

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 a Microsoft SQL Server Always On availability group configured on their Azure virtual machines (VMs).

You need to configure an Azure internal load balancer as a listener for the availability group.

Solution: You enable Floating IP.

Does the solution meet the goal?



Yes



No

Your company has two on-premises servers named SRV01 and SRV02. Developers have created an application that runs on SRV01. The application calls a service on SRV02 by IP address.

You plan to migrate the application on Azure virtual machines (VMs). You have configured two VMs on a single subnet in an Azure virtual network.

You need to configure the two VMs with static internal IP addresses.

What should you do?

- ☐ Run the New-AzureRMVMConfig PowerShell cmdlet.
- ☐ Run the Set-AzureSubnet PowerShell cmdlet.
- ☐ Modify the VM properties in the Azure Management Portal.
- ☐ Modify the IP properties in Windows Network and Sharing Center.
- ☒ Run the Set-AzureStaticVNetIP PowerShell cmdlet.

[Validate](#)

Solution:

Specify a static internal IP for a previously created VM

If you want to set a static IP address for a VM that you previously created, you can do so by using the following cmdlets. If you already set an IP address for the VM and you want to change it to a different IP address, you'll need to remove

the existing static IP address before running these cmdlets. See the instructions below to remove a static IP.

For this procedure, you'll use the Update-AzureVM cmdlet. The Update-AzureVM cmdlet restarts the VM as part of the update process. The DIP that you specify will be assigned after the VM restarts. In this example, we set the IP address

for VM2, which is located in cloud service StaticDemo.

```
Get-AzureVM -ServiceName StaticDemo -Name VM2 | Set-AzureStaticVNetIP -IPAddress 192.168.4.7 | Update-AzureVM
```

Reference: <https://docs.microsoft.com/en-us/powershell/module/servicemanagement/azure/set-azurestaticvnetip?view=azuresmps-4.0.0>

Your company has an Azure Active Directory (Azure AD) subscription.

You need to deploy five virtual machines (VMs) to your company's virtual network subnet.

The VMs will each have both a public and private IP address. Inbound and outbound security rules for all of these virtual machines must be identical.

Which of the following is the least amount of network interfaces needed for this configuration?



5



10



20



40

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Which of the following is the least amount of security groups needed for this configuration?

☐ 4☐ 3☐ 2☒ 1

Your company's Azure subscription includes Azure virtual machines (VMs) that run Windows Server 2016. One of the VMs is backed up every day using Azure Backup Instant Restore. When the VM becomes infected with data encrypting ransomware, you decide to recover the VM's files. Which of the following is TRUE in this scenario?

- ☐ You can only recover the files to the infected VM.
- ☒ You can recover the files to any VM within the company's subscription.
- ☐ You can only recover the files to a new VM.
- ☐ You will not be able to recover the files

Your company's Azure subscription includes Azure virtual machines (VMs) that run Windows Server 2016. One of the VMs is backed up every day using Azure Backup Instant Restore. When the VM becomes infected with data encrypting ransomware, you are required to restore the VM. Which of the following actions should you take?

- ☐ You should restore the VM after deleting the infected VM.
- ☐ You should restore the VM to any VM within the company's subscription.
- ☒ You should restore the VM to a new Azure VM.
- ☐ You should restore the VM to an on-premise Windows device.

You administer a solution in Azure that is currently having performance issues.

You need to find the cause of the performance issues pertaining to metrics on the Azure infrastructure.

Which of the following is the tool you should use?

☐ Azure Traffic Analytics

☒ Azure Monitor

☐ Azure Activity Log

☐ Azure Advisor

Validate



Solution:

Metrics in Azure Monitor are stored in a time-series database which is optimized for analyzing time-stamped data. This makes metrics particularly suited for alerting and fast detection of issues.

Reference:

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

Your company has an Azure subscription that includes a Recovery Services vault.

You want to use Azure Backup to schedule a backup of your company's virtual machines (VMs) to the Recovery Services vault.

Which of the following VMs can you back up? Choose all that apply.

- ☐ VMs that run Windows 10.
- ☐ VMs that run Windows Server 2012 or higher.
- ☐ VMs that have NOT been shut down.
- ☐ VMs that run Debian 8.2+.
- ☐ VMs that have been shut down.

☒ All the above

DRAG DROP

You have downloaded an Azure Resource Manager (ARM) template to deploy numerous virtual machines (VMs). The ARM template is based on a current VM, but must be adapted to reference an administrative password.

You need to make sure that the password cannot be stored in plain text.

You are preparing to create the necessary components to achieve your goal.

Which of the following should you create to achieve your goal? Answer by dragging the correct option from the list to the answer area.

Select and Place:

Options

1. An Azure Key Vault
2. An Azure Storage account
3. Azure Active Directory (AD) Identity Protection
4. An access policy
5. An Azure policy
6. A backup policy

☒ 1,4

☐ 2,5

☐ 1,3

☐ 4,6

DRAG DROP

Your company has an Azure subscription that includes a number of Azure virtual machines (VMs), which are all part of the same virtual network.

Your company also has an on-premises Hyper-V server that hosts a VM, named VM1, which must be replicated to Azure.

Which of the following objects that must be created to achieve this goal? Answer by dragging the correct option from the list to the answer area.

Select and Place:

Options

1. Hyper-V site
2. Storage account
3. Azure Recovery Services Vault
4. Azure Traffic Manager instance
5. Replication policy
6. Endpoint

☒ 1,3,5

☐ 2,4,6

☐ 1,2,3

☐ 1,5,6

HOTSPOT

You have an Azure subscription named Sub1 that contains the Azure resources shown in the following table.

Name	Type
RG1	Resource group
storage1	Storage account
VNET1	Virtual network

You assign an Azure policy that has the following settings:

Scope: Sub1

Exclusions: Sub1/RG1/VNET1

Policy definition: Append a tag and its value to resources

Policy enforcement: Enabled

Tag name: Tag4

Tag value: value4

You assign tags to the resources as shown in the following table

Resource	Tag
Sub1	Tag1: subscription
RG1	Tag2:IT
storage1	Tag 3: value1
VNET1	Tag 3: value 2

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

NOTE: Each correct selection is worth one point.

Hot Area:

RG1 has the Tag2: IT tag assigned only _____

- ☒ Yes
- ☐ No

Storage1 has the Tag1: subscription, Tag2:IT, Tag 3: value1, and Tag 4 : value 4 tags assigned. _____

- ☐ Yes
- ☒ No

VNET1 has the Tag 2: IT and Tag 3 : value 2 tags assigned only _____

- ☐ Yes
- ☒ No

HOTSPOT

You have an Azure subscription that contains an Azure Storage account named storageaccount1.
You export storageaccount1 as an Azure Resource Manager template. The template contains the following sections.

```
{
  "type": "Microsoft.Storage/storageAccount",
  "apiVersion": "2019-06-01",
  "name": "storageaccount1",
  "location": "eastus",
  "sku": {
    "name": "Standard LRS",
    "tier": "standard"
  },
  "kind": "StorageV2",
  "properties": {
    "networkAcls" : {
      "bypass" : "AzureServices",
      "virtualNetworkrules": [ ],
      "ipRules": [ ],
      "defaultAction" : "Allow",
    },
    "supportsHttpsTrafficOnly": true,
    "encryption": {
      "services" :{
        "file": {
          "keyType" : "Account",
          "enabled": true
        }
        "blob": {
          "keyType": "Account",
          "enabled": true
        }
      },
      "keySource": "Microsoft.Storage"
    },
    "accessTier": "Hot"
  },
}
```

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

NOTE: Each correct selection is worth one point

Hot Area:

A server that has a public IP address of 131.107 .103 .10 can access storageaccount1 _____

- ☒ Yes
- ☐ No

Individual blobs in storageaccount1 can be set to use the archive tier _____

- ☒ Yes
- ☐ No

Global administrations in Azure Active Directory (Azure AD) can access a file share hosted in storageaccount 1 by using their Azure \$A D\$ credentials _____

- ☐ Yes
- ☒ No

HOTSPOT

You have an Azure subscription.

Create a virtual machine scale set

Basics Disks Networking Scaling Management Health Advanced

An Azure virtual machine scale set can automatically increase or decrease the number of VM instances that run your application. This automated and elastic behavior reduces the management overhead to monitor and optimize the performance of your application. [Learn more about VMSS scaling](#)

Instance

Initial instance count * 2

Scaling

Scaling policy ☐ Manual ☒ Custom

Minimum number of VMs * 1

Maximum number of VMs * 10

Scale out

CPU threshold (%) * 75

Duration in minutes * 10

Number of VMs to increase by * 1

Scale in

CPU threshold (%) * 25

Number of VMs to decrease by * 1

Diagnostic logs

Collect diagnostic logs from Autoscale ☒ Disabled ☐ Enabled

Scale-In policy

Configure the order in which virtual machines are selected for deletion during a scale-in operation. [Learn more about scale-in policies.](#)

Scale-in policy Default - balance across availability zones and fault domains, then delete V...

You deploy a virtual machine scale set that is configured 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.

Hot Area:

At 9:00 AM, the scale set starts and CPU utilization is 90 percent for 15 minutes. How many virtual machine instances will be running at 9:15 AM?

- ☐ 2
- ☒ 3
- ☐ 4
- ☐ 5

At 10:00 AM , the scale set has five virtual machine instances running and CPU utilization falls to less than 15 percent for 60 minutes. How many virtual machine instances will be running at 11:00 AM?

- ☒ 1
- ☐ 2
- ☐ 3
- ☐ 4

HOTSPOT

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

Name	Type
ManagementGroup1	Management group
RG1	Resource group
9c8bc1cd-7655-4c66-b3ea-a8ee101d8f75	Subscription ID
Tag1	Tag

In Azure Cloud Shell, you need to create a virtual machine by using an Azure Resource Manager (ARM) template. How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

TemplateUrl "https://raw.githubusercontent.com/Azure/azure-quickstart-templates/master/101-vm-simple-window/azuredeploy.json"

- adminUsernatte LocalAdninistrator -adminpassword \$adminpassword -dnsLabelPrefix ContosoVM1

SadminPassword - Read-Host - Prompt _____

- ☐ New-AzVm
- ☐ New-AZResource
- ☐ New-AzTemplateSpec
- ☒ New-AzResourceGroupDeployment

SadminPassword - Read-Host - Prompt _____

- ☐ -Tag Tag1'
- ☒ -ResourceGroupName RG1'
- ☐ -GroupName ManagementGroup1'
- ☐ -Subscription 9c8bc1cd -7655-4 c 66-b3ea-a $\text{<fm-inline><mi class=$ "fm-mi-length-1 ma-upright" mathvariant="normal" style="padding-right: 0px;">\$ $\text{</mi></fmath>ee-101d8175}$

HOTSPOT

You have the web apps shown in the following table

Name	Web framework	Hosting environment
App1	Microsoft ASP.NET	An on-premises physical server that runs Windows Server 2019 and has Internet Information Services (IIS) configured
App2	Microsoft ASP.NET Core	An Azure virtual machine that runs Windows Server 2019 and has Internet Information Services (IIS) configured

You need to monitor the performance and usage of the apps by using Azure Application Insights. The solution must minimize modifications to the application code.

What should you do on each app? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

App1: _____

- ☐ Install the Log Analytics agent
- ☐ Install the Azure Monitor agent
- ☐ Use the Application Insights SDK
- ☒ Install the Application Insights Agent

App2: _____

- ☐ Install the Log Analytics agent
- ☐ Install the Azure Monitor agent
- ☐ Use the Application Insights SDK
- ☒ Install the Application Insights Agent

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

You plan to delete multiple users by using Bulk delete in the Azure Active Directory admin center.

You need to create and upload a file for the bulk delete.

Which user attributes should you include in the file?

☐ The user principal name and usage location of each user only

☒ The user principal name of each user only

☐ The display name of each user only

☐ The display name and usage location of each user only

☐ The display name and user principal name of each user only

Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution,

while others might not have a correct solution.

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

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

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

Does this meet the goal?

☐ Yes

☒ No

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?

- ☐ Azure AD roles
- ☒ administrative units
- ☐ access packages in Azure AD entitlement management
- ☐ Azure roles

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

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

Solution: On Dev, you assign the Logic App Contributor role to the Developers group.

Does this meet the goal?



Yes



No

You have an Azure subscription named Subscription!

You have 5 TB of data that you need to transfer to Subscription!

You plan to use an Azure Import/Export job.

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



Azure File Storage



an Azure Cosmos DB database



Azure Data Factory



Azure SQL Database

You have web apps in the West US, Central US and East US Azure regions.
You have the App Service plans shown in the following table

Name	Operating system	Location	SKU and size
ASP1	Windows	West US	Standard S1
ASP2	Linux	Central US	Premium V2 P1v2
ASP3	Linux	East US	Premium V2 P1v2
ASP4	Linux	East US	Premium V2 P1v2

You need to identify in which of the currently used locations you can deploy ASP5.
What should you recommend?

☒ West US, Central US, or East US

☐ Central US only

☐ East US only

☐ West US only

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

You need to ensure that NGINX is available on all the virtual machines after they are deployed.

What should you use?

- ☐ the New-AzConfigurationAssignment cmdlet
- ☒ a Desired State Configuration (DSC) extension
- ☐ Azure Active Directory (Azure AD) Application Proxy
- ☐ Azure Application Insights

You have five Azure virtual machines that run Windows Server 2016. The virtual machines are configured as web servers.

You have an Azure load balancer named LB1 that provides load balancing services for the virtual machines.

You need to ensure that visitors are serviced by the same web server for each request.

What should you configure?

☒ Session persistence to Client IP and protocol

☐ Protocol to UDP

☐ Session persistence to None

☐ Floating IP (direct server return) to Enabled