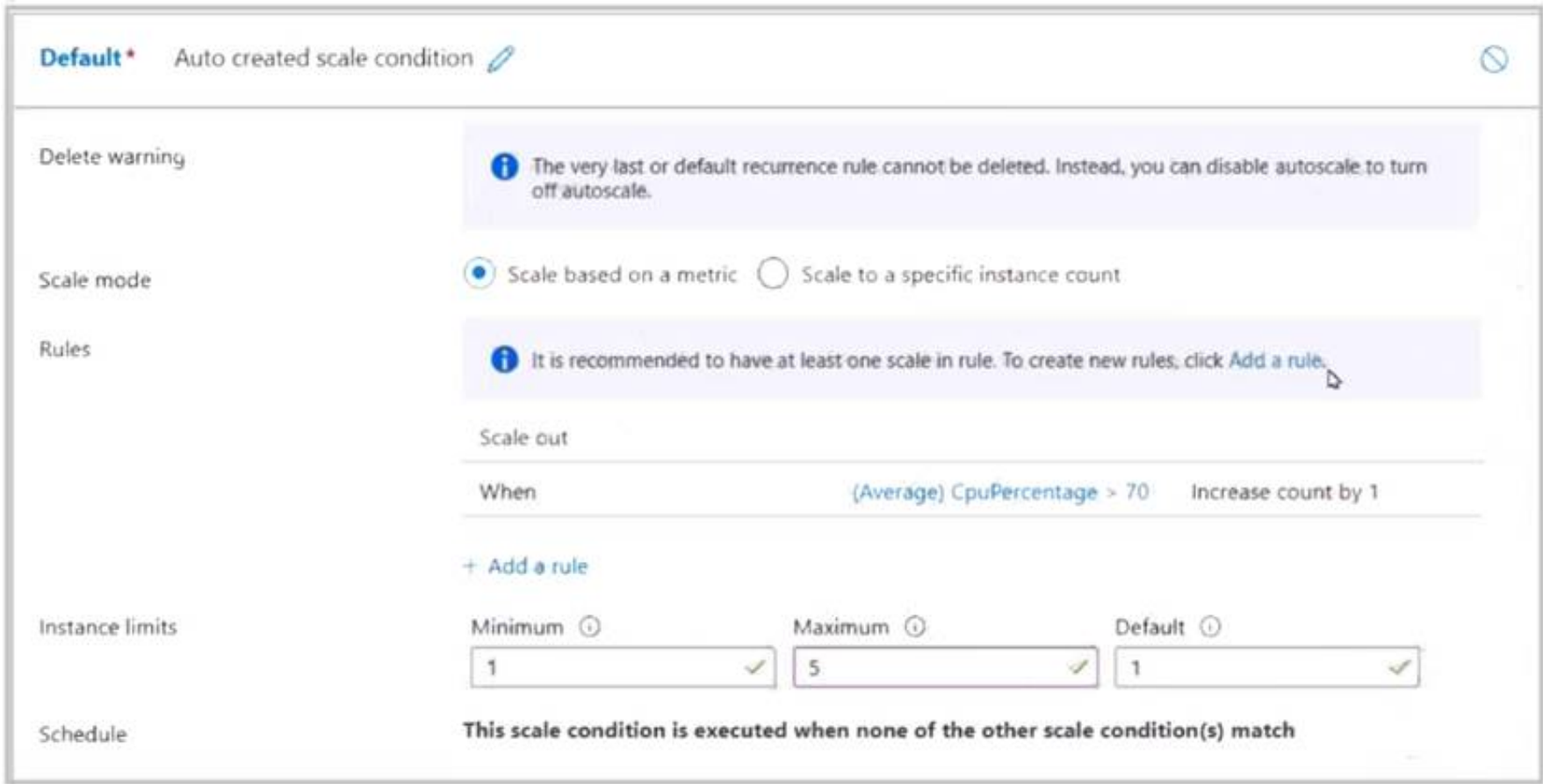


<https://blog.kloud.com.au/2016/03/08/azure-ad-connect-manual-sync-cycle-with-powershell-start-adsyncsyncy>

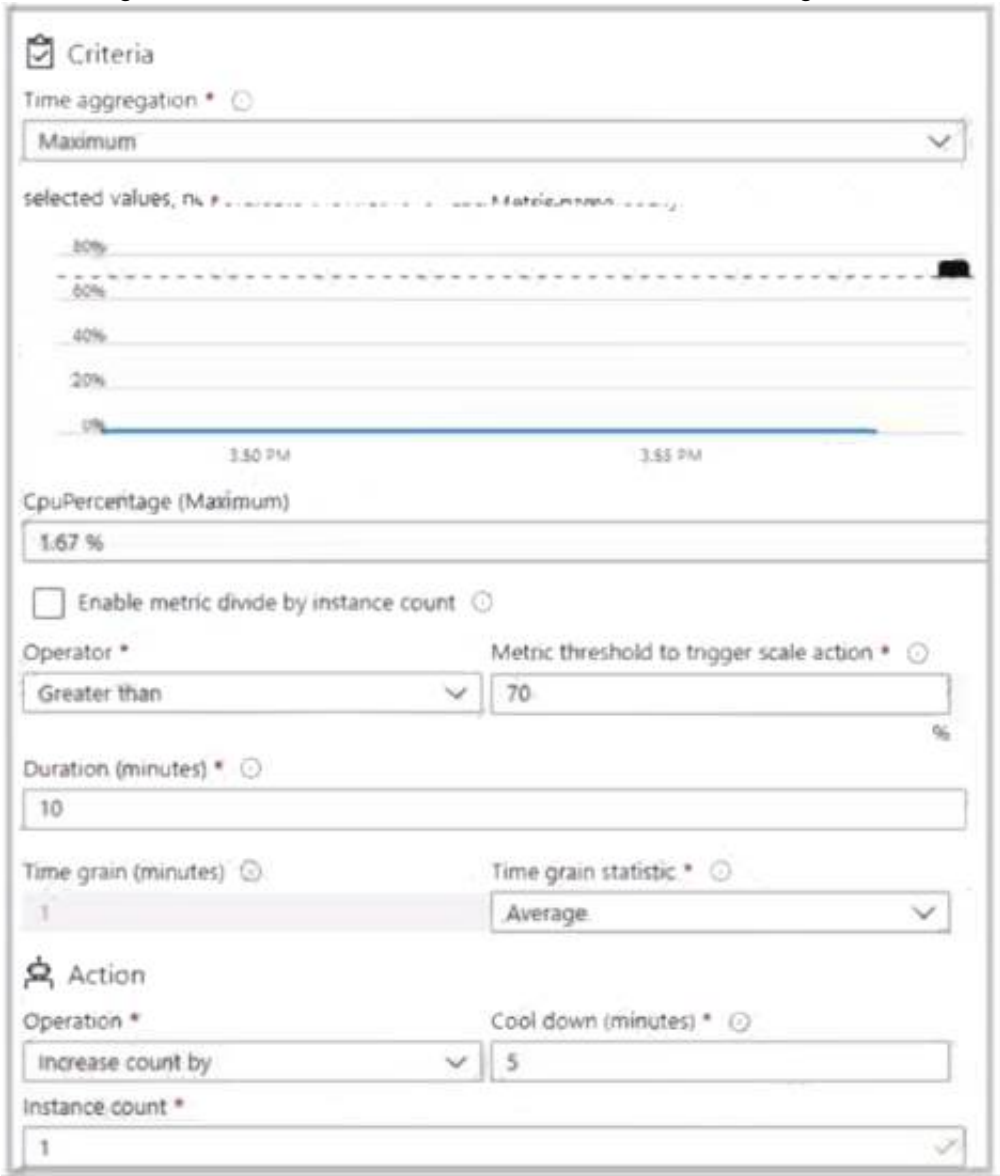
**NEW QUESTION 38**

- (Exam Topic 6)

You have an Azure App Service web app named app1. You configure autoscaling as shown in following exhibit.



You configure the autoscale rule criteria as shown in the following exhibit.



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

**Answer Area**

After CPU usage has reached 80 percent for 15 minutes, [answer choice] will be running.

Once the first scale-out instance is created, the minimum time before an additional instance is created will be [answer choice].

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Answer Area

After CPU usage has reached 80 percent for 15 minutes, [answer choice] will be running.

Once the first scale-out instance is created, the minimum time before an additional instance is created will be [answer choice].

**NEW QUESTION 41**

- (Exam Topic 6)  
You need to configure Azure Backup to back up the file shares and virtual machines.  
What is the minimum number of Recovery Services vaults and backup policies you should create? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

See the answer as below.

Answer Area

Recovery Services vaults:

Backup policies:

**NEW QUESTION 43**

- (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 web app named App1. App1 runs in an Azure App Service plan named Plan1. Plan1 is associated to the Free pricing tier.  
You discover that App1 stops each day after running continuously for 60 minutes. You need to ensure that App1 can run continuously for the entire day.  
Solution: You add a continuous WebJob to App1. Does this meet the goal?

- A. Yes  
B. No

**Answer:** B

**Explanation:**

A web app can time out after 20 minutes of inactivity. Only requests to the actual web app reset the timer. Viewing the app's configuration in the Azure portal or making requests to the advanced tools site ([https://<app\\_name>.scm.azurewebsites.net](https://<app_name>.scm.azurewebsites.net)) don't reset the timer. If your app runs continuous or scheduled (Timer trigger) WebJobs, enable Always On to ensure that the WebJobs run reliably. This feature is availabl only in the Basic, Standard, and Premium pricing tiers. The app service plan mentioned in the question is associated to the free tier , so addition of a continuous WebJob to App1 is not possible. So the proposed solution won't meet the goal.  
Reference :  
<https://docs.microsoft.com/en-us/azure/app-service/webjobs-create>

**NEW QUESTION 47**

- (Exam Topic 6)  
You create a Recovery Services vault backup policy named Policy1 as shown in the following exhibit.

Policy1

☒ Associated items ☒ Delete ☒ Save ☒ Discard

Backup schedule

\* Frequency \* Time \* Timezone

Retention range

Answer Area

The backup that occurs on Sunday, March 1, will be retained for [answer choice]

30 days

10 weeks

36 months

10 years

These are the selections for the statement The backup that occurs on Sunday, March 1, will be retained for [answer choice]

The backup that occurs on Sunday, November 1, will be retained for [answer choice]

30 days

10 weeks

36 months

10 years

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
 Answer Area

The backup that occurs on Sunday, March 1, will be retained for [answer choice]

30 days

10 weeks

36 months

10 years

These are the selections for the statement The backup that occurs on Sunday, March 1, will be retained for [answer choice]

The backup that occurs on Sunday, November 1, will be retained for [answer choice]

30 days

10 weeks

36 months

10 years

**NEW QUESTION 51**

- (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 55**

- (Exam Topic 6)

You enable password reset for contoso.onmicrosoft.com as shown in the Password Reset exhibit (Click the Password Reset tab.)

Name	Member of	Role assigned
User1	Group1	None
User2	Group2	None
User3	Group1, Group2	User administrator

You configure the authentication methods for password reset as shown in the Authentication Methods exhibit. (Click the Authentication Methods tab.)

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

You enable password reset for contoso.onmicrosoft.com as shown in the Password Reset exhibit (Click the Password Reset tab.)

You configure the authentication methods for password reset as shown in the Authentication Methods exhibit. (Click the Authentication Methods tab.)

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

Self service password reset enabled ⓘ

None

Selected

All

---

Select group

Group2

---

Number of methods required to reset ⓘ

1

2

Methods available to users

☐ Mobile app notification (preview)

☐ Mobile app code (preview)

☐ Email

☒ Mobile phone

☐ Office phone

☒ Security questions

Number of questions required to register ⓘ

3

4

5

Number of questions required to reset ⓘ

3

4

5

⏪ ⏩ ⏴ ⏵

Statements	Yes	No
After User2 answers three security questions, he can reset his password immediately.	<input type="radio"/>	<input type="radio"/>
If User1 forgets her password, she can reset the password by using the mobile phone app.	<input type="radio"/>	<input type="radio"/>
User3 can add security questions to the password reset process.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: No  
Two methods are required.  
Box 2: No  
Self-service password reset is only enabled for Group2, and User1 is not a member of Group2.  
Box 3: Yes  
As a User Administrator User3 can add security questions to the reset process. References:  
<https://docs.microsoft.com/en-us/azure/active-directory/authentication/quickstart-sspr>  
<https://docs.microsoft.com/en-us/azure/active-directory/authentication/active-directory-passwords-faq>

NEW QUESTION 57

- (Exam Topic 6)  
You have two Azure virtual machines named VM1 and VM2. VM1 has a single data disk named Disk1. You need to attach Disk1 to VM2. The solution must minimize downtime for both virtual machines.  
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



### Actions

Start VM2.

Stop VM1.

Start VM1.

Detach Disk1 from VM1.

Attach Disk1 to VM2.

Stop VM2.



### Answer Area

- A. Mastered  
 B. Not Mastered

**Answer:** A

#### Explanation:

Step 1: Stop VM1.

Step 2: Detach Disk1 from VM1. Step 3: Start VM1.

Detach a data disk using the portal

- In the left menu, select Virtual Machines.
- Select the virtual machine that has the data disk you want to detach and click Stop to deallocate the VM.
- In the virtual machine pane, select Disks.
- At the top of the Disks pane, select Edit.
- In the Disks pane, to the far right of the data disk that you would like to detach, click the Detach button image detach button.
- After the disk has been removed, click Save on the top of the pane.
- In the virtual machine pane, click Overview and then click the Start button at the top of the pane to restart the VM.
- The disk stays in storage but is no longer attached to a virtual machine. Step 4: Attach Disk1 to VM2

Attach an existing disk

Follow these steps to reattach an existing available data disk to a running VM.

- Select a running VM for which you want to reattach a data disk.
- From the menu on the left, select Disks.
- Select Attach existing to attach an available data disk to the VM.
- From the Attach existing disk pane, select OK.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/detach-disk> <https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-attach-detach-data-disk>

### NEW QUESTION 60

- (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 Performance Monitor, you create a Data Collector Set (DCS).

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 61

- (Exam Topic 6)

You have a deployment template named Template1 that is used to deploy 10 Azure web apps.

You need to identify what to deploy before you deploy Template1. The solution must minimize Azure costs. What should you identify?

- A. 10 App Service plans  
 B. one Azure Traffic Manager  
 C. five Azure Application Gateways  
 D. one App Service plan  
 E. one Azure Application Gateway



**Answer:** D

**Explanation:**

You create Azure web apps in an App Service plan. Reference:  
<https://docs.microsoft.com/en-us/azure/app-service/overview-hosting-plans>

**NEW QUESTION 64**

- (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 Reader 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 69**

- (Exam Topic 6)

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

Name	Type
Cluster1	Azure Kubernetes Service (AKS)
Registry1	Azure Container Registry
Application1	Container image

You need to deploy Application1 to Cluster1. Which command should you run?

- A. az acr build
- B. az aks create
- C. docker build
- D. kubectl apply

**Answer:** A

**NEW QUESTION 74**

- (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 79

- (Exam Topic 5)

You have an Azure subscription named Subscription1 that contains an Azure virtual network named VNet1. VNet1 connects to your on-premises network by using Azure ExpressRoute.

You need to connect VNet1 to the on-premises network by using a site-to-site VPN. The solution must minimize cost.

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

NOTE: Each correct selection is worth one point.

- A. Create a local site VPN gateway.
- B. Create a VPN gateway that uses the VpnGw1 SKU.
- C. Create a VPN gateway that uses the Basic SKU.
- D. Create a gateway subnet.
- E. Create a connection.

**Answer:** ABE

#### Explanation:

Create a Connection: You need to link the ExpressRoute gateway to the ExpressRoute circuit. After this step has been completed, the connection between your on-premises network and Azure through ExpressRoute will be established. Hence this is correct option.

Create a local site VPN gateway : This will allow you to provide the local gateway settings, for example public IP and the on-premises address space, so that the Azure VPN gateway can connect to it. Hence this is correct option.

Create a VPN gateway that uses the VpnGw1 SKU : The GatewaySku is only supported foVr pnGw1, VpnGw2, VpnGw3, Standard, and HighPerformance

VPN gateways. ExpressRoute-VPN Gateway coexist

configurations are not supported on the Basic SKU. The VpnType must be RouteBased. Hence this is correct option.

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal> <https://docs.microsoft.com/en-us/azure/expressroute/expressroute-howto-coexist-resource-manager> <https://docs.microsoft.com/en-us/azure/expressroute/expressroute-howto-linkvnet-arm>

#### NEW QUESTION 80

- (Exam Topic 5)

You have an Azure Storage account named storage1 that uses Azure Blob storage and Azure File storage. You need to use AzCopy to copy data to the blob storage and file storage in storage1.

Which authentication method should you use for each type of storage? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Blob storage:

- ☐ Azure Active Directory (Azure AD) only
- ☐ Shared access signatures (SAS) only
- ☐ Access keys and shared access signatures (SAS) only
- ☐ Azure Active Directory (Azure AD) and shared access signatures (SAS) only
- ☐ Azure Active Directory (Azure AD), access keys, and shared access signatures (SAS)

File storage:

- ☐ Azure Active Directory (Azure AD) only
- ☐ Shared access signatures (SAS) only
- ☐ Access keys and shared access signatures (SAS) only
- ☐ Azure Active Directory (Azure AD) and shared access signatures (SAS) only
- ☐ Azure Active Directory (Azure AD), access keys, and shared access signatures (SAS)

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

You can provide authorization credentials by using Azure Active Directory (AD), or by using a Shared Access Signature (SAS) token.

Box 1:

Both Azure Active Directory (AD) and Shared Access Signature (SAS) token are supported for Blob storage. Box 2:

Only Shared Access Signature (SAS) token is supported for File storage. Reference:

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

#### NEW QUESTION 84

- (Exam Topic 5)

You create a Recovery Services vault backup policy named Policy1 as shown in the following exhibit:

Policy1

Associated items

Delete

Save

Discard

Backup schedule

Frequency

Time

Timezone

Daily

11:00 PM

(UTC) Coordinated Universal Time

Retention range

Retention of daily backup point

At

For

11:00 PM

30

Day(s)

Retention of weekly backup point

On

At

For

Sunday

11:00 PM

10

Week(s)

Retention of monthly backup point

Week Based

Day Based

On

At

For

1

11:00 PM

36

Month(s)

Retention of yearly backup point

Week Based

Day Based

In

On

At

For

March

1

11:00 PM

10

Year(s)

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 backup that occurs on Sunday, March 1, will be retained for [answer choice].

30 days

10 weeks

36 months

10 years

The backup that occurs on Sunday, November 1, will be retained for [answer choice].

30 days

10 weeks

36 months

10 years

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: 10 years  
The yearly backup point occurs to 1 March and its retention period is 10 years. Box 2: 36 months  
The monthly backup point occurs on the 1st of every month and its retention period is 36 months.

NEW QUESTION 86

- (Exam Topic 5)  
You have an Azure subscription named Subscription1 that contains a virtual network named VNet1. You add the users in the following table.

User	Role
User1	Owner
User2	Security Admin
User3	Network Contributor

Which2? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

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Add a subnet to VNet1:

User1 only  
User3 only  
User1 and User3 only  
User2 and User3 only  
User1, User2, and User3

Assign a user the Reader role to VNet1:

User1 only  
User2 only  
User3 only  
User1 and User2 only  
User2 and User3 only  
User1, User2, and User3

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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

NEW QUESTION 90

- (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 91

- (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 93

- (Exam Topic 5)

You have an Azure subscription.

You plan to use Azure Resource Manager templates to deploy 50 Azure virtual machines that will be part of the same availability set.

You need to ensure that as many virtual machines as possible are available if the fabric fails or during servicing.

How should you configure the template? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
{
  "$schema": "https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json",
  "contentVersion": "1.0.0.0",
  "parameters": {},
  "resources": [
    {
      "type": "Microsoft.Compute/availabilitySets",
      "name": "ha",
      "apiVersion": "2017-12-01",
      "location": "eastus",
      "properties": {
        "platformFaultDomainCount": 
        "platformUpdateDomainCount": 
      }
    }
  ]
}
```

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Box 1 = max value

Box 2 = 20

Use max for platformFaultDomainCount 2 or 3 is max value, depending on which region you are in. Use 20 for platformUpdateDomainCount

Increasing the update domain (platformUpdateDomainCount) helps with capacity and availability planning when the platform reboots nodes. A higher number for the pool (20 is max) means that fewer of their nodes in any given availability set would be rebooted at once.

References:

<https://www.itprotoday.com/microsoft-azure/check-if-azure-region-supports-2-or-3-fault-domains-managed-disk> <https://github.com/Azure/acs-engine/issues/1030>

### NEW QUESTION 95

- (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 97

- (Exam Topic 5)

You have an Azure subscription named Subscription1 that contains the following resource group:

- > Name: RG1
- > Region: West US
- > Tag: "tag1": "value1"

You assign an Azure policy named Policy1 to Subscription1 by using the following configurations:

- > Exclusions: None
- > Policy definition: Append tag and its default value



- > Assignment name: Policy1
- > Parameters:
  - Tag name: Tag2
  - Tag value: Value2

After Policy1 is assigned, you create a storage account that has the following configurations:

- > Name: storage1
- > Location: West US
- > Resource group: RG1
- > Tags: "tag3": "value3"

You need to identify which tags are assigned to each resource.  
What should you identify? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Tags assigned to RG1:

"tag1": "value1" only
"tag2": "value2" only
"tag1": "value1" and "tag2": "value2"

Tags assigned to storage1:

"tag3": "value3" only
"tag1": "value1" and "tag3": "value3"
"tag2": "value2" and "tag3": "value3"
"tag1": "value1", "tag2": "value2", and "tag3": "value3"

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: "tag1": "value1" only  
Box 2: "tag2": "value2" and "tag3": "value3"  
Tags applied to the resource group are not inherited by the resources in that resource group. References:  
<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

**NEW QUESTION 99**

- (Exam Topic 5)  
You have an Azure subscription named Subscription1. Subscription1 contains a virtual machine named VM1. You install and configure a web server and a DNS server on VM1.  
VM1 has the effective network security rules shown in the following exhibit.

**Network Interface: vm1900** Effective security rules Topology   
 Virtual network/subnet: VMRG-vnet/default Public IP: 104.40.215.211 Private IP: 10.0.0.5 Accelerated  
 networking: Disabled

#### INBOUND PORT RULES

Network security group VM1-nsg (attached to network interface: vm1900) [Add inbound port rule](#)  
 Impacts 0 subnets, 1 network interfaces

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
900	 Rule2	50-60	Any	Any	Any	 Deny ...
1000	 default-allow-rdp	3389	TCP	Any	Any	 Allow ...
1010	Rule1	50-500	TCP	Any	Any	 Allow ...
65000	AllowVnetInBound	Any	Any	VirtualNet...	VirtualNet...	 Allow ...
65001	AllowAzureLoadBalan...	Any	Any	AzureLoad...	Any	 Allow ...
65500	DenyAllInBound	Any	Any	Any	Any	 Deny ...

#### OUTBOUND PORT RULES

Network security group VM1-nsg (attached to network interface: vm1900) [Add outbound port](#)  
 Impacts 0 subnets, 1 network interfaces

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
1000	Rule3	80	Any	Any	Any	 Deny ...
65000	AllowVnetOutBound	Any	Any	VirtualNet...	VirtualNet...	 Allow ...
65001	AllowInternetOutBou...	Any	Any	Any	Internet	 Allow ...
65500	DenyAllOutBound	Any	Any	Any	Any	 Deny ...

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.

Internet users [answer choice].

- ▼
- can connect to only the DNS server on VM1
  - can connect to only the web server on VM1
  - can connect to the web server and the DNS server on VM1
  - cannot connect to the web server and the DNS server on VM1

If you delete Rule2, Interent users [answer choice].

- ▼
- can connect to only the DNS server on VM1
  - can connect to only the web server on VM1
  - can connect to the web server and the DNS server on VM1
  - cannot connect to the web server and the DNS server on VM1

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Box 1:

Rule2 blocks ports 50-60, which includes port 53, the DNS port. Internet users can reach the Web server, since it uses port 80.

Box 2:

If Rule2 is removed internet users can reach the DNS server as well.

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. As a result, any rules that exist with lower priorities (higher numbers) that have the same attributes as rules with higher priorities are not processed.

References:

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

#### NEW QUESTION 100

- (Exam Topic 4)

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

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

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

self-signed certificate.

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

You need to ensure that you can establish a point-to-site VPN connection to VNet1 from Computer2. Solution: You export the client certificate from Computer1 and install the certificate on Computer2. Does this meet this goal?

- A. Yes
- B. No

**Answer:** A

**Explanation:**

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

References:

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

**NEW QUESTION 104**

- (Exam Topic 4)

You create an App Service plan named plan1 and an Azure web app named webapp1. You discover that the option to create a staging slot is unavailable. You need to create a staging slot for plan1.

What should you do first?

- A. From webapp1, modify the Application settings.
- B. From webapp1, add a custom domain.
- C. From plan1, scale up the App Service plan.
- D. From plan1, scale out the App Service plan.

**Answer:** C

**Explanation:**

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. Reference:

<https://docs.microsoft.com/en-us/azure/app-service/manage-scale-up>

**NEW QUESTION 106**

- (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 108**

- (Exam Topic 4)

You have an Azure Linux virtual machine that is protected by Azure Backup. One week ago, two files were deleted from the virtual machine.

You need to reses clients connect n on-premises computer as quickly as possible.

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

Actions		Answer Area
Mount a VHD.		
Copy the files by using File Explorer.		
Download and run a script.		
Select a restore point.		
Copy the files by using AZCopy.		
From the Azure portal, click <b>Restore VM</b> from the vault.		
From the Azure portal, click <b>File Recovery</b> from the vault.		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

To restore files or folders from the recovery point, go to the virtual machine and choose the desired recovery point.  
Step 0. In the virtual machine's menu, click Backup to open the Backup dashboard. Step 1. In the Backup dashboard menu, click File Recovery.  
Step 2. From the Select recovery point drop-down menu, select the recovery point that holds the files you want. By default, the latest recovery point is already selected.  
Step 3: To download the software used to copy files from the recovery point, click Download Executable (for Windows Azure VM) or Download Script (for Linux Azure VM, a python script is generated).  
Step 4: Copy the files by using AzCopy  
AzCopy is a command-line utility designed for copying data to/from Microsoft Azure Blob, File, and Table storage, using simple commands designed for optimal performance. You can copy data between a file system and a storage account, or between storage accounts.  
References:  
<https://docs.microsoft.com/en-us/azure/backup/backup-azure-restore-files-from-vm> <https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy>

NEW QUESTION 110

- (Exam Topic 4)  
You plan to deploy an Azure container instance by using the following Azure Resource Manager template.

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



```

    },
    "environmentVariables": {},
    "resources": {
      "requests": {
        "memoryInGB": 1.5,
        "cpu": 1
      }
    }
  },
  "restartPolicy": "OnFailure",
  "ipAddress": {
    "ports": [
      {
        "protocol": "TCP",
        "port": 80
      }
    ]
  },
  "ip": "[parameters('IPAddress')]",
  "type": "Public"
},
{
  "protocol": "TCP",
  "port": 80
},
{
  "ip": "[parameters('IPAddress')]",
  "type": "Public"
},
{
  "osType": "Windows"
}

```

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

Internet users [answer choice].

can connect to the container from any device  
 cannot connect to the container  
 can only connect to the container from devices that run Windows

If Internet Information Services (IIS) in the container fail, [answer choice].

the container will restart automatically  
 the container will only restart manually  
 the container must be redeployed

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: can connect to the container from any device

In the policy "osType": "window" refer that it will create a container in a container group that runs Windows but it won't block access depending on device type.

Box 2: the container will restart automatically

Docker provides restart policies to control whether your containers start automatically when they exit, or wh Docker restarts. Restart policies ensure that linked containers are started in the correct order. Docker recommends that you use restart policies, and avoid using process managers to start containers.

on-failure : Restart the container if it exits due to an error, which manifests as a non-zero exit code. As the flag is mentioned as "on-failure" in the policy, so it will restart automatically

Reference:

<https://docs.microsoft.com/en-us/cli/azure/container?view=azure-cli-latest> <https://docs.docker.com/config/containers/start-containers-automatically/>

**NEW QUESTION 114**

- (Exam Topic 4)

You plan to use the Azure Import/Export service to copy files to a storage account.

Which two files should you create before you prepare the drives for the import job? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. an XML manifest file
- B. a driveset CSV file
- C. a dataset CSV file
- D. a PowerShell PS1 file
- E. a JSON configuration file



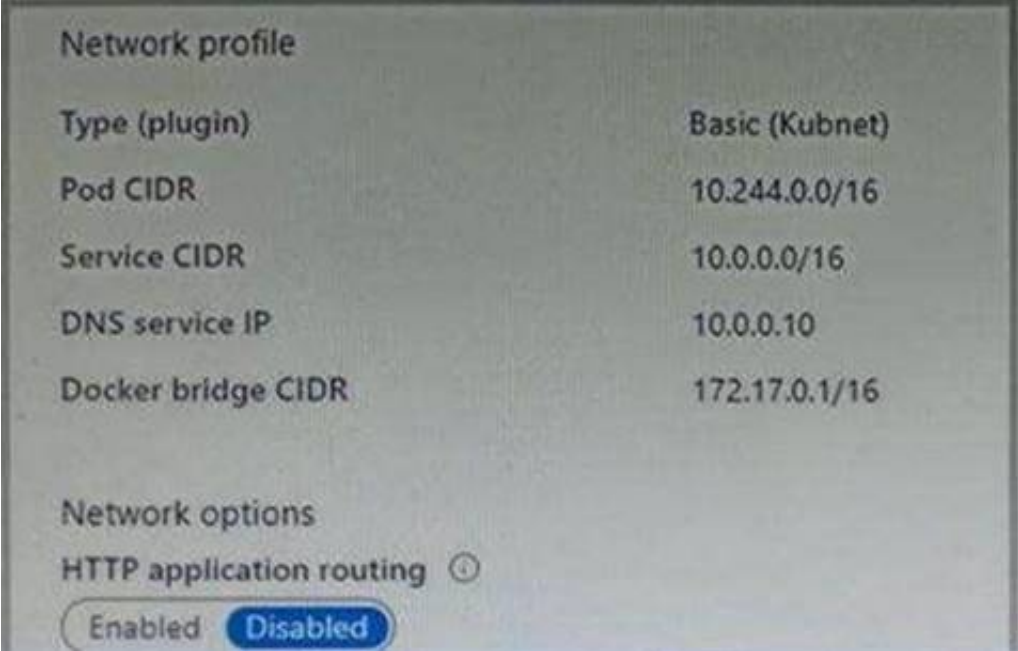
Answer: BC

Explanation:

B: Modify the driveset.csv file in the root folder where the tool resides.  
C: Modify the dataset.csv file in the root folder where the tool resides. Depending on whether you want to import a file or folder or both, add entries in the dataset.csv file  
References: <https://docs.microsoft.com/en-us/azure/storage/common/storage-import-export-data-to-files>

NEW QUESTION 119

- (Exam Topic 4)  
You deploy an Azure Kubernetes Service (AKS) cluster that has the network profile 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.

Containers will be assigned an IP address in the [answer choice] subnet.

10.244.0.0/16

10.0.0.0/16

172.17.0.1/16

Services in the AKS cluster will be assigned an IP address in the [answer choice] subnet.

10.244.0.0/16

10.0.0.0/16

172.17.0.1/16

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1 : Containers will get the IP address from the virtual network subnet CIDr which is 10.244.0.0/16  
Box 2 : Services in the AKS cluster will be assigned an IP address in the service CIDR which is 10.0.0.0/16  
Reference: <https://docs.microsoft.com/en-us/azure/aks/configure-azure-cni>

NEW QUESTION 120

- (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 125

- (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	Not applicable
RG2	Resource group	West Europe	Not applicable
RG3	Resource group	North Europe	Not applicable
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

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**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 128**

- (Exam Topic 4)

You need to identify which storage account to use for the flow logging of IP traffic from VM5. The solution must meet the retention requirements. Which storage account should you identify?

- A. storage4
- B. storage1
- C. storage2
- D. storage3

**Answer: B**

**NEW QUESTION 130**

- (Exam Topic 4)

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

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

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

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

NOTE: Each correct selection is worth one point.

When Microsoft performs planned maintenance in East US 2, the maximum number of unavailable virtual machines will be [answer choice].

2

7

10

14

If the server rack in the Azure datacenter that hosts WEBPROD-AS-USE2 experiences a power failure, the maximum number of unavailable virtual machines will be [answer choice].

2

7

10

14

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: 2

There are 10 update domains. The 14 VMs are shared across the 10 update domains so four update domains will have two VMs and six update domains will have one VM. Only one update domain is rebooted at a time.

Therefore, a maximum of two VMs will be offline. Box 2: 7

There are 2 fault domains. The 14 VMs are shared across the 2 fault domains, so 7 VMs in each fault domain. A rack failure will affect one fault domain so 7 VMs



will be offline.  
Reference:  
<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>

NEW QUESTION 134

- (Exam Topic 4)  
You plan to create an Azure virtual machine named VM1 that will be configured as shown in the following exhibit.  
The planned disk configurations for VM1 are shown in the following exhibit.

Create a virtual machine

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

BasicsDisksNetworkingManagementAdvancedTagsReview + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image.  
Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization.  
Looking for classic VMs? [Create VM from Azure Marketplace](#)

PROJECT DETAILS

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

\* Subscription ⓘ

MyDev-Test Subscription

└─ \* Resource group ⓘ

RG1

[Create new](#)

INSTANCE DETAILS

\* Virtual machine name ⓘ

VM1

\* Region ⓘ

(US) West US 2

Availability options ⓘ

No infrastructure redundancy required

\* Image ⓘ

Windows Server 2016 Datacenter

[Browse all public and private images](#)

Azure Spot instance ⓘ

☐ Yes ☒ No

\* Size ⓘ

Standard DS1 v2

1 vcpu, 3.5 GiB memory (ZAR 632.47/month)

[Change size](#)

The planned disk configurations for VM1 are shown in the following exhibit.



[Basics](#)
[Disks](#)
[Networking](#)
[Management](#)
[Advanced](#)
[Tags](#)
[Review + create](#)

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

**Disk options**

\* OS disk type ⓘ Standard HDD ▼

The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Enable Ultra Disk compatibility (Preview) ⓘ ☐ Yes ☒ No  
 Ultra Disks are only available when using Managed Disks.

**Data disks**

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

ⓘ Adding unmanaged data disks is currently not supported at the time of VM creation. You can add them after the VM is created.

[Basics](#)
[Disks](#)
[Networking](#)
[Management](#)
[Advanced](#)
[Tags](#)
[Review + create](#)

^ **Advanced**

Use managed disks ⓘ ☒ No ☐ Yes

\* Storage account ⓘ (new) rg1 disks799 ▼  
[Create new](#)

[Basics](#)
[Disks](#)
[Networking](#)
[Management](#)
[Advanced](#)
[Tags](#)
[Review + create](#)

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

**Disk options**

\* OS disk type ⓘ Standard HDD ▼

The selected VM size supports premium disks. We recommend Premium SSD for high IOPS workloads. Virtual machines with Premium SSD disks qualify for the 99.9% connectivity SLA.

Enable Ultra Disk compatibility (Preview) ⓘ ☐ Yes ☒ No  
 Ultra Disks are only available when using Managed Disks.

**Data disks**

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

ⓘ Adding unmanaged data disks is currently not supported at the time of VM creation. You can add them after the VM is created.

[Basics](#)
[Disks](#)
[Networking](#)
[Management](#)
[Advanced](#)
[Tags](#)
[Review + create](#)

^ **Advanced**

Use managed disks ⓘ ☒ No ☐ Yes

\* Storage account ⓘ (new) rg1 disks799 ▼  
[Create new](#)

You need to ensure that VM1 can be created in an Availability Zone.  
 Which two settings should you modify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Use managed disks
- B. Availability options
- C. OS disk type
- D. Size
- E. Image

**Answer:** AC

**Explanation:**  
 Reference:

<https://docs.microsoft.com/en-us/azure/site-recovery/move-azure-vms-avset-azone> <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/create-portal-availability-zone>

NEW QUESTION 138

- (Exam Topic 4)

You implement the planned changes for NSG1 and NSG2.

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

Answer Area

Statements	Yes	No
From VM1, you can establish a Remote Desktop session to VM2.	<input type="radio"/>	<input type="radio"/>
From VM2, you can ping VM3.	<input type="radio"/>	<input type="radio"/>
From VM2, you can establish a Remote Desktop session to VM3.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

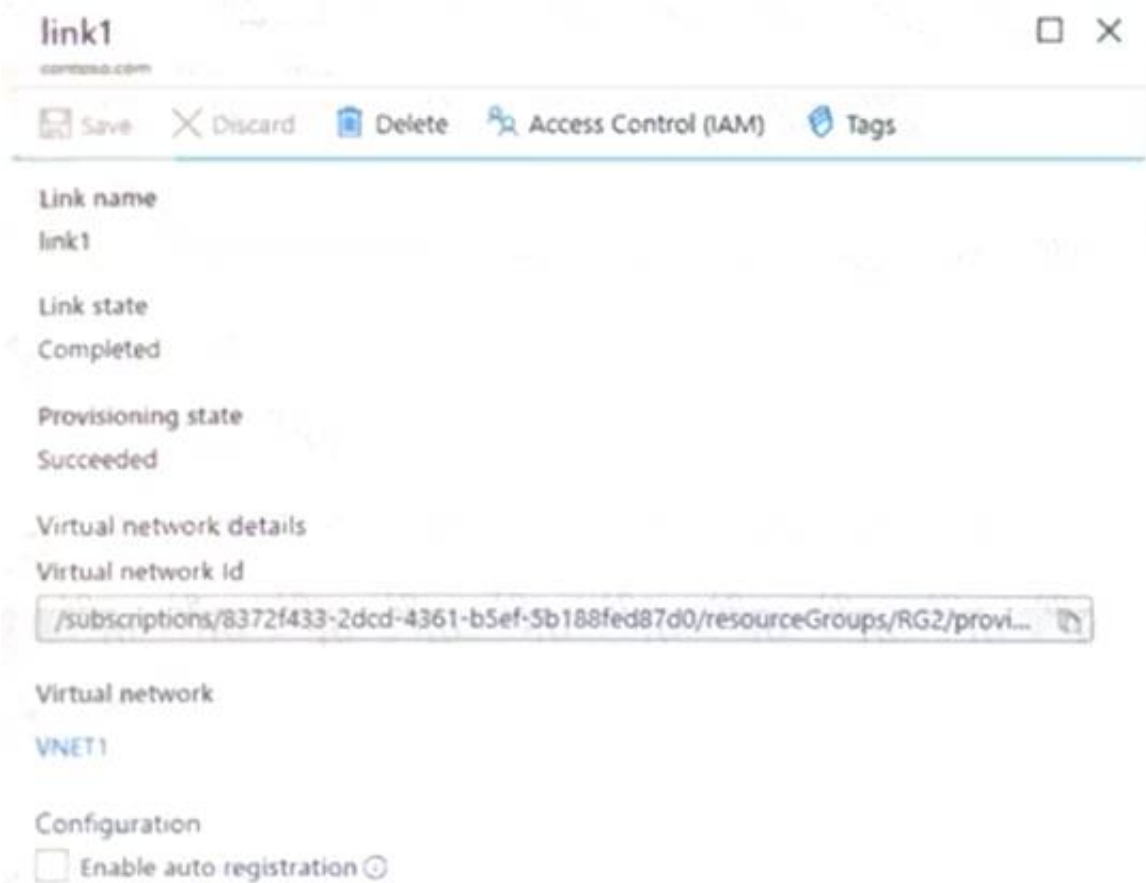
NEW QUESTION 143

- (Exam Topic 4)

You have Azure virtual machines that run Windows Server 2019 and are configured as shown in the following table.

Name	Virtual network name	DNS suffix configured in Windows Server
VM1	VNET1	Contoso.com
VM2	VNET2	Contoso.com

You create a public Azure DNS zone named adatum.com and a private Azure DNS zone named contoso.com. For contoso.com, you create a virtual network link named link1 as shown in the exhibit. (Click the Exhibit tab.)



You discover that VM1 can resolve names in contoso.com but cannot resolve names in adatum.com. VM1 can resolve other hosts on the internet. You need to ensure that VM1 can resolve host names in adatum.com. What should you do?

- A. Update the DNS suffix on VM1 to be adatum.com.
- B. Create an SRV record in the contoso.com zone.
- C. Configure the name servers for adatum.com at the domain registrar.
- D. Modify the Access control (IAM) settings for link1.

Answer: C

Explanation:

Adatum.com is a public DNS zone. The Internet top level domain DNS servers need to know which DNS servers to direct DNS queries for adatum.com to. You configure this by configuring the name servers for adatum.com at the domain registrar. Reference: <https://docs.microsoft.com/en-us/azure/dns/dns-getstarted-portal>

**NEW QUESTION 146**

- (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:

▼

storage1 only

storage2 only

storage3 only

storage1, storage2, and storage3

Log Analytics workspaces:

▼

Analytics1 only

Analytics2 only

Analytics3 only

Analytics1, Analytics2, and Analytics3

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

Box 1: storage3 only

Vault1 and storage3 are both in West Europe.

Box 2: Analytics1, Analytics2, Analytics3 <https://docs.microsoft.com/en-us/azure/backup/backup-create-rs-vault> <https://docs.microsoft.com/de-de/azure/backup/configure-reports>

**NEW QUESTION 147**

- (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 152**

- (Exam Topic 3)

You need to identify the storage requirements for Contoso.

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
Contoso requires a storage account that supports Blob storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure Table storage.	<input type="radio"/>	<input type="radio"/>
Contoso requires a storage account that supports Azure File Storage.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
 B. Not Mastered

**Answer:** A

**Explanation:**

Statement 1: Yes

Contoso is moving the existing product blueprint files to Azure Blob storage which will ensure that the blueprint files are stored in the archive storage tier. Use unmanaged standard storage for the hard disks of the virtual machines. We use Page Blobs for these. Statement 2: No

Azure Table storage stores large amounts of structured data. The service is a NoSQL datastore which accepts authenticated calls from inside and outside the Azure cloud. Azure tables are ideal for storing structured, non-relational data. Common uses of Table storage include:

- \* 1. Storing TBs of structured data capable of serving web scale applications
- \* 2. Storing datasets that don't require complex joins, foreign keys, or stored procedures and can be denormalized for fast access
- \* 3. Quickly querying data using a clustered index
- \* 4. Accessing data using the OData protocol and LINQ queries with WCF Data Service .NET Libraries

Statement 3: No

File Storage can be used if your business use case needs to deal mostly with standard File extensions like

\*.docx, \*.png and \*.bak then you should probably go with this storage option.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/move-data-to-azure-blob-us> <https://docs.microsoft.com/en-us/azure/storage/tables/table-storage-overview> <https://www.serverless360.com/blog/azure-blob-storage-vs-file-storage>

**NEW QUESTION 155**

- (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 156**

- (Exam Topic 3)

You need to configure the Device settings to meet the technical requirements and the user requirements. Which two settings should you modify? To answer, select the appropriate settings in the answer area.



## Answer Area

 Save  Discard

Users may join devices to Azure AD ⓘ

All Selected None

Selected

No member selected

Additional local administrators on Azure AD joined devices ⓘ

Selected None

Selected

No member selected

Users may register their devices with Azure AD ⓘ

All None

Require Multi-Factor Auth to join devices ⓘ

Yes No

Maximum number of devices per user ⓘ

50

Users may sync settings and app data across devices ⓘ

All Selected None

Selected

No member selected

- A. Mastered  
B. Not Mastered

**Answer:** A

### Explanation:

Box 1: Selected

Only selected users should be able to join devices

Box 2: Yes

Require Multi-Factor Auth to join devices. From scenario:

- Ensure that only users who are part of a group named Pilot can join devices to Azure AD
- Ensure that when users join devices to Azure Active Directory (Azure AD), the users use a mobile phone to verify their identity.

### NEW QUESTION 157

- (Exam Topic 2)

You need to define a custom domain name for Azure AD to support the planned infrastructure. Which domain name should you use?

- A. Join the client computers in the Miami office to Azure AD.  
B. Add <http://autologon.microsoftazuread-sso.com> to the intranet zone of each client computer in the Miami office.  
C. Allow inbound TCP port 8080 to the domain controllers in the Miami office.  
D. Install Azure AD Connect on a server in the Miami office and enable Pass-through Authentication  
E. Install the Active Directory Federation Services (AD FS) role on a domain controller in the Miami office.

**Answer:** BD

### Explanation:

Every Azure AD directory comes with an initial domain name in the form of domainname.onmicrosoft.com. The initial domain name cannot be changed or deleted, but you can add your corporate domain name to Azure AD as well. For example, your organization probably has other domain names used to do business and users who sign in using your corporate domain name. Adding custom domain names to Azure AD allows you to assign user names in the directory that are familiar to your users, such as 'alice@contoso.com.' instead of 'alice@domain name.onmicrosoft.com'.

Scenario:

Network Infrastructure: Each office has a local data center that contains all the servers for that office. Each office has a dedicated connection to the Internet. Humongous Insurance has a single-domain Active Directory forest named humongousinsurance.com  
Planned Azure AD Infrastructure: The on-premises Active Directory domain will be synchronized to Azure AD.  
References: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/add-custom-domain>

#### NEW QUESTION 158

- (Exam Topic 2)

You need to prepare the environment to meet the authentication requirements.

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

- A. Allow inbound TCP port 8080 to the domain controllers in the Miami office.
- B. Add <http://autogon.microsoftazuread-sso.com> to the intranet zone of each client computer in the Miami office.
- C. Join the client computers in the Miami office to Azure AD.
- D. Install the Active Directory Federation Services (AD FS) role on a domain controller in the Miami office.
- E. Install Azure AD Connect on a server in the Miami office and enable Pass-through Authentication.

**Answer:** BE

#### Explanation:

B: You can gradually roll out Seamless SSO to your users. You start by adding the following Azure AD URL to all or selected users' Intranet zone settings by using Group Policy in Active Directory: <https://autologon.microsoftazuread-sso.com>

E: Seamless SSO works with any method of cloud authentication - Password Hash Synchronization or Pass-through Authentication, and can be enabled via Azure AD Connect.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sso-quick-start>

#### NEW QUESTION 160

- (Exam Topic 2)

You need to prepare the environment to ensure that the web administrators can deploy the web apps as quickly as possible.

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

From the Templates service, select the template, and then share the template to the web administrators.

Create a resource group, and then deploy a web app to the resource group.

From the Automation script blade of the resource group, click the **Parameters** tab.

From the Automation script blade of the resource group, click **Deploy**.

From the Automation Accounts service, add an automation account.

From the Automation script blade of the resource group, click **Add to library**.



- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Scenario:

- \* 1. Web administrators will deploy Azure web apps for the marketing department.
- \* 2. Each web app will be added to a separate resource group.
- \* 3. The initial configuration of the web apps will be identical.
- \* 4. The web administrators have permission to deploy web apps to resource groups. Steps:
  - \* 1 --> Create a resource group, and then deploy a web app to the resource group.
  - \* 2 --> From the Automation script blade of the resource group , click Add to Library.
  - \* 3 --> From the Templates service, select the template, and then share the template to the web administrators .

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/templates/quickstart-create-templates-use-the-p>

#### NEW QUESTION 162

- (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 164

- (Exam Topic 6)  
Note: This question is part of a series of questions that present the same scenario goals. Some question sets might have more than one correct solution, while others  
ion in the series contains a unique solution that might meet the stated 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 web app named Appl. App1 runs in an Azure App Service plan named Plan1. Plan1 is associated to the Free pricing tier.  
You discover that App1 stops each day after running continuously for 60 minutes. You need to ensure that App1 can run continuously for the entire day.  
Solution: You add a triggered WebJob to App1. Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

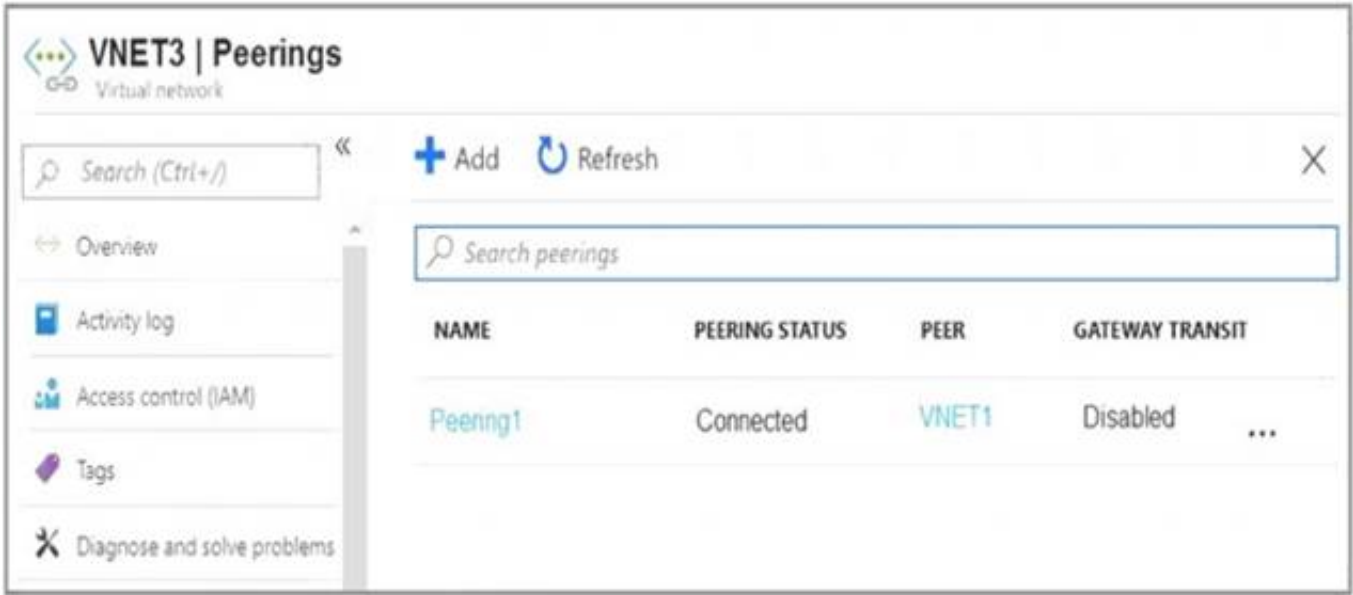
You need to change to Basic pricing Tier.  
Note: The Free Tier provides 60 CPU minutes / day. This explains why App1 is stops. The Basic tier has no such cap.  
References:  
<https://azure.microsoft.com/en-us/pricing/details/app-service/windows/>

NEW QUESTION 168

- (Exam Topic 6)  
Peering for VNET2 is configured as shown in the following exhibit.

VNET2   Peerings				
Virtual network				
<div>Search (Ctrl+ /)</div> <div>Overview</div> <div>Activity log</div> <div>Access control (IAM)</div> <div>Tags</div> <div>Diagnose and solve problems</div>				
<div>+ Add</div> <div>Refresh</div> <div>Search peerings</div>				
NAME	PEERING STATUS	PEER	GATEWAY TRANSIT	
Peering1	Connected	VNET1	Disabled	...

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



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 170**

- (Exam Topic 5)  
 You have a virtual network named VNET1 that contains the subnets shown in the following table:

Name	Subnet	Network security group (NSG)
Subnet1	10.10.1.0/24	NSG1
Subnet2	10.10.2.0/24	None

You have two Azure virtual machines that have the network configurations shown in the following table:

Name	Subnet	IP address	NSG
VM1	Subnet1	10.10.1.5	NSG2
VM2	Subnet2	10.10.2.5	None
VM3	Subnet2	10.10.2.6	None

For NSG1, you create the inbound security rule shown in the following table:

Priority	Source	Destination	Destination port	Action
101	10.10.2.0/24	10.10.1.0/24	TCP/1433	Allow

For NSG2, you create the inbound security rule shown in the following table:

Priority	Source	Destination	Destination port	Action
125	10.10.2.5	10.10.1.5	TCP/1433	Block

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
VM2 can connect to the TCP port 1433 services on VM1.	<input type="radio"/>	<input type="radio"/>
VM1 can connect to the TCP port 1433 services on VM2.	<input type="radio"/>	<input type="radio"/>
VM2 can connect to the TCP port 1433 services on VM3.	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

Box 1: Yes

The inbound security rule for NSG1 allows TCP port 1433 from 10.10.2.0/24 (or Subnet2 where VM2 and VM3 are located) to 10.10.1.0/24 (or Subnet1 where VM1 is located) while the inbound security rule for NSG2 blocks TCP port 1433 from 10.10.2.5 (or VM2) to 10.10.1.5 (or VM1). However, the NSG1 rule has a higher priority (or lower value) than the NSG2 rule.

Box 2: Yes

No rule explicitly blocks communication from VM1. The default rules, which allow communication, are thus applied.

Box 3: Yes

No rule explicitly blocks communication between VM2 and VM3 which are both on Subnet2. The default rules, which allow communication, are thus applied.

Reference:

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

**NEW QUESTION 171**

- (Exam Topic 5)

You have an Azure Active Directory (Azure AD) tenant named contoso.onmicrosoft.com that contains 100 user accounts.

You purchase 10 Azure AD Premium P2 licenses for the tenant.

You need to ensure that 10 users can use all the Azure AD Premium features. What should you do?

- A. From the Groups blade of each user, invite the users to a group.  
B. From the Licenses blade of Azure AD, assign a license.  
C. From the Directory role blade of each user, modify the directory role.  
D. From the Azure AD domain, add an enterprise application.

**Answer:** B

**Explanation:**

Many Azure Active Directory (Azure AD) services require you to license each of your users or groups (and associated members) for that service. Only users with active licenses will be able to access and use the licensed Azure AD services for which that's true. Licenses are applied per tenant and do not transfer to other tenants.

Not all Microsoft services are available in all locations. Before a license can be assigned to a group, you must specify the Usage location for all members. You can set this value in the Azure Active Directory > Users > Profile > Settings area in Azure AD. Any user whose usage location is not specified inherits the location of the Azure AD organization.

You can add the licensing rights to users or to an entire group. Check the reference link for the steps. References: <https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/license-users-groups>

**NEW QUESTION 176**

- (Exam Topic 5)

You purchase a new Azure subscription named Subscription1.

You create a virtual machine named VM1 in Subscription1. VM1 is not protected by Azure Backup.

You need to protect VM1 by using Azure Backup. Backups must be created at 01:00 and stored for 30 days. What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Location in which to store the backups:	<div><div></div><div>A blob container</div><div>A file share</div><div>A Recovery Services vault</div><div>A storage account</div></div>
Object to use to configure the protection for VM1:	<div><div></div><div>A backup policy</div><div>A batch job</div><div>A batch schedule</div><div>A recovery plan</div></div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Box 1: A Recovery Services vault  
A Recovery Services vault is an entity that stores all the backups and recovery points you create over time. Box 2: A backup policy  
What happens when I change my backup policy?  
When a new policy is applied, schedule and retention of the new policy is followed. References:  
<https://docs.microsoft.com/en-us/azure/backup/backup-configure-vault> <https://docs.microsoft.com/en-us/azure/backup/backup-azure-backup-faq>  
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 such as IaaS VMs (Linux or Windows) and Azure SQL databases.  
You can use backup policy to configure schedule.  
<https://docs.microsoft.com/en-us/azure/backup/backup-azure-recovery-services-vault-overview><https://docs.micr>

NEW QUESTION 180

- (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 virtual machine named VM1 that runs Windows Server 2016.  
You need to create an alert in Azure when more than two error events are logged to the System log on VM1 within an hour.  
Solution: You create an Azure Log Analytics workspace and configure the data settings. You add an extension to VM1. You create an alert in Azure Monitor and specify the Log Analytics workspace as the source.  
Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Instead: You create an Azure Log Analytics workspace and configure the data settings. You install the Microsoft Monitoring Agent on VM1. You create an alert in Azure Monitor and specify the Log Analytics workspace as the source.  
Reference:  
<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/agents-overview>

NEW QUESTION 184

- (Exam Topic 4)  
You have a sync group that has the endpoints shown in the following table.

Name	Type
Endpoint1	Cloud endpoint
Endpoint2	Server endpoint
Endpoint3	Server endpoint

Cloud tiering is enabled for Endpoint3.  
You add a file named File1 to Endpoint1 and a file named File2 to Endpoint2.  
You need to identify on which endpoints File1 and File2 will be available within 24 hours of adding the files. What should you identify? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

File1:

▼

Endpoint1only

Endpoint3 only

Endpoint2 and Endpoint3 only

Endpoint1, Endpoint2, and Endpoint3

File2:

▼

Endpoint1only

Endpoint3 only

Endpoint2 and Endpoint3 only

Endpoint1, Endpoint2, and Endpoint3

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

File1: Endpoint3 only

Cloud Tiering: A switch to enable or disable cloud tiering. When enabled, cloud tiering will tier files to your Azure file shares. This converts on-premises file shares into a cache, rather than a complete copy of the dataset, to help you manage space efficiency on your server. With cloud tiering, infrequently used or accessed files can be tiered to Azure Files.

File2: Endpoint1, Endpoint2, and Endpoint3 References:

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

**NEW QUESTION 185**

- (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 virtual machine named VM1 that runs Windows Server 2016.

You need to create an alert in Azure when more than two error events are logged to the System log on VM1 within an hour.

Solution: You create an event subscription on VM1. You create an alert in Azure Monitor and specify VM1 as the source.

Does this meet the goal?

A. Yes

B. No

**Answer: B**

**Explanation:**

Instead: You create an Azure Log Analytics workspace and configure the data settings. You install the Microsoft Monitoring Agent on VM1. You create an alert in Azure Monitor and specify the Log Analytics workspace as the source.

References:

<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/agents-overview>

**NEW QUESTION 186**

- (Exam Topic 4)

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

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

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

Solution: You instruct User2 to create the user accounts.

A. Yes

B. No

**Answer: A**

**Explanation:**

Only a global administrator can add users to this tenant. References:

<https://docs.microsoft.com/en-us/azure/devops/organizations/accounts/add-users-to-azure-ad>

**NEW QUESTION 189**

- (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.

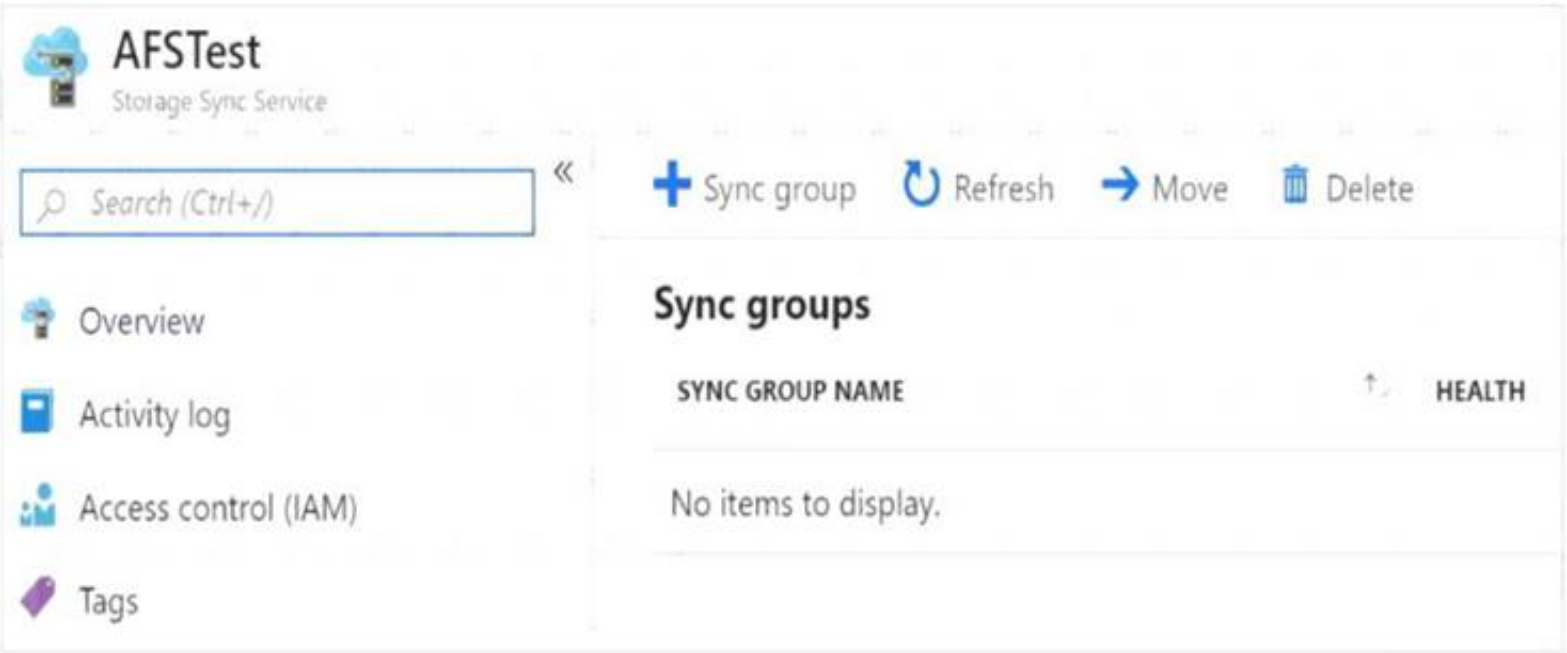
First action: Create a Storage Sync Service  
 The deployment of Azure File Sync starts with placing a Storage Sync Service resource into a resource group of your selected subscription.



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 190

- (Exam Topic 4)

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

Name	Role
User1	Cloud device administrator
User2	User administrator

Contoso.com includes following Windows 10 devices:

Name	Join type
Device1	Azure AD registered
Device2	Azure AD joined

You create following security groups in Contoso.com:

Name	Join type	Owner
Group1	Assigned	User1
Group2	Dynamic Device	User2

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

Statements	Yes	No
User1 can add Device2 to Group1	<input type="radio"/>	<input type="radio"/>
User2 can add Device1 to Group1	<input type="radio"/>	<input type="radio"/>
User2 can add Device2 to Group2	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

#### Explanation:

Box 1: Yes

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

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

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

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

Box 2: No

User2 is a User Administrator. Device1 is Azure AD registered.

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

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

Box 3: Yes

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

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

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

#### NEW QUESTION 195

- (Exam Topic 4)

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

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

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

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

You need to ensure that you can establish a point-to-site VPN connection to VNet1 from Computer2. Solution: You modify the Azure Active Directory (Azure AD) authentication policies.

Does this meet this goal?

- A. Yes
- B. No

**Answer:** B

#### Explanation:

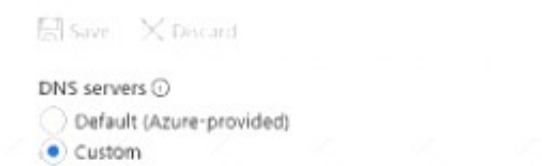
Instead export the client certificate from Computer1 and install the certificate on Computer2. Note:  
Each client computer that connects to a VNet using Point-to-Site must have a client certificate installed. You generate a client certificate from the self-signed root certificate, and then export and install the client certificate. If the client certificate is not installed, authentication fails.  
Reference:  
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-certificates-point-to-site>

**NEW QUESTION 196**

- (Exam Topic 4)  
You have the Azure virtual machines shown in the following table.

Name	IP address	Connected to
VM1	10.1.0.4	VNET1/Subnet1
VM2	10.1.10.4	VNET1/Subnet2
VM3	172.16.0.4	VNET2/SubnetA
VM4	10.2.0.8	VNET3/SubnetB

A DNS service is install on VM1.  
You configure the DNS server settings for each virtual network as shown in the following exhibit.



You need 10 ensure that all the virtual machines can resolve DNS names by using the DNS service on VM1. What should you do?

- A. Add service endpoints on VNET2 and VNET3.
- B. Configure peering between VNE11, VNETT2, and VNET3.
- C. Configure a conditional forwarder on VM1
- D. Add service endpoints on VNET1.

**Answer: B**

**Explanation:**

An Azure AD DS DNS zone should only contain the zone and records for the managed domain itself.  
A conditional forwarder is a configuration option in a DNS server that lets you define a DNS domain, such as contoso.com, to forward queries to. Instead of the local DNS server trying to resolve queries for records in that domain, DNS queries are forwarded to the configured DNS for that domain. This configuration makes sure that the correct DNS records are returned, as you don't create a local a DNS zone with duplicate records in the managed domain to reflect those resources.  
To create a conditional forwarder in your managed domain, complete the following steps:  
\* 1. Select your DNS zone, such as aaddscontoso.com.  
\* 2. Select Conditional Forwarders, then right-select and choose New Conditional Forwarder...  
\* 3. Enter your other DNS Domain, such as contoso.com, then enter the IP addresses of the DNS servers for th namespace, as shown in the following example:



\* 4. Check the box for Store this conditional forwarder in Active Directory, and replicate it as follows, then select the option for All DNS servers in this domain, as shown in the following example:

New Conditional Forwarder

DNS Domain:  
 contoso.com

IP addresses of the master servers:

IP Address	Server FQDN	Validated
192.168.0.1		

☒ Store this conditional forwarder in Active Directory, and replicate it as follows:

All DNS servers in this domain (selected)

All DNS servers in this forest

All domain controllers in this domain (for Windows 2000 compatibility)

The server FQDN will not be available if the appropriate reverse lookup zones and entries are not configured.

OK Cancel

\* 5. To create the conditional forwarder, select OK.

Name resolution of the resources in other namespaces from VMs connected to the managed domain should now resolve correctly. Queries for the DNS domain configured in the conditional forwarder are passed to the relevant DNS servers.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-name-resolution-for-vms-and-role-insta> <https://docs.microsoft.com/en-us/azure/active-directory-domain-services/manage-dns>

## NEW QUESTION 200

- (Exam Topic 4)

You have an Azure subscription that contains an Azure Active Directory (Azure AD) tenant named contoso.com and an Azure Kubernetes Service (AKS) cluster named AKS1.

An administrator reports that she is unable to grant access to AKS1 to the users in contoso.com. You need to ensure that access to AKS1 can be granted to the contoso.com users.

What should you do first?

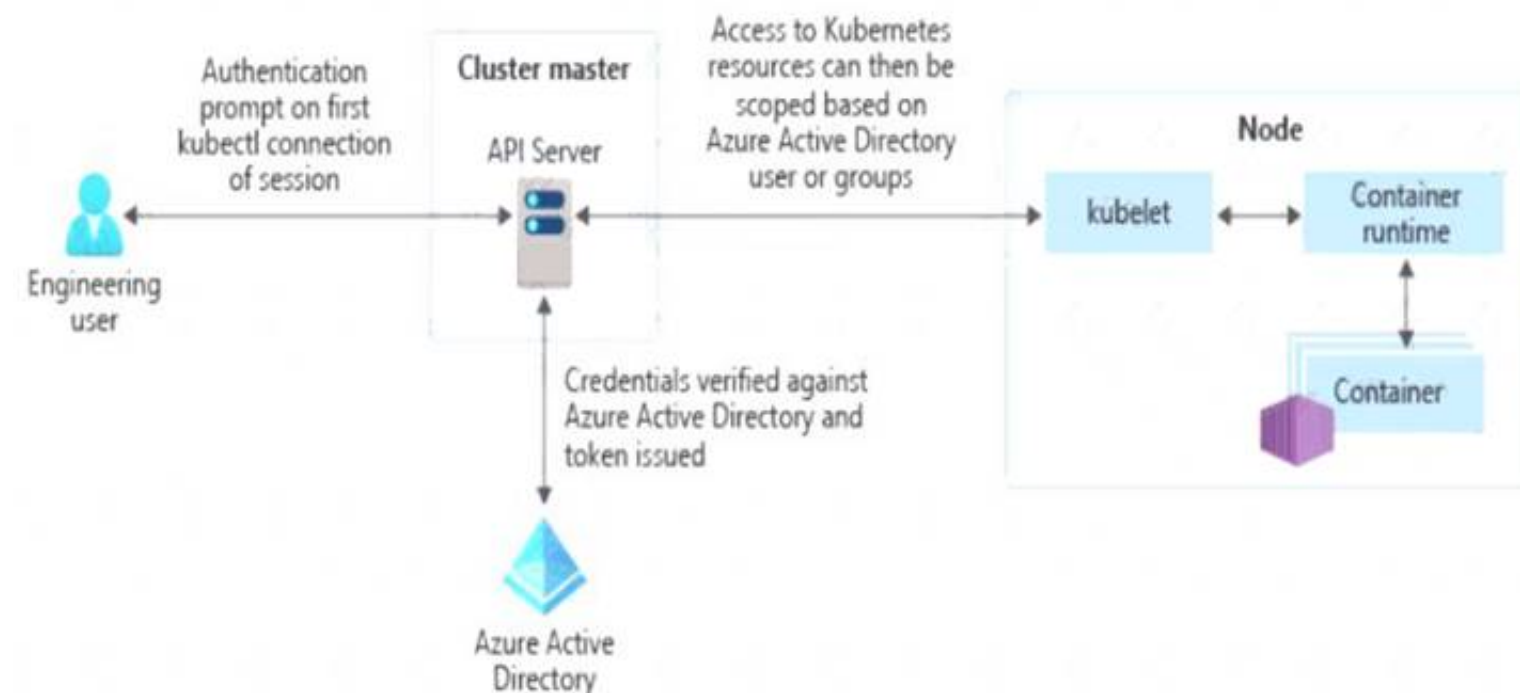
- A. From contoso.com, modify the Organization relationships settings.
- B. From contoso.com, create an OAuth 2.0 authorization endpoint.
- C. Recreate AKS1.
- D. From AKS1, create a namespace.

**Answer: B**

### Explanation:

With Azure AD-integrated AKS clusters, you can grant users or groups access to Kubernetes resources within a namespace or across the cluster. To obtain a kubectl configuration context, a user can run the `az aks get-credentials` command. When a user then interacts with the AKS cluster with kubectl, they're prompted to sign in with their Azure AD credentials. This approach provides a single source for user account management and password credentials. The user can only access the resources as defined by the cluster administrator.

Azure AD authentication is provided to AKS clusters with OpenID Connect. OpenID Connect is an identity layer built on top of the OAuth 2.0 protocol. For more information on OpenID Connect, see the Open ID connect documentation. From inside of the Kubernetes cluster, Webhook Token Authentication is used to verify authentication tokens. Webhook token authentication is configured and managed as part of the AKS cluster.



Reference:

<https://kubernetes.io/docs/reference/access-authn-authz/authentication/> <https://docs.microsoft.com/en-us/azure/aks/concepts-identity>

### NEW QUESTION 204

- (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 → Refresh

Resource group (change) : RG1od9053488  
 Location : East US  
 Subscription (change) : Microsoft AZ  
 Subscription ID : ac344a74-f85a-4b2e-8057-642088faaf20

Custom security rules : 1 inbound, 1 outbound  
 Associated with : 0 subnets, 0 network interfaces

Tags (change) : Click here to add tags

Inbound security rules

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
100	Port_80	80	TCP	Internet	Any	Deny
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	Allow AzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny

Outbound security rules

PRIORITY	NAME	PORT	PROTOCOL	SOURCE	DESTINATION	ACTION
100	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

### NEW QUESTION 205

- (Exam Topic 4)

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

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

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



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

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

- A. Yes  
B. NO

**Answer:** A

**Explanation:**

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

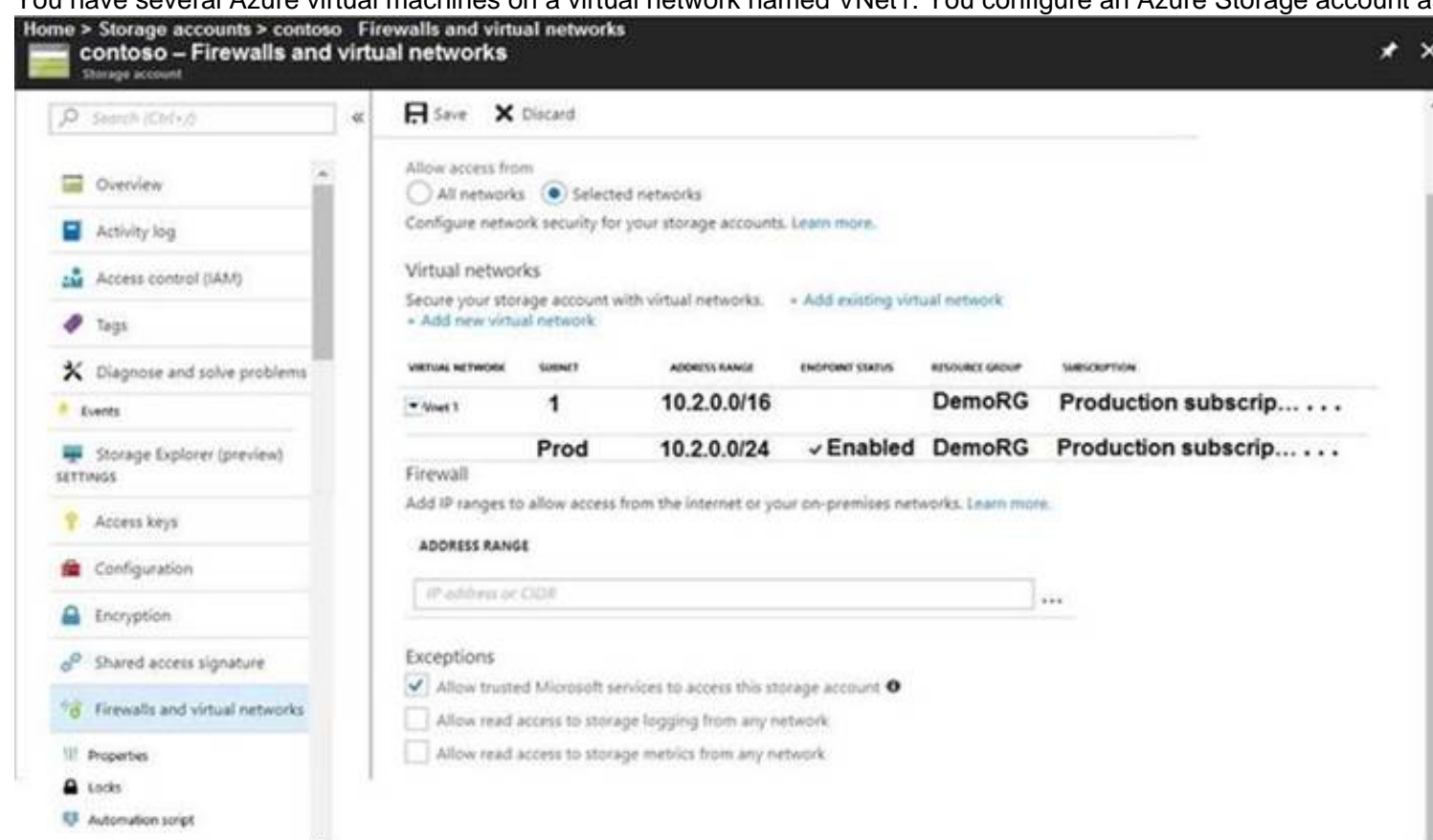
References:

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

**NEW QUESTION 206**

- (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:**

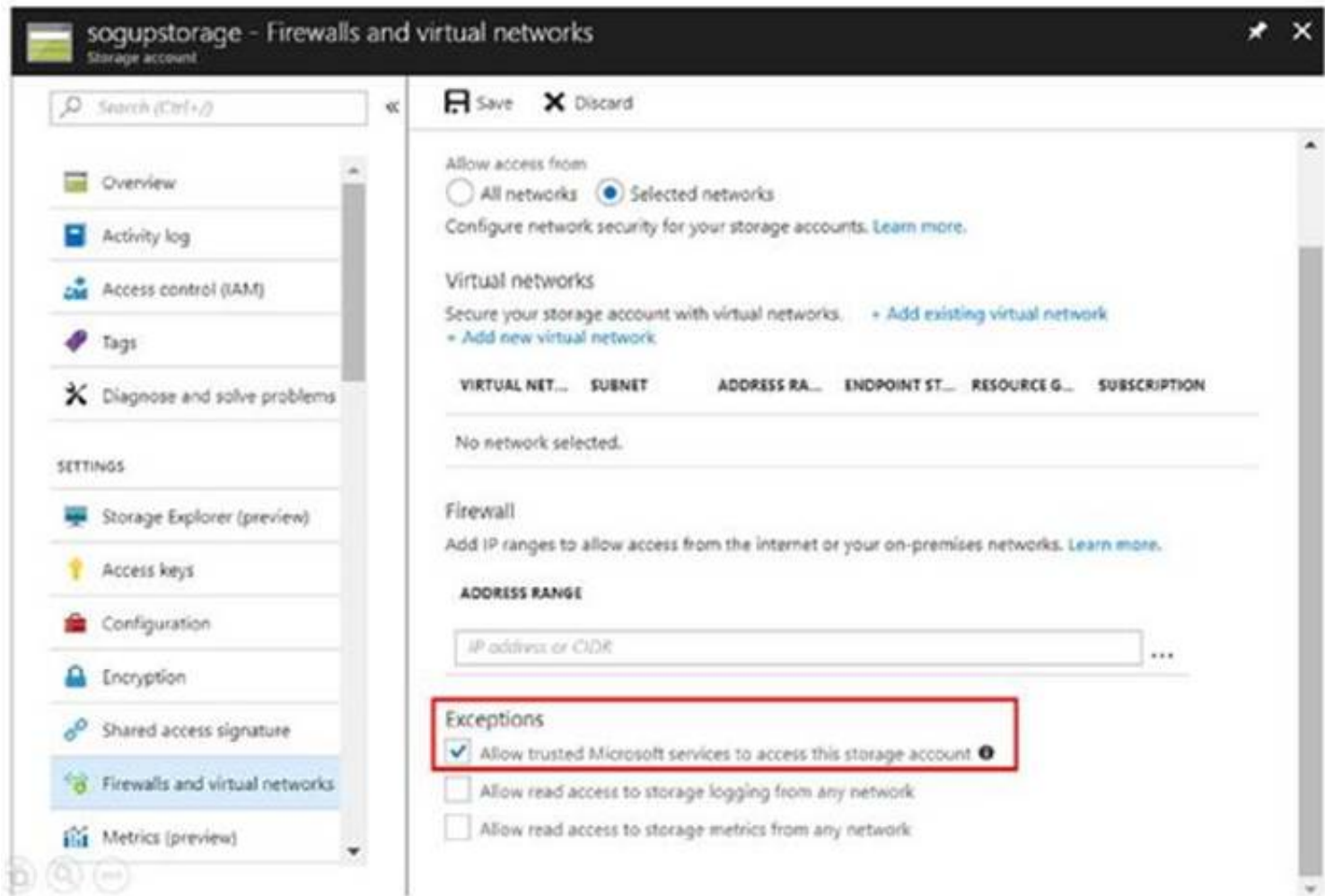
Box 1: never

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 211**

- (Exam Topic 4)

You have a pay-as-you-go Azure subscription that contains the virtual machines shown in the following table.

Name	Resource group	Daily cost
VM1	RG1	20 euros
VM2	RG2	30 euros

You create the budget shown in the following exhibit.

## Budget1

Resource group

Edit budget

Delete budget



### BUDGET SUMMARY

Name	Budget1
Scope	RG1 (Resource group)
Filters	—
Amount	1,000.00 EUR
Budget period	Resets billing month
Start date	6/20/2019
End date	6/19/2021

### BUDGET ALERTS

Alert conditions	% OF BUDGET	AMOUNT	ACTION GROUP	ACTION GROUP
	50%	€500	AG1	1 Email
	70%	€700	AG2	1 SMS
	100%	€1,000	AG3	1 Azure app
Alert recipients (email)	User1@Contoso.com			

The AG1 action group contains a user named admin@contoso.com only.

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.

When the maximum amount in Budget1 is reached.

[answer choice].

▼

VM1 and VM2 are turned off  
VM1 and VM2 continue to run  
VM1 is turned off, and VM2 continues to run

Based on the current usage costs of the virtual machines. [answer choice].

▼

no email notifications will be sent each month  
one email notification will be sent each month  
two email notifications will be sent each month  
three email notifications will be sent each month

- A. Mastered
- B. Not Mastered

**Answer: A**

#### Explanation:

Box 1: VM1 and VM2 continues to run

When the budget thresholds you've created are exceeded, only notifications are triggered. None of your resources are affected and your consumption isn't stopped. You can use budgets to compare and track spending as you analyze costs.

Box 2: one email notification will be sent each month

Budget alerts for Resource Group RG1, which include VM1, but not VM2. VM1 consumes 20 Euro/day. The 50% ,500 Euro limit, will be reached in 25 days, and an email will be sent.

The 70% and 100% alert conditions will not be reached within a month, and they don't trigger email actions anyway.

References:

<https://docs.microsoft.com/en-gb/azure/cost-management-billing/costs/tutorial-acm-create-budgets> <https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending>

### NEW QUESTION 213



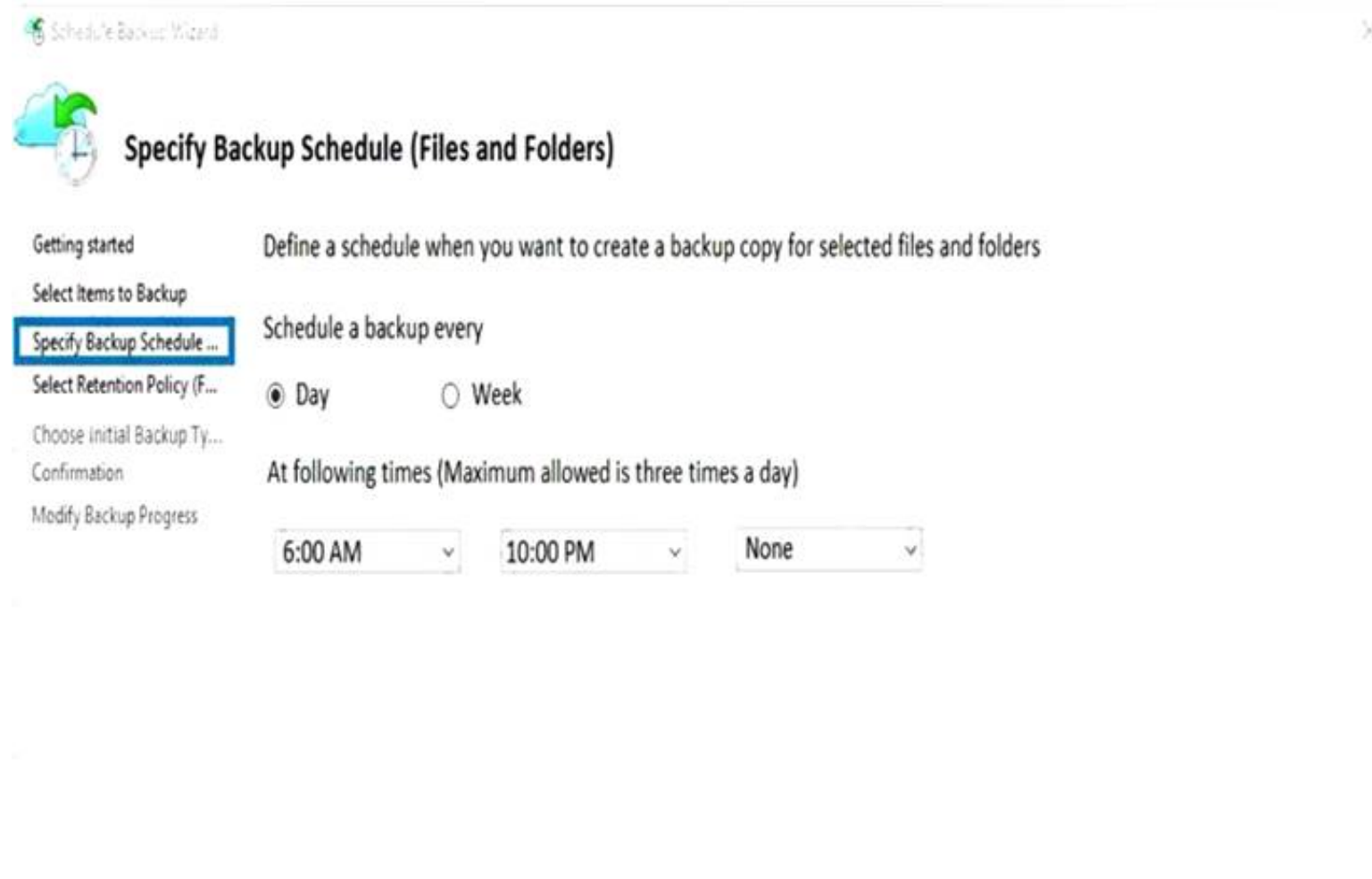
- (Exam Topic 4)

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

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

All virtual machines run Windows Server 2016.

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



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

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

**Answer:** A

**Explanation:**

Reference:

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

#### NEW QUESTION 214

- (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 run azcopy.exe. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

#### NEW QUESTION 219

- (Exam Topic 6)



You plan to deploy 20 Azure virtual machines by using an Azure Resource Manager template. The virtual machines will run the latest version of Windows Server 2016 Datacenter by using an Azure Marketplace image. You need to complete the storageProfile section of the template. How should you complete the storageProfile section? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

```

"storageProfile": {
  "imageReference": {
    "publisher": "MicrosoftWindowsServer",
    "offer":
  "sku":
  "version": "latest"
}
...

```

▼
"2016-Datacenter",
"WindowsClient",
"Windows-Hub",
"WindowsServer",
"WindowsServerEssentials",
"WindowsServerSemiAnnual",

▼
"2016-Datacenter",
"WindowsClient",
"Windows-Hub",
"WindowsServer",
"WindowsServerEssentials",
"WindowsServerSemiAnnual",

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

```

... "storageProfile": {
  "imageReference": {
    "publisher": "MicrosoftWindowsServer", "offer": "WindowsServer",
    "sku": "2016-Datacenter", "version": "latest"
  },
  ... References:
  https://docs.microsoft.com/en-us/rest/api/compute/virtualmachines/createorupdate

```

**NEW QUESTION 220**

- (Exam Topic 6)

You have an Azure subscription that contains two virtual machines named VM1 and VM2. You create an Azure load balancer. You plan to create a load balancing rule that will load balance HTTPS traffic between VM1 and VM2. Which two additional load balance resources should you create before you can create the load balancing rule? Each correct answer presents part of the solution. MOTL Each correct selection is worth one point.

- A. a frontend IP address
- B. a backend pool
- C. a health probe
- D. an inbound NAT rule
- E. a virtual network

**Answer:** BC

**NEW QUESTION 225**

- (Exam Topic 6)

You have an Azure web app named App1 that streams video content to users. App1 is located in the East US Azure region. Users in North America stream the video content without any interruption. Users in Asia and Europe report that the video buffer often and do not play back smoothly. You need to recommend a solution to improve video streaming to the European and Asian users. What should you recommend?

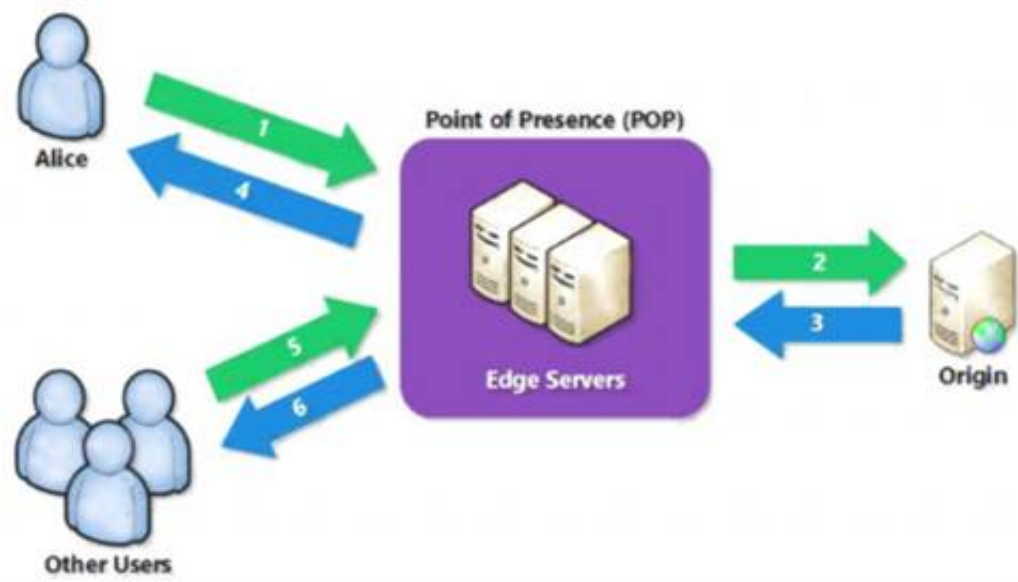
- A. Scale out the App Service plan.
- B. Scale up the App Service plan.
- C. Configure an Azure Content Delivery Network (CDN) endpoint.
- D. Configure Azure File Sync.

**Answer:** C

**Explanation:**

A content delivery network (CDN) is a distributed network of servers that can efficiently deliver web content to users. CDNs store cached content on edge servers in point-of-presence (POP) locations that are close to end users, to minimize latency.

Azure Content Delivery Network (CDN) offers developers a global solution for rapidly delivering high-bandwidth content to users by caching their content at strategically placed physical nodes across the world.



Reference:  
<https://docs.microsoft.com/en-us/azure/cdn/cdn-overview>

**NEW QUESTION 230**

- (Exam Topic 6)

You have an Azure subscription. The subscription contains virtual machines that run Windows Server 2016 and are configured as shown in the following table.

Name	Virtual network	DNS suffix configured in Windows Server
VM1	VNET2	Contoso.com
VM2	VNET2	None
VM3	VNET2	Adatum.com

**Answer Area**

Statements	Yes	No
When VM1 starts, a record for VM1 is added to the contoso.com DNS zone.	<input type="radio"/>	<input type="radio"/>
When VM2 starts, a record for VM2 is added to the contoso.com DNS zone.	<input type="radio"/>	<input type="radio"/>
When VM3 starts, a record for VM3 is added to the adatum.com DNS zone.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Statements	Yes	No
When VM1 starts, a record for VM1 is added to the contoso.com DNS zone.	<input checked="" type="radio"/>	<input type="radio"/>
When VM2 starts, a record for VM2 is added to the contoso.com DNS zone.	<input type="radio"/>	<input checked="" type="radio"/>
When VM3 starts, a record for VM3 is added to the adatum.com DNS zone.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 234**

- (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": []
  }
],
}
```

- 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 236

- (Exam Topic 5)  
You have an Azure subscription that contains a virtual network named VNET1. VNET1 contains the subnets shown in the following table.

Name	Connected virtual machines
Subnet1	VM1, VM2
Subnet2	VM3, VM4
Subnet3	VM5, VM6

Each virtual machine uses a static IP address.  
You need to create network security groups (NSGs) to meet following requirements:

- Allow web requests from the internet to VM3, VM4, VM5, and VM6.
- Allow all connections between VM1 and VM2.
- Allow Remote Desktop connections to VM1.
- Prevent all other network traffic to VNET1.

What is the minimum number of NSGs you should create?

- A. 1
- B. 3
- C. 4
- D. 12

Answer: C

Explanation:

Note: A network security group (NSG) contains a list of security rules that allow or deny network traffic to resources connected to Azure Virtual Networks (VNet). NSGs can be associated to subnets, individual VMs (classic), or individual network interfaces (NIC) attached to VMs (Resource Manager). Each network security group also contains default security rules. References:  
<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview#default-security-rules>

NEW QUESTION 239

- (Exam Topic 5)  
You have an on-premises network that you plan to connect to Azure by using a site-to-site VPN.



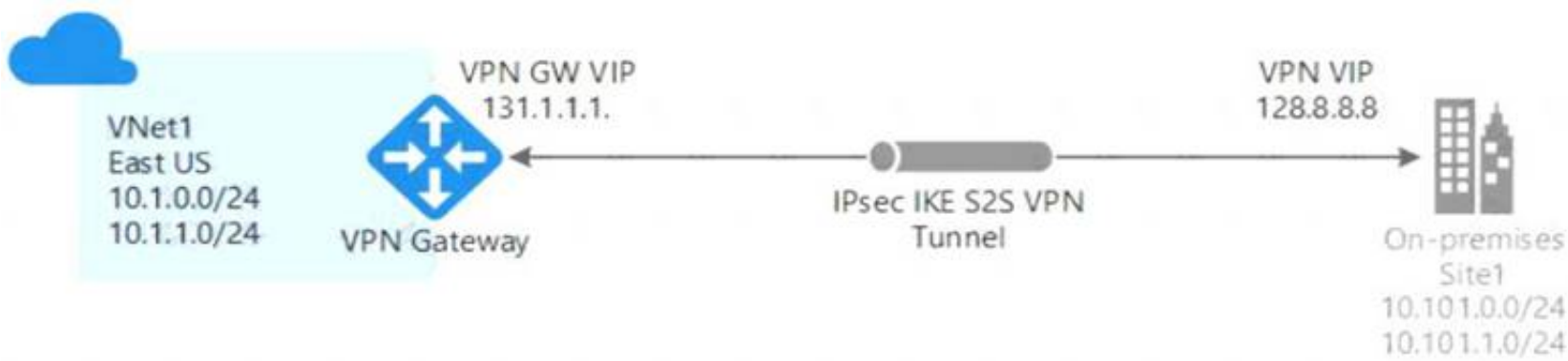
In Azure, you have an Azure virtual network named VNet1 that uses an address space of 10.0.0.0/16. VNet1 contains a subnet named Subnet1 that uses an address space of 10.0.0.0/24.  
You need to create a site-to-site VPN to Azure.  
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.  
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
Create an Azure Content Delivery Network (CDN) profile.	
Create a VPN connection.	
Create a custom DNS server.	
Create a local gateway.	
Create a VPN gateway.	
Create a gateway subnet.	

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
A Site-to-Site VPN gateway connection is used to connect your on-premises network to an Azure virtual network over an IPsec/IKE (IKEv1 or IKEv2) VPN tunnel. This type of connection requires a VPN device located on-premises that has an externally facing public IP address assigned to it. For more information about VPN gateways, see About VPN gateway.



- \* 1. Create a virtual network  
You can create a VNet with the Resource Manager deployment model and the Azure portal
- \* 2. Create the gateway subnet :  
The virtual network gateway uses specific subnet called the gateway subnet. The gateway subnet is part of the virtual network IP address range that you specify when configuring your virtual network. It contains the IP addresses that the virtual network gateway resources and services use.
- \* 3. Create the VPN gateway :  
You create the virtual network gateway for your VNet. Creating a gateway can often take 45 minutes or more, depending on the selected gateway SKU.
- \* 4. Create the local network gateway:  
The local network gateway typically refers to your on-premises location. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you will create a connection. You also specify the IP address prefixes that will be routed through the VPN gateway to the VPN device. The address prefixes you specify are the prefixes located on your on-premises network. If your on-premises network changes or you need to change the public IP address for the VPN device, you can easily update the values later.
- \* 5. Configure your VPN device:  
Site-to-Site connections to an on-premises network require a VPN device. In this step, you configure your VPN device. When configuring your VPN device, you need the following:  
A shared key. This is the same shared key that you specify when creating your Site-to-Site VPN connection. In our examples, we use a basic shared key. We recommend that you generate a more complex key to use.  
The Public IP address of your virtual network gateway. You can view the public IP address by using the Azure portal, PowerShell, or CLI. To find the Public IP address of your VPN gateway using the Azure portal, navigate to Virtual network gateways, then click the name of your gateway.
- \* 6. Create the VPN connection:  
Create the Site-to-Site VPN connection between your virtual network gateway and your on-premises VPN device.  
Reference:  
<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>

**NEW QUESTION 240**  
- (Exam Topic 5)  
You have an Azure subscription named Subscription1 that contains an Azure Log Analytics workspace named Workspace1.  
You need to view the error events from a table named Event. Which query should you run in Workspace1?

- A. Event | where EventType is "error"
- B. Event | search "error"
- C. select \* from Event where EventType == "error"
- D. Get-Event Event | where {\$\_.EventType -eq "error"}

Answer: B



**Explanation:**

To search a term in a specific table, add in (table-name) just after the search operator Reference:  
<https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/get-started-queries>

**NEW QUESTION 243**

- (Exam Topic 5)

You have an Azure subscription named Subscription1. In Subscription1, you create an alert rule named Alert1. The Alert1 action group is configured as shown in the following exhibit.

```
PS Azure:\> Get-AzureRmActionGroup

ResourceGroupName: default-activitylogalerts
GroupShortName    : AG1
Enabled           : True
EmailReceivers    : {Action1_EmailAction-}
SmsReceivers      : {Acrtion_SMSAction-}
WebhookReceivers  : {}
Id               : /subscriptions/a4fde29b-d56a-4f6c-8298-6c53cd0b720c/
resourceGroups/default-activitylogalerts/providers/microsoft.insights/actionGroups/ActionGroup1
Name             : ActionGroup1
Type             : Microsoft.Insights/ActionGroups
Location         : Global
Tags             : {}
```

Alert1 alert criteria is triggered every minute.  
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 number of email messages that Alert1 will send in an hour is [answer choice].

0

4

6

12

60

The number of SMS messages that Alert1 will send in an hour is [answer choice].

0

4

6

12

60

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Box 1: 60  
One alert per minute will trigger one email per minute.  
Box 2: 12  
No more than 1 SMS every 5 minutes can be send, which equals 12 per hour.  
Note: Rate limiting is a suspension of notifications that occurs when too many are sent to a particular phone number, email address or device. Rate limiting ensures that alerts are manageable and actionable.  
The rate limit thresholds are:  
\_ SMS: No more than 1 SMS every 5 minutes.  
\_ Voice: No more than 1 Voice call every 5 minutes.  
\_ Email: No more than 100 emails in an hour.  
\_ Other actions are not rate limited.  
References:  
<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/monitoring-and-diagnostics/monitoring-overv>

**NEW QUESTION 244**

- (Exam Topic 5)  
You have an Azure subscription that contains the virtual machines shown in the following table:

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

VM1 and VM2 use public IP addresses. From Windows Server 2019 on VM1 and VM2, you allow inbound Remote Desktop connections. Subnet1 and Subnet2 are in a virtual network named VNET1. The subscription contains two network security groups (NSGs) named NSG1 and NSG2. NSG1 uses only the default rules. NSG2 uses the default rules and the following custom incoming rule:

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

NSG1 is associated to Subnet1. NSG2 is associated to the network interface of VM2.  
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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

- A. Mastered
- B. Not Mastered

Answer: A

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

NEW QUESTION 248  
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