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QUESTION 1

You manage a cloud service that supports features hosted by two instances of an Azure virtual machine (VM).

You discover that occasional outages cause your service to fail.

You need to minimize the impact of outages to your cloud service.

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

- A. Deploy a third instance of the VM.
- B. Configure Load Balancing on the VMs.
- C. Redeploy the VMs to belong to an Affinity Group.
- D. Configure the VMs to belong to an Availability Set.

Answer: BD

Explanation:

Adding your virtual machine to an availability set helps your application stay available during network failures, local disk hardware failures, and any planned downtime.

Combine the Azure Load Balancer with an Availability Set to get the most application resiliency.

The Azure Load Balancer distributes traffic between multiple virtual machines.

<http://azure.microsoft.com/en-gb/documentation/articles/virtual-machines-manage-availability/>

QUESTION 2

You administer an Azure subscription with an existing cloud service named contosocloudservice. Contosocloudservice contains a set of related virtual machines (VMs) named ContosoDC, ContosoSQL and ContosoWeb1.

You want to provision a new VM within contosocloudservice.

You need to use the latest gallery image to create a new Windows Server 2012 R2 VM that has a target IOPS of 500 for any provisioned disks.

Which PowerShell command should you use?

- A. PS C:\> \$image = (Get-AzureVMImage | ? { \$_.OS -eq "Windows" -and \$_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" }) | Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureVMConfig -Name "ContosoWeb2" -InstanceSize Small -ImageName \$image | Add-AzureProvisioningConfig -Windows -AdminUser \$adminUser -Password \$adminPassword | New-AzureVM
- B. PS C:\> \$image = (Get-AzureVMImage | ? { \$_.OS -eq "Windows" -and \$_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" }) | Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureVMConfig -Name "ContosoWeb2" -InstanceSize Basic_A1 -ImageName \$image | Add-AzureProvisioningConfig -Windows -AdminUser \$adminUser -Password \$adminPassword | New-AzureVM -ServiceName "contosocloudservice"
- C. PS C:\> New-AzureQuickVM -Windows -ServiceName "contosocloudservice" -Name "ContosoWeb2" -ImageName (Get-AzureVMImage | ? { \$_.OS -eq "Windows" -and \$_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" }).ImageName | ? { \$ - Password \$adminPasswd -InstanceSize Small}
- D. PS C:\> \$image = (Get-AzureVMImage | ? { \$_.OS -eq "Windows" -and \$_.ImageFamily -eq "Windows Server 2012 R2 Datacenter" }) | Sort-Object PublishDate -Descending | Select-Object -First 1).ImageName
PS C:\> New-AzureQuickVM -Windows -ServiceName "contosocloudservice" -Name "ContosoWeb2" -ImageName \$image -Password \$adminPasswd -InstanceSize Small

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Explanation:

D is the answer -AdminUsername param is optional(Refer <https://msdn.microsoft.com/en-us/library/azure/Dn495183.aspx>)

A cannot be the answer as the servicename is not passed in the command.

New-AzureQuickVM cmdlet allows you to provision a single virtual machine with a simple configuration based on an image only

Refer pg 63 of MS Examref 70-533 for detailed explanation of both the ways to create VM in Azure.

Small is the correct size and i cannot find Basic_A1 in the list provided by MS might have changed the naming conventions

(<https://azure.microsoft.com/en-us/documentation/articles/virtual-machines-size-specs/>)

QUESTION 3

Drag and Drop Question

You administer an Azure Virtual Machine (VM) named server1.

The VM is in a cloud service named ContosoService1.

You discover that the VM is experiencing storage issues due to increased application logging on the server.

You need to create a new 256-GB disk and attach it to the server.

Which Power Shell cmdlets should you use? To answer, drag the appropriate cmdlet to the correct location in the Power Shell command. Each cmdlet 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.

PowerShell cmdlets	PowerShell command
Add-AzureDisk	C:\PS> <input type="text"/> PowerShell Command "ContosoService1"
Add-AzureDataDisk	-Name "server1" <input type="text"/> PowerShell Command -CreateNew -DiskSizeInGB 256
Add-AzureVhd	-DiskLabel "data1" -LUN 1 <input type="text"/> PowerShell Command
Get-AzureVM	...
Get-AzureVMImage	
Update-AzureVM	
Update-AzureVMImage	

Answer:

PowerShell cmdlets	PowerShell command
Add-AzureDisk	C:\PS> Get-AzureVM "ContosoService1"
Add-AzureDataDisk	-Name "server1" Add-AzureDataDisk -CreateNew -DiskSizeInGB 256
Add-AzureVhd	-DiskLabel "data1" -LUN 1 Update-AzureVM
Get-AzureVM	
Get-AzureVMImage	
Update-AzureVM	
Update-AzureVMImage	

Explanation:

This example gets a virtual machine object for the virtual machine named "MyVM" in the "myservice" cloud service, updates the virtual machine object by attaching an existing data disk from the repository using the disk name, and then updates the Azure virtual machine.

Windows PowerShell

```
C:\PS>Get-AzureVM "myservice" -Name "MyVM" `| Add-AzureDataDisk -Import -DiskName "MyExistingDisk" -LUN 0 `| Update-AzureVM
```

QUESTION 4

Your company has two cloud services named CS01 and CS02.

You create a virtual machine (VM) in CS02 named Accounts.

You need to ensure that users in CS01 can access the Accounts VM by using port 8080.

What should you do?

- A. Create a firewall rule.
- B. Configure load balancing.
- C. Configure port redirection.
- D. Configure port forwarding.
- E. Create an end point.

Answer: E

Explanation:

All virtual machines that you create in Azure can automatically communicate using a private network channel with other virtual machines in the same cloud service or virtual network. However, other resources on the Internet or other virtual networks require endpoints to handle the inbound network traffic to the virtual machine.

<http://azure.microsoft.com/en-us/documentation/articles/virtual-machines-set-up-endpoints/>

QUESTION 5

Your company network includes an On-Premises Windows Active Directory (AD) that has a DNS domain named contoso.local and an email domain named contoso.com.

You plan to migrate from On-Premises Exchange to Office 365.

You configure DirSync and set all Azure Active Directory (Azure AD) usernames as %username%@contoso.onmicrosoft.com.

You need to ensure that each user is able to log on by using the email domain as the username.

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

- A. Verify the email domain in Azure AD domains.
- B. Run the Set-MsolUserPrincipalName -UserPrincipalName %username%@contoso.onmicrosoft.com - NewUserPrincipalName %username%@contoso.com Power Shell cmdlet.
- C. Edit the ProxyAddress attribute on the On-Premises Windows AD user account.
- D. Verify the Windows AD DNS domain in Azure AD domains.
- E. Update the On-Premises Windows AD user account UPN to match the email address.

Answer: AB

Explanation:

If you have already set up Active Directory synchronization, the user's UPN may not match the user's on-premises UPN defined in Active Directory. To fix this, rename the user's UPN using the Set-MsolUserPrincipalName cmdlet in the Microsoft Azure Active Directory Module for Windows PowerShell.

<https://msdn.microsoft.com/en-us/library/azure/jj151786.aspx>

QUESTION 6

You develop a Windows Store application that has a web service backend.

You plan to use the Azure Active Directory Authentication Library to authenticate users to Azure Active Directory (Azure AD) and access directory data on behalf of the user.

You need to ensure that users can log in to the application by using their Azure AD credentials.

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

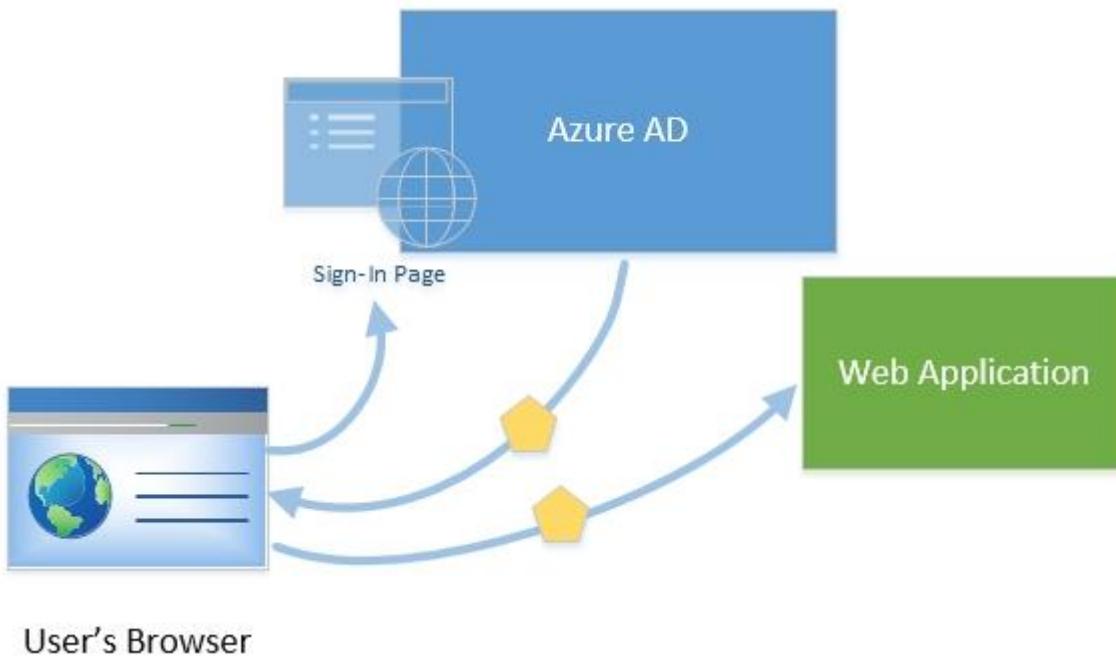
- A. Create a native client application in Azure AD.
- B. Configure directory integration.
- C. Create a web application in Azure AD.
- D. Enable workspace join.
- E. Configure an Access Control namespace.

Answer: AB

Explanation:

B: An application that wants to outsource authentication to Azure AD must be registered in Azure AD, which registers and uniquely identifies the app in the directory.

A Windows Store application that calls a web API that is secured with Azure AD.



Authentication Scenarios for Azure AD, Basics of Authentication in Azure AD
http://msdn.microsoft.com/en-us/library/azure/dn499820.aspx#BKMK_Auth
<https://github.com/AzureADSamples/NativeClient-WindowsStore>

QUESTION 7

Your company plans to migrate from On-Premises Exchange to Office 365.
The existing directory has numerous service accounts in your On-Premises Windows Active Directory (AD), stored in separate AD Organizational Units (OU) for user accounts.
You need to prevent the service accounts in Windows AD from syncing with Azure AD.
What should you do?

- A. Create an OU filter in the Azure AD Module for Windows PowerShell.
- B. Configure directory partitions in miisclient.exe.
- C. Set Active Directory ACLs to deny the DirSync Windows AD service account MSOL_AD_SYNC access to the service account OUs.
- D. Create an OU filter in the Azure Management Portal.

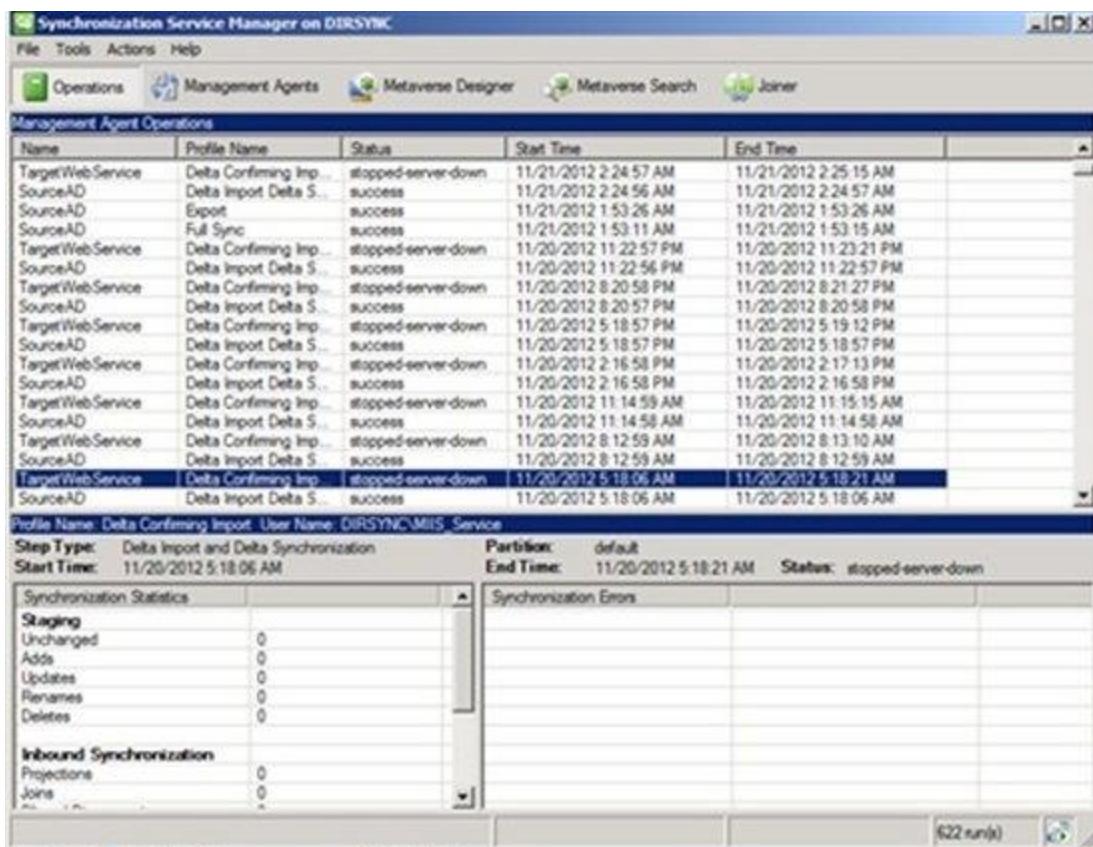
Answer: B

Explanation:

One customer, who was looking for OU level filtering to import selected users from On-Premises active directory to Office365.

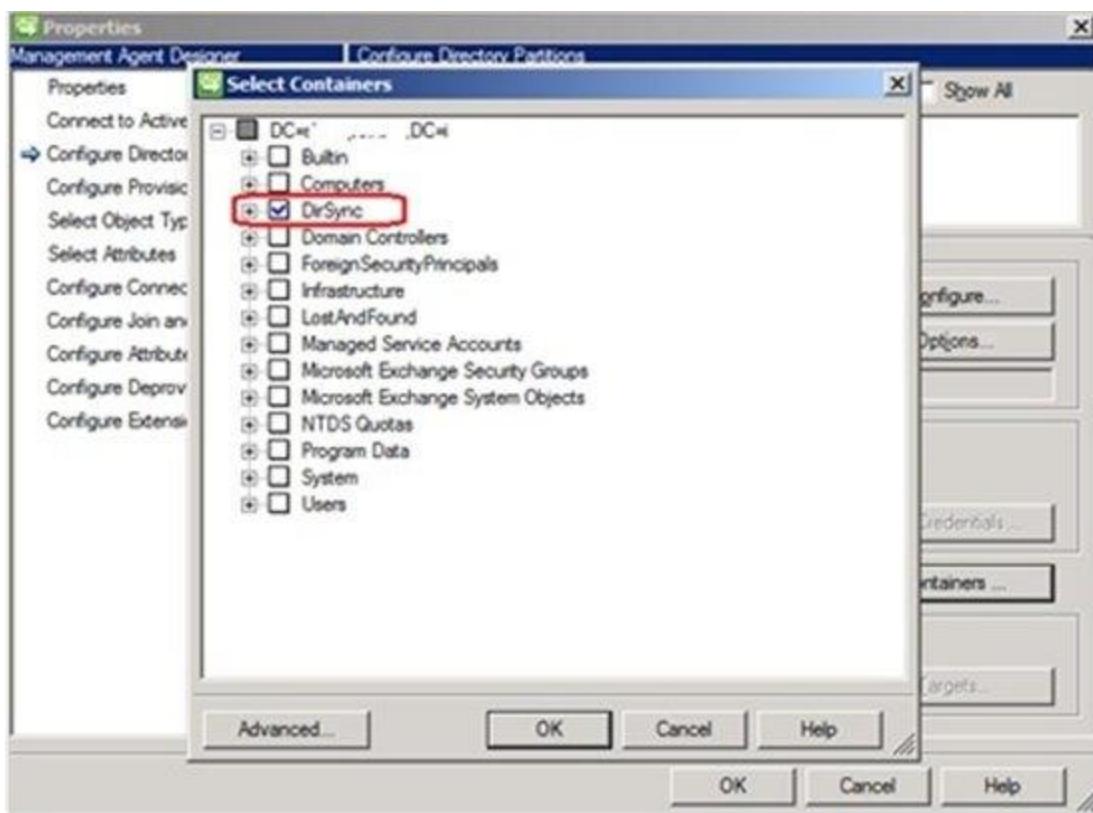
Configure OU level filtering for Office365 directory synchronization.

1. Logged in to your Domain controller
2. Created an OU (Organisational Unit) from your AD (Active Directory) a. In my case I named it "DirSync"
3. Move all those users you want to sync, to that DirSync OU.
4. From your DirSync Server navigate to <Drive>\Program Files\Microsoft Online Directory Sync\SYNCBUS\Synchronization Service\UIShell
5. Double click on miisclient.exe
6. This opens a console something similar to the below screen capture



Identity Manager, click Management Agents, and then double-click SourceAD.

8. Click Configure Directory Partitions, and then click Containers, as shown in the below screen capture.



11. Click OK on the SourceAD Properties page.
 12. Perform a full sync: on the Management Agent tab, right-click SourceAD, click Run, click Full Import Full Sync, and then click OK.
- Etc.
<http://blogs.msdn.com/b/denotation/archive/2012/11/21/installing-and-configure-dirsync-with-ou-level-filtering-for-office365.aspx>

QUESTION 8

You manage an Azure Active Directory (AD) tenant

You plan to allow users to log in to a third-party application by using their Azure AD credentials.

To access the application, users will be prompted for their existing third-party user names and passwords.

You need to add the application to Azure AD.

Which type of application should you add?

- A. Existing Single Sign-On with identity provisioning
- B. Password Single Sign-On with identity provisioning
- C. Existing Single Sign-On without identity provisioning
- D. Password Single Sign-On without identity provisioning

Answer: D

Explanation:

Identity provisioning is not needed because the question mentions “their existing third-party user names and passwords” — in other words, accounts do not need to be created. Furthermore, the question doesn’t suggest that some kind of third-party account–AD account synchronisation is needed. That makes it C or D.

Next, the question says that users will “log in to [the] application by using their Azure AD credentials”. Here I assume that “log in” is talking about every time you use the application, like logging in to Windows. So AAD authentication is needed when they want to use the app. But the question also says “to access the application, users will be prompted for their existing third-party user names and passwords”.

For the nuance of the word “access”, see this text (taken from <https://azure.microsoft.com/en-us/documentation/articles/active-directory-appssoaccess-whatis/>):

“Administrators can assign applications to end users or groups, and allow the end users to enter their own credentials directly upon accessing the application for the first time in their access panel.”

So when users want to use the application for the first time, they have to tell AAD what their application username and password are. From then on, users will log in by using their AAD credentials.

So that makes the answer D, because you’ll enter your username and password once, and AAD will store it for you. After that, you can log in by using your AAD credentials.

QUESTION 9

You plan to use Password Sync on your DirSync Server with Azure Active Directory (Azure AD) on your company network.

You configure the DirSync server and complete an initial synchronization of the users.

Several remote users are unable to log in to Office 365.

You discover multiple event log entries for "Event ID 611 Password synchronization failed for domain."

You need to resolve the password synchronization issue.

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

- A. Restart Azure AD Sync Service.
- B. Run the Set-FullPasswordSync Power Shell cmdlet.
- C. Force a manual synchronization on the DirSync server.
- D. Add the DirSync service account to the Schema Admins domain group.

Answer: BC

Explanation:

Changed AB to BC

<http://jermssmit.com/office-365-initiate-a-full-password-sync-using-dirsync-jermssmit/>

<https://jaapwesselius.com/2014/07/28/force-dirsync-to-synchronize-with-office-365/>

A.Not Correct, Azure AD Sync or AADSsync is the new version of DirSync.

QUESTION 10

You administer an Access Control Service namespace named contosoACS that is used by a web application. ContosoACS currently utilizes Microsoft and Yahoo accounts.

Several users in your organization have Google accounts and would like to access the web application through ContosoACS.

You need to allow users to access the application by using their Google accounts.

What should you do?

- A. Register the application directly with Google.
- B. Edit the existing Microsoft Account identity provider and update the realm to include Google.
- C. Add a new Google identity provider.
- D. Add a new WS-Federation identity provider and configure the WS-Federation metadata to point to the Google sign-in URL.

Answer: C

Explanation:

Configuring Google as an identity provider eliminates the need to create and manage authentication and identity management mechanism. It helps the end user experience if there are familiar authentication procedures.

<http://msdn.microsoft.com/en-us/library/azure/gg185976.aspx>

QUESTION 11

You publish an application named MyApp to Azure Active Directory (Azure AD).

You grant access to the web APIs through OAuth 2.0.

MyApp is generating numerous user consent prompts.

You need to reduce the amount of user consent prompts.

What should you do?

- A. Enable Multi-resource refresh tokens.
- B. Enable WS-federation access tokens.
- C. Configure the Open Web Interface for .NET.
- D. Configure SAML 2.0.

Answer: A**Explanation:**

When using the Authorization Code Grant Flow, you can configure the client to call multiple resources. Typically, this would require a call to the authorization endpoint for each target service. To avoid multiple calls and multiple user consent prompts, and reduce the number of refresh tokens the client needs to cache, Azure Active Directory (Azure AD) has implemented multi-resource refresh tokens. This feature allows you to use a single refresh token to request access tokens for multiple resources.

QUESTION 12

Your company network includes users in multiple directories.

You plan to publish a software-as-a-service application named SaaSApp1 to Azure Active Directory.

You need to ensure that all users can access SaaSApp1.

What should you do?

- A. Configure the Federation Metadata URL
- B. Register the application as a web application.
- C. Configure the application as a multi-tenant.
- D. Register the application as a native client application.

Answer: C**Explanation:**

* When you get deeper into using Windows Azure Active Directory, you'll run into new terminology. For instance, "directory" is also referred to as a Windows Azure AD Tenant or simply as "tenant." This stems from the fact that WAAD (Windows Azure Active Directory) is a shared service for many clients. In this service, every client gets its own separate space for which the client is the tenant. In the case of WAAD this space is a directory. This might be a little confusing, because you can create multiple directories, in WAAD terminology multiple tenants, even though you are a single client.

* Multitenant Applications in Azure

A multitenant application is a shared resource that allows separate users, or "tenants," to view the application as though it was their own. A typical scenario that lends itself to a multitenant application is one in which all users of the application may wish to customize the user experience but otherwise have the same basic business requirements. Examples of large multitenant

applications are Office 365, Outlook.com, and visualstudio.com.
<http://msdn.microsoft.com/en-us/library/azure/dn151789.aspx>

QUESTION 13**Drag and Drop Question**

You administer an Azure SQL database named contosodb that is running in Standard/S1 tier. The database is in a server named server1 that is a production environment. You also administer a database server named server2 that is a test environment. Both database servers are in the same subscription and the same region but are on different physical clusters. You need to copy contosodb to the test environment.

Which three steps 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.

Action	Answer Area
Use DB copy to create a copy of contosodb in server2 named contosodb.	
Set Export Status to Automatic for contosodb in server1.	
Use DB copy to create a copy of contosodb in server1 named contosodbtmp.	
Scale contosodb in server2 to Standard/S1.	
Import the BACPAC file to server2 as contosodb.	
Export contosodbtmp in server1 to a BACPAC file in Azure Blob storage.	
Rename contosodbtmp to contosodb in server1.	
Use Active Geo-Replication and replicate contosodb to server2.	

Answer:

Action	Answer Area
Use DB copy to create a copy of contosodb in server2 named contosodb.	Use DB copy to create a copy of contosodb in server1 named contosodbttmp.
Set Export Status to Automatic for contosodb in server1.	Export contosodbttmp in server1 to a BACPAC file in Azure Blob storage.
Use DB copy to create a copy of contosodb in server1 named contosodbttmp.	Import the BACPAC file to server2 as contosodb.
Scale contosodb in server2 to Standard/S1.	
Import the BACPAC file to server2 as contosodb.	
Export contosodbttmp in server1 to a BACPAC file in Azure Blob storage.	
Rename contosodbttmp to contosodb in server1.	
Use Active Geo-Replication and replicate contosodb to server2.	

QUESTION 14

You are migrating a local virtual machine (VM) to an Azure VM.

You upload the virtual hard disk (VHD) file to Azure Blob storage as a Block Blob.

You need to change the Block Blob to a page blob.

What should you do?

- A. Delete the Block Blob and re-upload the VHD as a page blob.
- B. Update the type of the blob programmatically by using the Azure Storage .NET SDK.
- C. Update the metadata of the current blob and set the Blob-Type key to Page.
- D. Create a new empty page blob and use the Azure Blob Copy Power Shell cmdlet to copy the current data to the new blob.

Answer: A

Explanation:

* To copy the data files to Windows Azure Storage by using one of the following methods:
 AzCopy Tool, Put Blob (REST API) and Put Page (REST API), or Windows Azure Storage Client Library for .NET or a third-party storage explorer tool.

Important: When using this new enhancement, always make sure that you create a page blob not a block blob.

* Azure has two main files storage format:

Page blob: mainly used for vhd's (CloudPageBlob)

Block Blob: for other files (CloudBlockBlob)

<http://msdn.microsoft.com/en-us/library/dn466429.aspx>

QUESTION 15

You administer a Microsoft Azure SQL Database data base in the US Central region named contosodb. Contosodb runs on a Standard tier within the S1 performance level.
You have multiple business-critical applications that use contosodb.
You need to ensure that you can bring contosodb back online in the event of a natural disaster in the US Central region.
You want to achieve this goal with the least amount of downtime.
Which two actions should you perform? Each correct answer presents part of the solution.

- A. Upgrade to S2 performance level.
- B. Use active geo-replication.
- C. Use automated Export.
- D. Upgrade to Premium tier.
- E. Use point in time restore.
- F. Downgrade to Basic tier.

Answer: BD

Explanation:

B: The Active Geo-Replication feature implements a mechanism to provide database redundancy within the same Microsoft Azure region or in different regions (geo-redundancy).

One of the primary benefits of Active Geo-Replication is that it provides a database-level disaster recovery solution. Using Active Geo-Replication, you can configure a user database in the Premium service tier to replicate transactions to databases on different Microsoft Azure SQL Database servers within the same or different regions. Cross-region redundancy enables applications to recover from a permanent loss of a datacenter caused by natural disasters, catastrophic human errors, or malicious acts.

D: Active Geo-Replication is available for databases in the Premium service tier only.

<http://msdn.microsoft.com/en-us/library/azure/dn741339.aspx>

QUESTION 16

Drag and Drop Question

You manage an application deployed to a cloud service that utilizes an Azure Storage account.

The cloud service currently uses the primary access key.

Security policy requires that all shared access keys are changed without causing application downtime.

Which three steps 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.

Action	Answer Area
Update the cloud service configuration with the primary access key.	
Regenerate the primary access key.	
Regenerate the secondary access key.	
Update the cloud service configuration with the secondary access key.	

Answer:

Action	Answer Area
Update the cloud service configuration with the primary access key.	Regenerate the secondary access key.
	Update the cloud service configuration with the secondary access key.
	Regenerate the primary access key.

QUESTION 17

You manage an Azure web app in standard service tier at the following address:

contoso.azurewebsites.net

Your company has a new domain for the site named www.contoso.com that must be accessible by secure socket layer(SSL) encryption.

You need to add a custom domain to the Azure web app and assign an SSL certificate.

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

- A. Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.
- B. Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.
- C. Create a new file that will redirect the site to the new URL and upload it to the Azure Web site.
- D. Add SSL binding for the www.contoso.com domain with the server Nameindication (SNL)SSL option selected.
- E. Add www.contoso.com to the list of domain names as a custom domain.

Answer: BDE

Explanation:

For B

<https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain>

“Map a subdomain (for example, http://www.contoso.com) by using a CNAME record”

For E

You need to add it to the custom domain whether you are buying a new one or using an existing domain this is the documentaiton for using an existing one (for example GoDaddy)

<https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain>

For D

It took me a while to think about it but mcjames has a valid point to choose D over A

QUESTION 18

You manage two datacenters in different geographic regions and one branch office.

You plan to implement a geo-redundant backup solution.

You need to ensure that each datacenter is a cold site for the other.

You create a recovery vault. What should you do next?

- A. Install the provider.
- B. Upload a certificate to the vault.

- C. Generate a vault key.
- D. Set all virtual machines to DHCP.
- E. Prepare System Center Virtual Machine Manager (SCVMM) servers.
- F. Create mappings between the virtual machine (VM) networks.

Answer: C

Explanation:

Within the Azure Portal screen, scroll down to Recovery Services (on the left menu), and click on "Create a New Vault" (this is where your VMs will be replicated to) which will bring up a Data Services / Recovery Services / Site Recovery Vault option, select Quick Create

For the name of the Vault, give it something you'd remember, in my case, I'll call it RandsVault, and I'll choose the Region West US since I'm in the Western United States, then click Create Vault

Once the Vault has been created, click on the Right Arrow next to the name of your vault. Under Setup Recovery, choose "Between an on-premise site and Microsoft Azure" so that you are telling the configuration settings that you are going to be replicating between your on-premise datacenter and Azure in the cloud.

You will now see a list of things you need to do which the first thing is to create a key exchange of certificates between Microsoft Azure and your VMM server.

QUESTION 19

You manage a collection of large video files that is stored in an Azure Storage account.

A user wants access to one of your video files within the next seven days.

You need to allow the user access only to the video file, and then revoke access once the user no longer needs it.

What should you do?

- A. Give the user the secondary key for the storage account.
Once the user is done with the file, regenerate the secondary key.
- B. Create an Ad-Hoc Shared Access Signature for the Blob resource.
Set the Shared Access Signature to expire in seven days.
- C. Create an access policy on the container.
Give the external user a Shared Access Signature for the blob by using the policy.
Once the user is done with the file, delete the policy.
- D. Create an access policy on the blob.
Give the external user access by using the policy.
Once the user is done with the file, delete the policy.

Answer: C

Explanation:

See 3) below.

By default, only the owner of the storage account may access blobs, tables, and queues within that account. If your service or application needs to make these resources available to other clients without sharing your access key, you have the following options for permitting access:

1. You can set a container's permissions to permit anonymous read access to the container and its blobs. This is not allowed for tables or queues.
2. You can expose a resource via a shared access signature, which enables you to delegate restricted access to a container, blob, table or queue resource by specifying the interval for which the resources are available and the permissions that a client will have to it.
3. You can use a stored access policy to manage shared access signatures for a container or its blobs, for a queue, or for a table. The stored access policy gives you an additional measure of control over your shared access signatures and also provides a straightforward means to revoke them.

QUESTION 20

You administer an Azure Storage account named contoso storage.
The account has queue containers with logging enabled.
You need to view all log files generated during the month of July 2014.
Which URL should you use to access the list?

- A. `http://contosostorage.queue.core.windows.net/Slogs?restype=container&comp=list&prefix=queue/2014/07`
- B. `http://contosostorage.queue.core.windows.net/Sfiles?restype=container&comp=list&prefix=queue/2014/07`
- C. `http://contosostorage.blob.core.windows.net/Sfiles?restype=container&comp=list&prefix=blob/2014/07`
- D. `http://contosostorage.blob.core.windows.net/Slogs?restype=container&comp=list&prefix=blob/2014/07`

Answer: D

Explanation:

All logs are stored in block blobs in a container named \$logs, which is automatically created when Storage Analytics is enabled for a storage account. The \$logs container is located in the blob namespace of the storage account, for example: `http://blob.core.windows.net/$logs`.
This container cannot be deleted once Storage Analytics has been enabled, though its contents can be deleted.

<http://msdn.microsoft.com/library/azure/hh343262.aspx>

QUESTION 21

You manage an Azure subscription with virtual machines (VMs) that are running in Standard mode.

You need to reduce the storage costs associated with the VMs.

What should you do?

- A. Locate and remove orphaned disks.
- B. Add the VMs to an affinity group.
- C. Change VMs to the Basic tier.
- D. Delete the VHD container.

Answer: C

Explanation:

Standard offers 50 GB of storage space, while Basic only gives 10 GB but it will save costs.
<http://azure.microsoft.com/en-us/pricing/details/websites/>

QUESTION 22

You manage several Azure virtual machines (VMs).

You create a custom image to be used by employees on the development team.

You need to ensure that the custom image is available when you deploy new servers.

Which Azure Power Shell cmdlet should you use?

- A. Update-AzureVMImage
- B. Add-AzureVhd
- C. Add-AzureVMImage
- D. Update-AzureDisk
- E. Add-AzureDataDisk

Answer: C

Explanation:

The Add-AzureVMImage cmdlet adds an operating system image to the image repository. The image should be a generalized operating system image, using either Sysprep for Windows or, for Linux, using the appropriate tool for the distribution.

Example

This example adds an operating system image to the repository.

Windows PowerShell

```
C:\PS>Add-AzureVMImage -ImageName imageName -MediaLocation  
http://yourstorageaccount.blob.core.azure.com/container/sampleImage.vhd -Label
```

QUESTION 23

You manage an Azure virtual network that hosts 15 virtual machines (VMs) on a single subnet which is used for testing a line of business (LOB) application.

The application is deployed to a VM named TestWebServiceVM.

You need to ensure that TestWebServiceVM always starts by using the same IP address.

You need to achieve this goal by using the least amount of administrative effort.

What should you do?

- A. Use the Management Portal to configure TestWebServiceVM.
- B. Use RDP to configure TestWebServiceVM.
- C. Run the Set-AzureStaticVNetIP PowerShell cmdlet.
- D. Run the Get-AzureReservedIP PowerShell cmdlet.

Answer: C

Explanation:

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
```

```
http://msdn.microsoft.com/en-us/library/azure/dn630228.aspx
```

QUESTION 24

Drag and Drop Question

You administer two virtual machines (VMs) that are deployed to a cloud service.

The VMs are part of a virtual network.

The cloud service monitor and virtual network configuration are configured as shown in the exhibits. (Click the Exhibits button.)

fabsvc



fabrikamvnet

 DASHBOARD CONFIGURE CERTIFICATES

dns servers

point-to-site connectivity

CONNECTION

 Configure point-to-site connectivity

virtual network address spaces

ADDRESS SPACE	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
172.16.0.0/23	172.16.0.0	/23 (507)	172.16.0.4 - 172.16.1.254
SUBNETS			
Subnet-1	172.16.0.0	/26 (59)	172.16.0.4 - 172.16.0.62
Subnet-2	172.16.0.64	/26 (59)	172.16.0.68 - 172.16.0.126

[add subnet](#)[add address space](#)

You need to create an internal load balancer named fabLoadBalancer that has a static IP address of 172.16.0.100.

Which value should you use in each parameter of the Power Shell command? To answer, drag the appropriate value to the correct location in the Power Shell command. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Values	PowerShell command parameter
fabSvc1	Add-AzureInternalLoadBalancer -InternalLoadBalancerName fabLoadBalancer
fabSvc2	-ServiceName <input type="text"/>
fabSvc	-SubnetName <input type="text"/>
fabrikamVNet	-StaticVNetIPAddress 172.16.0.100
Subnet-1	
Subnet-2	

Answer:

Values	PowerShell command parameter
fabSvc1	Add-AzureInternalLoadBalancer -InternalLoadBalancerName fabLoadBalancer
fabSvc2	-ServiceName <input type="text"/> fabSvc
fabSvc	-SubnetName <input type="text"/> Subnet-2
fabrikamVNet	-StaticVNetIPAddress 172.16.0.100
Subnet-1	
Subnet-2	

QUESTION 25

Your network environment includes remote employees.

You need to create a secure connection for the remote employees who require access to your Azure virtual network.

What should you do?

- A. Deploy Windows Server 2012 RRAS.
- B. Configure a point-to-site VPN.
- C. Configure an ExpressRoute.
- D. Configure a site-to-site VPN.

Answer: B

Explanation:

New Point-To-Site Connectivity

With today's release we've added an awesome new feature that allows you to setup VPN connections between individual computers and a Windows Azure virtual network without the need for a VPN device. We call this feature Point-to-Site Virtual Private Networking. This feature

greatly simplifies setting up secure connections between Windows Azure and client machines, whether from your office environment or from remote locations.

It is especially useful for developers who want to connect to a Windows Azure Virtual Network (and to the individual virtual machines within it) from either behind their corporate firewall or a remote location. Because it is point-to-site they do not need their IT staff to perform any activities to enable it, and no VPN hardware needs to be installed or configured. Instead you can just use the built-in Windows VPN client to tunnel to your Virtual Network in Windows Azure.

<http://azure.microsoft.com/blog/2013/04/26/virtual-network-adds-new-capabilities-for-cross-premises-connectivity/>

QUESTION 26

Drag and Drop Question

Your development team has created a new solution that is deployed in a virtual network named fabDevVNet.

Your testing team wants to begin testing the solution in a second Azure subscription.

You need to create a virtual network named fabTestVNet that is identical to fabDevVNet.

You want to achieve this goal by using the least amount of administrative effort.

Which three steps 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.

Action	Answer Area
In the Management Portal, rename the virtual network to fabTestVNet in the testing subscription.	
In the development subscription, import the network configuration.	
In the testing subscription, import the network configuration.	
In the development subscription, export the network configuration.	
Create a virtual network by using the Management Portal in the testing subscription.	
In the network configuration file, set the name attribute of the VirtualNetworkSite to fabTestVNet.	
In the testing subscription, export the network configuration.	

Answer:

Action	Answer Area
In the Management Portal, rename the virtual network to fabTestVNet in the testing subscription.	In the development subscription, export the network configuration.
In the development subscription, import the network configuration.	In the network configuration file, set the name attribute of the VirtualNetworkSite to fabTestVNet.
In the testing subscription, import the network configuration.	In the testing subscription, import the network configuration.
In the development subscription, export the network configuration.	
Create a virtual network by using the Management Portal in the testing subscription.	
In the network configuration file, set the name attribute of the VirtualNetworkSite to fabTestVNet.	
In the testing subscription, export the network configuration.	

QUESTION 27

Drag and Drop Question

You have a solution deployed into a virtual network in Azure named fabVNet.

The fabVNet virtual network has three subnets named Apps, Web, and DB that are configured as shown in the exhibit. (Click the Exhibits button.)

virtual network address spaces

ADDRESS SPACE	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
10.0.0.0/23	10.0.0.0	/23 (507)	10.0.0.4 - 10.0.1.254
SUBNETS			
Apps	10.0.0.0	/26 (59)	10.0.0.4 - 10.0.0.62
Web	10.0.0.64	/29 (3)	10.0.0.68 - 10.0.0.70
DB	10.0.0.72	/29 (3)	10.0.0.76 - 10.0.0.78

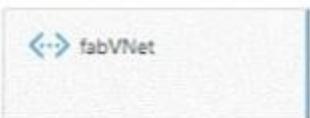
add subnet

add address space

fabvnet

 DASHBOARD CONFIGURE CERTIFICATES

virtual network



resources

NAME	ROLE	IP ADDRESS	SUBNET NAME	P
fabApp1	Virtual Machine	10.0.0.4	Apps	
fabDB1	Virtual Machine	10.0.0.76	DB	
fabDB2	Virtual Machine	10.0.0.77	DB	
Svc2WebRole_IN_0	Svc2WebRole	10.0.0.68	Web	

You want to deploy two new VMs to the DB subnet.

You need to modify the virtual network to expand the size of the DB subnet to allow more IP addresses.

Which three steps 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.

Action	Answer Area
Empty and delete the Web Subnet.	
Empty and reconfigure the DB subnet to be larger.	
Empty and delete the Virtual Network.	
Empty and reconfigure the Web subnet to be larger.	
Recreate the Virtual Network as now required.	
Create the Web subnet to be larger.	
Empty and delete the DB Subnet.	
Create the DB subnet to be larger.	

Answer:

Action	Answer Area
Empty and delete the Web Subnet.	Empty and delete the DB Subnet.
Empty and reconfigure the DB subnet to be larger.	Empty and reconfigure the Web subnet to be larger.
Empty and delete the Virtual Network.	Create the DB subnet to be larger.
Recreate the Virtual Network as now required.	
Create the Web subnet to be larger.	

QUESTION 28

You manage a cloud service that has a web role named fabWeb.

You create a virtual network named fabVNet that has two subnets defined as Web and Apps.

You need to be able to deploy fabWeb into the Web subnet.

What should you do?

- A. Modify the service definition (csdef) for the cloud service.
- B. Run the Set-AzureSubnet PowerShell cmdlet.
- C. Run the Set-AzureVNetConfig PowerShell cmdlet.
- D. Modify the network configuration file.
- E. Modify the service configuration (cscfg) for the fabWeb web role.

Answer: E

Explanation:

To deploy a cloud service into the Apps subnet in the virtual network, you need to add a element to the cloud service configuration file with settings identifying the Apps subnet in the virtual network.

When the cloud service with this configuration is deployed, Azure will identify the network configuration and provision the virtual machine instances in the Apps subnet.

<https://outhereinthefield.wordpress.com/2014/05/23/adding-a-windows-azure-cloud-service-to-virtual-network/>

QUESTION 29

Drag and Drop Question

You manage two solutions in separate Azure subscriptions.

You need to ensure that the two solutions can communicate on a private network.

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.

Action	Answer Area
Check ExpressRoute on the virtual network configuration page.	
Update the connection certificate.	
Create the static routing gateways.	
Connect the VPN gateways.	
Add local networks to the VNets.	
Run Set-AzureVNetIP PowerShell cmdlet.	
Create the dynamic routing gateways.	
Edit the ACL on the virtual network gateway to accept connections.	

Answer:

Action	Answer Area
Check ExpressRoute on the virtual network configuration page.	Add local networks to the VNets.
Update the connection certificate.	Create the dynamic routing gateways.
Create the static routing gateways.	
Connect the VPN gateways.	Connect the VPN gateways.
Add local networks to the VNets.	
Run Set-AzureVNetIP PowerShell cmdlet.	
Create the dynamic routing gateways.	
Edit the ACL on the virtual network gateway to accept connections.	

Explanation:

Note: In this procedure, we'll walk you through connecting two virtual networks, VNet1 and VNet2. You'll need to be comfortable with networking in order to substitute the IP address ranges that are compatible with your network design requirements. From an Azure virtual network, connecting to another Azure virtual network is the same as connecting to an on premises network via Site-to-site (S2S) VPN.

This procedure primarily uses the Management Portal, however, you must use Microsoft Azure PowerShell cmdlets to connect the VPN gateways.

QUESTION 30

Your company has recently signed up for Azure.

You plan to register a Data Protection Manager (DPM) server with the Azure Backup service.

You need to recommend a method for registering the DPM server with the Azure Backup vault.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Import a self-signed certificate created using the makecert tool.
- B. Import a self-signed certificate created using the createcert tool.
- C. Import an X.509 v3 certificate with valid clientauthentication EKU.
- D. Import an X.509 v3 certificate with valid serverauthentication EKU.

Answer: AC

Explanation:

A: You can create a self-signed certificate using the makecert tool, or use any valid SSL certificate issued by a Certification Authority (CA) trusted by Microsoft, whose root certificates are distributed via the Microsoft Root Certificate Program.

C: The certificate must have a valid ClientAuthentication EKU.

<http://technet.microsoft.com/en-us/library/dn296608.aspx>

QUESTION 31

Hotspot Question

You manage an Azure subscription.

You develop a storage plan with the following requirements:

- Database backup files that are generated once per year are retained for ten years.
- High performance system telemetry logs are created constantly and processed for analysis every month.

In the table below, identify the storage redundancy type that must be used. Make only one selection in each column.

Redundancy	DB Backups	Telemetry Logs
Locally redundant storage (LRS)	<input type="radio"/>	<input type="radio"/>
Zone-redundant storage (ZRS)	<input type="radio"/>	<input type="radio"/>
Geo-redundant storage (GRS)	<input type="radio"/>	<input type="radio"/>
Read-access geo-redundant storage (RA-GRS)	<input type="radio"/>	<input type="radio"/>

Answer:

Redundancy	DB Backups	Telemetry Logs
Locally redundant storage (LRS)	<input type="radio"/>	<input checked="" type="radio"/>
Zone-redundant storage (ZRS)	<input type="radio"/>	<input type="radio"/>
Geo-redundant storage (GRS)	<input checked="" type="radio"/>	<input type="radio"/>
Read-access geo-redundant storage (RA-GRS)	<input type="radio"/>	<input type="radio"/>

QUESTION 32

You administer an Azure Storage account with a blob container.
 You enable Storage account logging for read, write and delete requests.
 You need to reduce the costs associated with storing the logs.
 What should you do?

- A. Execute Delete Blob requests over https.
- B. Create an export job for your container.
- C. Set up a retention policy.
- D. Execute Delete Blob requests over http.

Answer: C

Explanation:

To ease the management of your logs, we have provided the functionality of retention policy which will automatically cleanup 'old' logs without you being charged for the cleanup. It is recommended that you set a retention policy for logs such that your analytics data will be within the 20TB limit allowed for analytics data (logs and metrics combined).
<http://blogs.msdn.com/b/windowsazurestorage/archive/2011/08/03/windows-azure-storage-logging-using-logs-to-track-storage-requests.aspx>

QUESTION 33

You administer an Azure Storage account named contosostorage.
 The account has a blob container to store image files.
 A user reports being unable to access an image file.
 You need to ensure that anonymous users can successfully read image files from the container.
 Which log entry should you use to verify access?

- A. 1.0;2014-06-19T01:33:54.0926521Z;GetBlob;AnonymousSuccess;201;197;54;anonymous;contosostorage;contosostorage;blob;"https://contosostorage.blob.core.windows.net/images/00001.jpg"/;contosostorage/images/00001.jpg";a200be85-1c98-4dd9-918e-f13d8c0538e0;0;192.100.0.102:4362;2014-02-14;460;23;225;0;23;"DrP06z1f005Csomhaf+J/A==";"DrP06z1f005Csomhaf+J/A==";""0x8D15975AA456EA4"";Thursday, 19-Jun-14 01:33:53 GMT;WA-Storage/4.0.1 (.NET CLR 4.0.30319.34014;Win32NT 6.3.9600.0)";"1fe6814a-e4cb-4195-a3cf-837dc7120f68"

- B. 1.0;2014-06-19T01:33:54.0926521Z;GetBlobProperties;AnonymousSuccess;201;197;54;anonymous;contosostorage;contosostorage;blob;"https://contosostorage.blob.core.windows.net/images/00001.jpg"/;contosostorage/images/00001.jpg";a200be85-1c98-4dd9-918e-f13d8c0538e0;0;192.100.0.102:4362;2014-02-14;460;23;225;0;23;"DrP06z1f005Csomhaf+J/A==";"DrP06z1f005Csomhaf+J/A==";""0x8D15975AA456EA4"";Thursday, 19-Jun-14 01:33:53 GMT;WA-Storage/4.0.1 (.NET CLR 4.0.30319.34014;Win32NT 6.3.9600.0)";"1fe6814a-e4cb-4195-a3cf-837dc7120f68"

- C. 1.0;2014-06-19T01:33:54.0926521Z;GetBlob;Success;201;197;54;authenticated;contosostorage;contosostorage;blob;"https://contosostorage.blob.core.windows.net/images/00001.jpg"/;contosostorage/images/00001.jpg";a200be85-1c98-4dd9-918e-f13d8c0538e0;0;192.100.0.102:4362;2014-02-14;460;23;225;0;23;"DrP06z1f005Csomhaf+J/A==";"DrP06z1f005Csomhaf+J/A==";""0x8D15975AA456EA4"";Thursday, 19-Jun-14 01:33:53 GMT;WA-Storage/4.0.1 (.NET CLR 4.0.30319.34014;Win32NT 6.3.9600.0)";"1fe6814a-e4cb-4195-a3cf-837dc7120f68"

- D. 1.0;2014-06-19T01:33:54.0926521Z;GetBlobProperties;Success;201;197;54;authenticated;contosostorage;contosostorage;blob;"https://contosostorage.blob.core.windows.net/images/00001.jpg"/;contosostorage/images/00001.jpg";a200be85-1c98-4dd9-918e-f13d8c0538e0;0;192.100.0.102:4362;2014-02-14;460;23;225;0;23;"DrP06z1f005Csomhaf+J/A==";"DrP06z1f005Csomhaf+J/A==";""0x8D15975AA456EA4"";Thursday, 19-Jun-14 01:33:53 GMT;WA-Storage/4.0.1 (.NET CLR 4.0.30319.34014;Win32NT 6.3.9600.0)";"1fe6814a-e4cb-4195-a3cf-837dc7120f68"

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

Explanation:

<http://blogs.msdn.com/b/windowsazurestorage/archive/2011/08/03/windows-azure-storage-logging-using-logs-to-track-storage-requests.aspx>

QUESTION 34

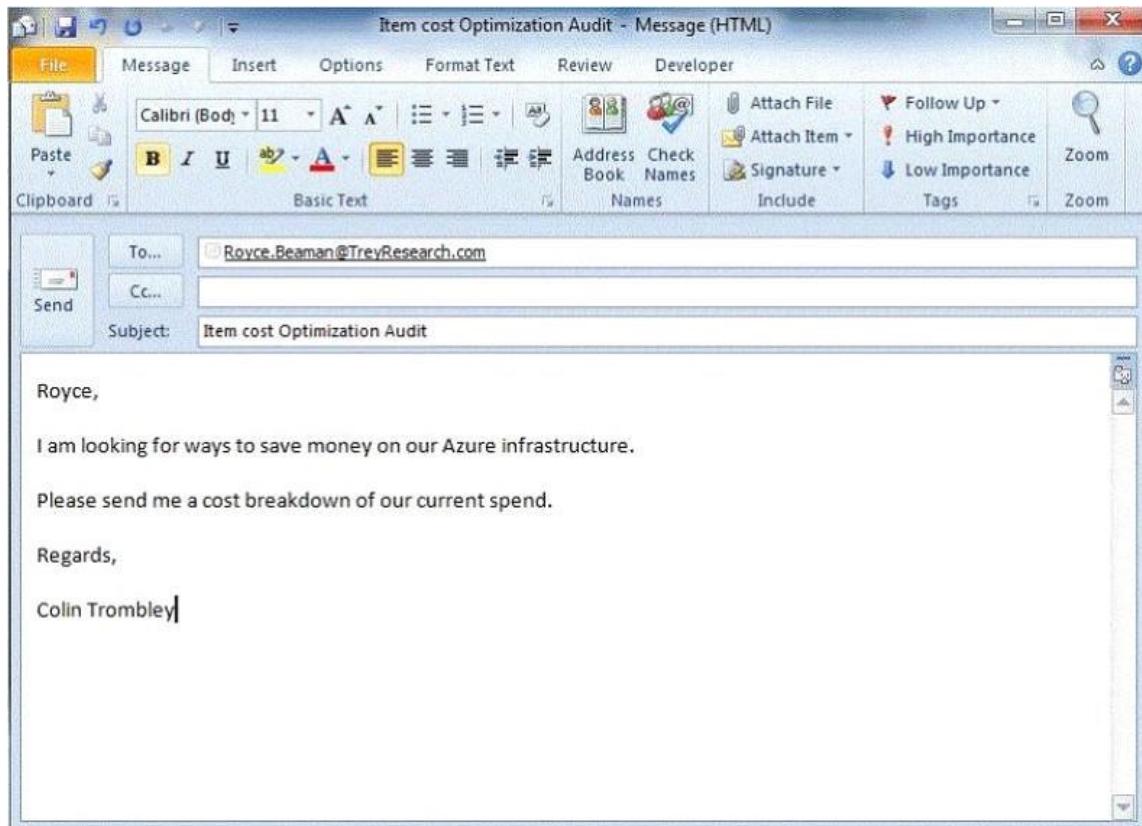
Hotspot Question

You have an Azure SQL Database named Contosodb.

Contosodb is running in the Standard/S2 tier and has a service level objective of 99 percent. You review the service tiers in Microsoft Azure SQL Database as well as the results of running performance queries for the usage of the database for the past week as shown in the exhibits. (Click the Exhibits button.)

Average CPU Utilization In Percent	Maximum CPU Utilization In Percent	Average Physical Data Read Utilization In Percent	Maximum Physical Data Read Utilization In Percent	Average Log Write Utilization In Percent	Maximum Log Write Utilization In Percent
23.4	93.1	21.0	48.0	21.7	61.0

CPU Fit Percent	Log Write Fit Percent	Physical Data Read Fit Percent
99.7	99.8	99.6



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

	Yes	No
The database can be moved to the Basic tier without compromising performance.	<input type="radio"/>	<input type="radio"/>
The database can be moved to the Standard/S1 tier without compromising performance.	<input type="radio"/>	<input type="radio"/>
The database must be moved to the Premium/P1 tier to satisfy the service level objective.	<input type="radio"/>	<input type="radio"/>

Answer:

	Yes	No
The database can be moved to the Basic tier without compromising performance.	<input type="radio"/>	<input checked="" type="radio"/>
The database can be moved to the Standard/S1 tier without compromising performance.	<input checked="" type="radio"/>	<input type="radio"/>
The database must be moved to the Premium/P1 tier to satisfy the service level objective.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

* The P1 performance level has 100 DTUs compared to the 200 DTUs of the P2 performance level. That means that the P1 performance level provides half the performance of the P2 performance level. So 50% of CPU utilization in P2 equals 100% CPU utilization in P1. As long as the application does not have timeouts, it may not matter if a big job takes 2 hours or 2.5 hours to complete as long as it gets done today. An application in this category can probably just use a P1 performance level. You can take advantage of the fact that there are periods of time during the day where resource usage is lower, meaning that any "big peak" might spill over into one of the

Service Tier/Performance Level	DTU	MAX DB Size	Max Worker Threads	Max Sessions	Predictability
Basic	5	2 GB	30	300	Good
Standard/S0	10	250 GB	60	600	Better
Standard/S1	20	250 GB	90	900	Better
Standard/S2	50	250 GB	120	1,200	Better
Premium/P1	100	500 GB	200	2,400	Best
Premium/P2	200	500 GB	400	4,800	Best
Premium/P3	800	500 GB	1,600	19,200	Best

QUESTION 35

Your company is launching a public website that allows users to stream videos. You upload multiple video files to an Azure storage container. You need to give anonymous users read access to all of the video files in the storage container. What should you do?

- A. Edit each blob's metadata and set the access policy to Public Blob.
- B. Edit the container metadata and set the access policy to Public Container.
- C. Move the files into a container sub-directory and set the directory access level to Public Blob.
- D. Edit the container metadata and set the access policy to Public Blob.

Answer: D

Explanation:

By default, the container is private and can be accessed only by the account owner. To allow public read access to the blobs in the container, but not the container properties and metadata, use the "Public Blob" option. To allow full public read access for the container and blobs, use the "Public Container" option.

<https://azure.microsoft.com/en-gb/documentation/articles/storage-manage-access-to-resources/>

QUESTION 36

Hotspot Question

You manage a public-facing web application which allows authenticated users to upload and download large files. On the initial public page there is a promotional video.

You plan to give users access to the site content and promotional video.

In the table below, identify the access method that should be used for the anonymous and authenticated parts of the application. Make only one selection in each column.

Access Method	Anonymous	Authenticated
Create an Access Policy per user and provide Read and Write access to the blob files by using Shared Access Signatures.	<input type="radio"/>	<input type="radio"/>
Create Ad-Hoc Shared Access Signatures to provide read-only access to the blob files.	<input type="radio"/>	<input type="radio"/>
Create Ad-Hoc Shared Access Signatures to provide Read and Write access to the blob files.	<input type="radio"/>	<input type="radio"/>
Make the blob container public.	<input type="radio"/>	<input type="radio"/>

Answer:

Access Method	Anonymous	Authenticated
Create an Access Policy per user and provide Read and Write access to the blob files by using Shared Access Signatures.	<input type="radio"/>	<input checked="" type="radio"/>
Create Ad-Hoc Shared Access Signatures to provide read-only access to the blob files.	<input type="radio"/>	<input type="radio"/>
Create Ad-Hoc Shared Access Signatures to provide Read and Write access to the blob files.	<input type="radio"/>	<input type="radio"/>
Make the blob container public.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

<https://docs.microsoft.com/en-us/azure/storage/storage-dotnet-shared-access-signature-part-1>
<https://docs.microsoft.com/en-us/azure/storage/storage-manage-access-to-resources>

QUESTION 37

Drag and Drop Question

Your company network includes a single forest with multiple domains.

You plan to migrate from On-Premises Exchange to Exchange Online.

You want to provision the On-Premises Windows Active Directory (AD) and Azure Active Directory (Azure AD) service accounts.

You need to set the required permissions for the Azure AD service account.

Which settings should you use? To answer, drag the appropriate permission to the service account. Each permission 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.

Permissions

Enterprise Admin

Domain Admin

Global Admin

Password Admin

IIS Admin

Service Account

Azure AD

Permission

Permission

Answer:
Permissions

Domain Admin

Password Admin

IIS Admin

Service Account

Azure AD

Enterprise Admin

Global Admin

Explanation:

When you run the Directory Sync tool Configuration Wizard, you must provide the following information:

Enterprise admin credentials for the on-premises Active Directory schema
 Global admin credentials for the Microsoft cloud service

<https://support.microsoft.com/kb/2684395?wa=wsignin1.0>

QUESTION 38

Hotspot Question

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

You add a custom application to the tenant.

The application must be able to:

- Read data from the tenant directly.

- Write data to the tenant on behalf of a user.

In the table below, identify the permission that must be granted to the application. Make only one selection in each column.

Permission	Application Permission	Delegated Permission
Read and write directory data.	<input type="radio"/>	<input type="radio"/>
Read directory data.	<input type="radio"/>	<input type="radio"/>
Access your organization's directory.	<input type="radio"/>	<input type="radio"/>
Enable sign-on and read users' profiles.	<input type="radio"/>	<input type="radio"/>

Answer:

Permission	Application Permission	Delegated Permission
Read and write directory data.	<input type="radio"/>	<input checked="" type="radio"/>
Read directory data.	<input checked="" type="radio"/>	<input type="radio"/>
Access your organization's directory.	<input type="radio"/>	<input type="radio"/>
Enable sign-on and read users' profiles.	<input type="radio"/>	<input type="radio"/>

Explanation:

<http://msdn.microsoft.com/en-us/library/azure/dn132599.aspx>

QUESTION 39

Your company plans to migrate from On-Premises Exchange to Exchange Online in Office 365. You plan to integrate your existing Active Directory Domain Services (AD DS) infrastructure with Azure AD.

You need to ensure that users can log in by using their existing AD DS accounts and passwords. You need to achieve this goal by using minimal additional systems. Which two actions should you perform? Each answer presents part of the solution.

- A. Configure Password Sync.
- B. Set up a DirSync Server.
- C. Set up an Active Directory Federation Services Server.
- D. Set up an Active Directory Federation Services Proxy Server.

Answer: AB
Explanation:

'Directory Sync with Password Sync Scenario' Applies To: Azure, Office 365, Windows Intune
 Password sync is an extension to the Directory Sync Scenario. With directory sync, you can manage the entire lifecycle of your cloud user and group accounts using your on-premise Active Directory management tools.

When password sync is enabled on your directory sync computer, your users will be able to sign into Microsoft cloud services, such as Office 365, Dynamics CRM, and Windows InTune, using the same password as they use when logging into your on-premises network. When your users change their passwords in your corporate network, those changes are synchronized to the cloud.

<http://technet.microsoft.com/en-us/library/dn441214.aspx>

QUESTION 40

Drag and Drop Question

You publish a multi-tenant application named MyApp to Azure Active Directory (Azure AD). You need to ensure that only directory administrators from the other organizations can access MyApp's web API.

How should you configure MyApp's manifest JSON file? To answer, drag the appropriate PowerShell command to the correct location in the application's manifest JSON file. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

PowerShell command	Manifest JSON file
user_impersonation	service on behalf of the signed-in user", "directAccessGrantTypes": [], "displayName": "Have full access to the Todo List service", "impersonationAccessGrantTypes": [{ "impersonated": "User", "impersonator": "Application" } , "isDisabled": <input type="text"/> PowerShell command , "origin": "Application", "permissionId": "b69ee3c9-c40d-4f2a-ac80-961cd1534e40", "resourceScopeType": " <input type="text"/> PowerShell command ", "userConsentDescription": "Allow the application full access to the todo service on your behalf", "userConsentDisplayName": "Have full access to the todo service"] ,
application_impersonation	
False	
True	
Personal	
Global	

Answer:

PowerShell command	Manifest JSON file
user_impersonation	service on behalf of the signed-in user", "directAccessGrantTypes": [], "displayName": "Have full access to the Todo List service", "impersonationAccessGrantTypes": [{ "impersonated": "User", "impersonator": "Application" } , "isDisabled": <input type="text"/> False , "origin": "Application", "permissionId": "b69ee3c9-c40d-4f2a-ac80-961cd1534e40", "resourceScopeType": " <input type="text"/> Global ", "userConsentDescription": "Allow the application full access to the todo service on your behalf", "userConsentDisplayName": "Have full access to the todo service"] ,
application_impersonation	
False	
True	
Personal	
Global	

QUESTION 41

You manage a software-as-a-service application named SaaSApp1 that provides user management features in a multi-directory environment.

You plan to offer SaaSApp1 to other organizations that use Azure Active Directory. You need to ensure that SaaSApp1 can access directory objects. What should you do?

- A. Configure the Federation Metadata URL
- B. Register SaaSApp1 as a native client application.
- C. Register SaaSApp1 as a web application.
- D. Configure the Graph API.

Answer: D

Explanation:

The Azure Active Directory Graph API provides programmatic access to Azure AD through REST API endpoints. Applications can use the Graph API to perform create, read, update, and delete (CRUD) operations on directory data and objects. For example, the Graph API supports the following common operations for a user object:

- / Create a new user in a directory
- / Get a user's detailed properties, such as their groups / Update a user's properties, such as their location and phone number, or change their password
- / Check a user's group membership for role-based access / Disable a user's account or delete it entirely

<http://msdn.microsoft.com/en-us/library/azure/hh974476.aspx>

QUESTION 42

You administer an Azure Active Directory (Azure AD) tenant where Box is configured for:

- Application Access
- Password Single Sign-on

An employee moves to an organizational unit that does not require access to Box through the Access Panel.

You need to remove only Box from the list of applications only for this user.

What should you do?

- A. Delete the user from the Azure AD tenant.
- B. Delete the Box Application definition from the Azure AD tenant.
- C. From the Management Portal, remove the user's assignment to the application.
- D. Disable the user's account in Windows AD.

Answer: C

Explanation:

Note: Use Azure AD to manage user access, provision user accounts, and enable single sign-on with Box. Requires an existing Box subscription

QUESTION 43

You administer an Azure Active Directory (Azure AD) tenant that has a SharePoint web application named TeamSite1. TeamSite1 accesses your Azure AD tenant for user information. The application access key for TeamSite1 has been compromised.

You need to ensure that users can continue to use TeamSite1 and that the compromised key does not allow access to the data in your Azure AD tenant.

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

- A. Remove the compromised key from the application definition for TeamSite1.

- B. Delete the application definition for TeamSite1.
- C. Generate a new application key for TeamSite1.
- D. Generate a new application definition for TeamSite1.
- E. Update the existing application key.

Answer: AC

Explanation:

One of the security aspects of Windows Azure storage is that all access is protected by access keys.

It is possible to change the access keys (e.g. if the keys become compromised), and if changed, we'd need to update the application to have the new key.

QUESTION 44

You administer a DirSync server configured with Azure Active Directory (Azure AD).

You need to provision a user in Azure AD without waiting for the default DirSync synchronization interval.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Restart the DirSync server.
- B. Run the Start-OnlineCoexistenceSync PowerShell cmdlet.
- C. Run the Enable-SyncShare PowerShell cmdlet.
- D. Run the Azure AD Sync tool Configuration Wizard.
- E. Replicate the Directory in Active Directory Sites and Services.

Answer: BD

Explanation:

If you don't want to wait for the recurring synchronizations that occur every three hours, you can force directory synchronization at any time.

B: Force directory synchronization using Windows PowerShell

You can use the directory synchronization Windows PowerShell cmdlet to force synchronization. The cmdlet is installed when you install the Directory Sync tool. On the computer that is running the Directory Sync tool, start PowerShell, type Import-Module DirSync, and then press ENTER. Type Start-OnlineCoexistenceSync, and then press ENTER.

D: Azure Active Directory Sync Services (AAD Sync) In September 2014 the Microsoft Azure AD Sync tool was released. This changed how manual sync requests are issued.

To perform a manual update we now use the DirectorySyncClientCmd.exe tool. The Delta and Initial parameters are added to the command to specify the relevant task.

This tool is located in:

C:\Program Files\Microsoft Azure AD Sync\Bin

You can use the directory synchronization Windows PowerShell cmdlet to force synchronization. The cmdlet is installed when you install the Directory Sync tool. On the computer that is running the Directory Sync tool, start PowerShell, type Import-Module DirSync, and then press ENTER. Type Start-OnlineCoexistenceSync, and then press ENTER.

QUESTION 45

Hotspot Question

You manage an Internet Information Services (IIS) 6 website named contososite1. Contososite1 runs a legacy ASP.NET 1.1 application named LegacyApp1. LegacyApp1 does not contain any integration with any other systems or programming languages.

You deploy contososite1 to Azure Web Sites.

You need to configure Azure Web Sites.

You have the following requirements:

- LegacyApp1 runs correctly.
- The application pool does not recycle.

Which settings should you configure to meet the requirements? To answer, select the appropriate settings in the answer area.

general

.NET FRAMEWORK VERSION

V3.5	V4.5
------	------

PHP VERSION

OFF	5.3	5.4	5.5
-----	-----	-----	-----

JAVA VERSION

OFF	1.7.0_51
-----	----------

PYTHON VERSION

OFF	2.7.3	3.4.0
-----	-------	-------

MANAGED PIPELINE MODE

CLASSIC	INTEGRATED
---------	------------

PLATFORM

32-BIT	64-BIT
--------	--------

WEB SOCKETS

ON	OFF
----	-----

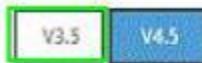
ALWAYS ON

ON	OFF
----	-----

Answer:

general

.NET FRAMEWORK VERSION



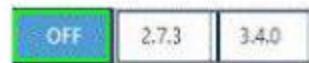
PHP VERSION



JAVA VERSION



PYTHON VERSION



MANAGED PIPELINE MODE



PLATFORM



WEB SOCKETS



ALWAYS ON

**Explanation:**<http://msdn.microsoft.com/en-us/library/k6h9cz8h%28v=vs.140%29.aspx>

In Case you need to offer 2 answers then select Always On and Managed Pipeline mode
If we need to give 4 answers then select also .NET Framework and Python version

QUESTION 46

Drag and Drop Question

Your company manages several Azure Web Sites that are running in an existing web-hosting plan named plan1.

You need to move one of the websites, named contoso, to a new web-hosting plan named plan2.

Which Azure PowerShell cmdlet should you use with each PowerShell command line?

To answer, drag the appropriate Azure PowerShell cmdlet to the correct location in the

PowerShell code. Each PowerShell cmdlet 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.

PowerShell cmdlets	PowerShell code
New-AzureResource	PS C:\> \$props = @("serverfarm" = " plan2") PowerShell cmdlet " ;)
Set-AzureResource	PS C:\> Set-AzureResource -name contoso
plan1	-ResourceGroup group1 -PropertyObject \$props -ResourceType
plan2	PowerShell cmdlet -apiversion 2014-04-01
Microsoft.Web/serverFarms	
Microsoft.Web/sites	

Answer:

PowerShell cmdlets	PowerShell code
New-AzureResource	PS C:\> \$props = @("serverfarm" = " plan2") PowerShell cmdlet " ;)
Set-AzureResource	PS C:\> Set-AzureResource -name contoso
plan1	-ResourceGroup group1 -PropertyObject \$props -ResourceType
plan2	Microsoft.Web/sites -apiversion 2014-04-01
Microsoft.Web/serverFarms	
Microsoft.Web/sites	

QUESTION 47

You administer an Azure Web Site named contosoweb that is used to sell various products. Contosoweb experiences heavy traffic during weekends.

You need to analyze the response time of the product catalog page during peak times, from different locations.

What should you do?

- A. Configure endpoint monitoring.
- B. Add the Requests metric.
- C. Turn on Failed Request Tracing.
- D. Turn on Detailed Error Messages.

Answer: A

Explanation:

Endpoint monitoring configures web tests from geo-distributed locations that test response time and uptime of web URLs. The test performs an HTTP get operation on the web URL to determine

the response time and uptime from each location. Each configured location runs a test every five minutes. After you configure endpoint monitoring, you can drill down into the individual endpoints to view details response time and uptime status over the monitoring interval from each of the test location

<http://azure.microsoft.com/en-us/documentation/articles/web-sites-monitor/#webendpointstatus>

QUESTION 48

Hotspot Question

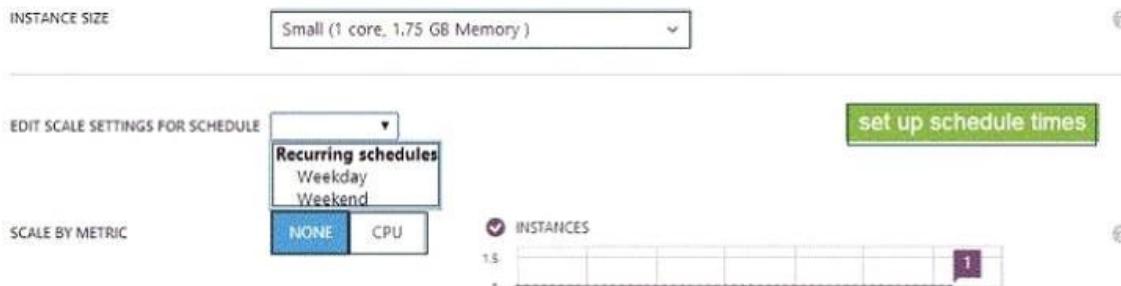
You manage an Azure Web Site for a consumer-product company.

The website runs in Standard mode on a single medium instance.

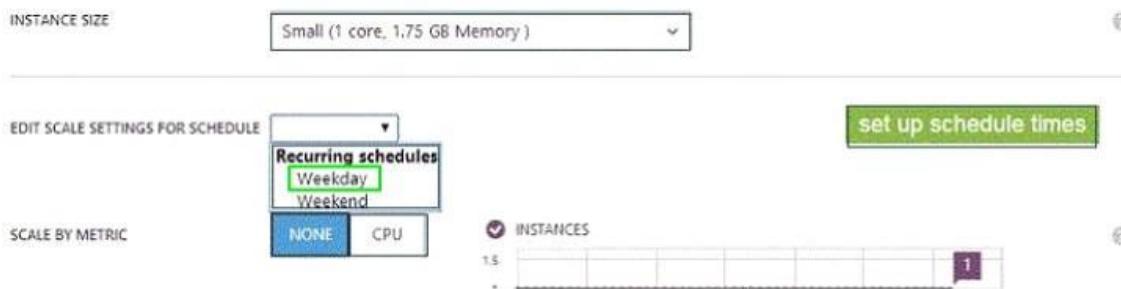
You expect increased traffic to the website due to an upcoming sale during a holiday weekend.

You need to ensure that the website performs optimally when user activity is at its highest.

Which option should you select? To answer, select the appropriate option in the answer area.



Answer:



Explanation:

Note: The 'small' instance is selected. This setting would be for the weekdays. Then you would select a larger instance for the 'weekend' schedule setting to cover the increased activity.

QUESTION 49

Your company has a subscription to Azure.

You configure your contoso.com domain to use a private Certificate Authority.

You deploy a web site named MyApp by using the Shared (Preview) web hosting plan.

You need to ensure that clients are able to access the MyApp website by using https.

What should you do?

- Back up the Site and import into a new website.
- Use the internal Certificate Authority and ensure that clients download the certificate chain.
- Add custom domain SSL support to your current web hosting plan.
- Change the web hosting plan to Standard.

Answer: D**Explanation:**

Enabling HTTPS for a custom domain is only available for the Standard web hosting plan mode of Azure websites.

<http://azure.microsoft.com/en-us/pricing/details/websites/>

QUESTION 50

Drag and Drop Question

You administer an Azure Web Site named contosoweb that uses a production database.

You deploy changes to contosoweb from a deployment slot named contosoweb-staging.

You discover issues in contosoweb that are affecting customer data.

You need to resolve the issues in contosoweb while ensuring minimum downtime for users.

You swap contosoweb to contosoweb-staging.

Which four steps should you perform next 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
Swap contosoweb-staging to contosoweb.	
Point contosoweb to the production database.	
Point contosoweb-staging to the test database.	
Fix the issues in contosoweb.	
Fix the issues in contosoweb-staging.	
Point contosoweb-staging to the production database.	
Point contosoweb to the test database.	

Answer:

Actions	Answer Area
	Point contosoweb-staging to the test database.
	Fix the issues in contosoweb-staging.
	Point contosoweb to the production database.
Fix the issues in contosoweb.	Swap contosoweb-staging to contosoweb.
Point contosoweb-staging to the production database.	
Point contosoweb to the test database.	

QUESTION 51

Drag and Drop Question

You manage an Azure Web Site named salessite1.

You notice some performance issues with salessite1.

You create a new database for salessite1.

You need to update salessite1 with the following changes, in the order shown:

1. Display the list of current connection strings.
2. Create a new connection string named conn1 with a value of:
Server=tcp:sample1.database.windows.net,1433;
Database=NewDB;
User ID=User@sample1;
Password=Password1;
Trusted_Connection=False;
Encrypt=True;
Connection Timeout=30;.
3. Download the application logs for analysis.

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

Command	Answer Area
site connectionstring show "conn1" "Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;" "SQLAzure" salessite1	
site log download salessite1	
site log tail salessite1	
site connectionstring show salessite1	
site connectionstring add "conn1" "Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;" "SQLAzure" salessite1	
site connectionstring list salessite1	

Answer:

Command	Answer Area
site connectionstring show "conn1" "Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;" "SQLAzure" salessite1	site connectionstring list salessite1
site log download salessite1	site connectionstring add "conn1" "Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;" "SQLAzure" salessite1
site log tail salessite1	site log download salessite1
site connectionstring show salessite1	
site connectionstring add "conn1" "Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;" "SQLAzure" salessite1	
site connectionstring list salessite1	

QUESTION 52

Hotspot Question

You manage an Azure Service Bus for your company.

You plan to enable access to the Azure Service Bus for an application named ContosoLOB.

You need to create a new shared access policy for subscriptions and queues that has the following requirements:

- Receives messages from a queue
- Deadletters a message
- Defers a message for later retrieval
- Enumerates subscriptions
- Gets subscription description

In the table below, identify the permission you need to assign to ensure that ContosoLOB is able to accomplish the above requirements. Make only one selection in each column.

Answer Area

Access Level	Queues	Subscriptions
Send	<input type="radio"/>	<input type="radio"/>
Listen	<input type="radio"/>	<input type="radio"/>
Manage	<input type="radio"/>	<input type="radio"/>

Answer:
Answer Area

Access Level	Queues	Subscriptions
Send	<input type="radio"/>	<input type="radio"/>
Listen	<input checked="" type="checkbox"/>	<input type="radio"/>
Manage	<input type="radio"/>	<input checked="" type="checkbox"/>

Explanation:
<http://msdn.microsoft.com/en-us/library/azure/dn205160.aspx>
QUESTION 53

Your network includes a legacy application named LegacyApp1.

The application only runs in the Microsoft .NET 3.5 Framework on Windows Server 2008.

You plan to deploy to Azure Cloud Services.

You need to ensure that LegacyApp1 will run correctly in the new environment.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Upload a VHD with Windows Server 2008 installed.
- B. Deploy LegacyApp1 to a cloud service instance configured with Guest OS Family 2.
- C. Deploy LegacyApp1 to a cloud service instance configured with Guest OS Family 1.
- D. Deploy LegacyApp1 to a cloud service instance configured with Guest OS Family 3.

Answer: AB**Explanation:**

The application only runs in the Microsoft .NET 3.5 Framework on Windows Server 2008. To run Windows Server 2008 in Azure you must upload the vhd from on-prem

QUESTION 54

Drag and Drop Question

You administer a cloud service named contosoapp that has a web role and worker role.

Contosoapp requires you to perform an in-place upgrade to the service.

You need to ensure that at least six worker role instances and eight web role instances are available when you apply upgrades to the service.

You also need to ensure that updates are completed for all instances by using the least amount of time.

Which value should you use with each configuration? To answer, drag the appropriate value to the correct configuration. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Values		Configuration	
1	3	Web role instances	<input type="text"/>
4	6	Worker role instances	<input type="text"/>
8	9	Upgrade domains	<input type="text"/>
12			

Answer:

Values		Configuration	
1	3	Web role instances	<input type="text" value="12"/>
4	6	Worker role instances	<input type="text" value="9"/>
8	9	Upgrade domains	<input type="text" value="3"/>
12			

Explanation:

* Scenario:

You need to ensure that at least six worker role instances and eight web role instances are available when you apply upgrades to the service.

* You can decide whether you want to update all of the roles in your service or a single role in the service. In either case, all instances of each role that is being upgraded and belong to the first upgrade domain are stopped, upgraded, and brought back online. Once they are back online, the instances in the second upgrade domain are stopped, upgraded, and brought back online.

QUESTION 55

You migrate a Windows Server .NET web application to Azure Cloud Services.

You need enable trace logging for the application.

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

- A. Update the service definition file.
- B. Update the Azure diagnostics configuration.
- C. Update the service configuration file.
- D. Enable verbose monitoring.
- E. Update the application web.config file.

Answer: AB

Explanation:

You can use Azure logging right out of the box--it's part of Azure SDK.

A: Azure Service Definition Schema (.csdef File) The service definition file defines the service model for an application. The file contains the definitions for the roles that are available to a cloud service, specifies the service endpoints, and establishes configuration settings for the service.

B: Take Control of Logging and Tracing in Microsoft Azure The

Microsoft.WindowsAzure.Diagnostics namespace, which inherits from and extends standard System.Diagnostics classes, enables the use of System.Diagnostics as a logging framework in Azure environment.

<http://msdn.microsoft.com/en-us/library/azure/ee758711.aspx>

<http://msdn.microsoft.com/en-us/magazine/ff714589.aspx>

QUESTION 56

Drag and Drop Question

You plan to deploy a cloud service named contosoapp. The service includes a web role named contosowebrole. The web role has an endpoint named restrictedEndpoint.

You need to allow access to restricted Endpoint only from your office machine using the IP address 145.34.67.82.

Which values should you use within the service configuration file? To answer, drag the appropriate value to the correct location in the service configuration file. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Values	Service Configuration File
permit	<NetworkConfiguration> <AccessControls> <AccessControl name="test"> <Rule action=" permit " value="" order="2" /> <Rule action=" deny " value="" order="1" /> </AccessControl> </AccessControls> <EndpointAcls> <EndpointAcl role="contosowebrole" accessControl="test" endPoint="restrictedEndpoint"/> </EndpointAcls> </NetworkConfiguration>
deny	
145.34.67.82/32	
0.0.0.0/0	
145.34.67.82/1	
0.0.0.0/32	

Answer:

Values	Service Configuration File
permit	<NetworkConfiguration> <AccessControls> <AccessControl name="test"> <Rule action=" deny " value="" order="2" /> <Rule action=" permit " value="" order="1" /> </AccessControl> </AccessControls> <EndpointAcls> <EndpointAcl role="contosowebrole" accessControl="test" endPoint="restrictedEndpoint"/> </EndpointAcls> </NetworkConfiguration>
deny	
145.34.67.82/32	
0.0.0.0/0	
145.34.67.82/1	
0.0.0.0/32	

QUESTION 57

You manage a cloud service that utilizes an Azure Service Bus queue.
 You need to ensure that messages that are never consumed are retained.
 What should you do?

- Check the MOVE TO THE DEAD-LETTER SUBQUEUE option for Expired Messages in the Azure Portal.
- From the Azure Management Portal, create a new queue and name it Dead-Letter.
- Execute the Set-AzureServiceBus PowerShell cmdlet.
- Execute the New-AzureSchedulerStorageQueueJob PowerShell cmdlet.

Answer: A

Explanation:

The EnableDeadLetteringOnMessageExpiration property allows to enable\disable the dead-lettering on message expiration.

QUESTION 58

You manage a web application published to Azure Cloud Services.

Your service level agreement (SLA) requires that you are notified in the event of poor performance from customer locations in the US, Asia, and Europe.

You need to configure the Azure Management Portal to notify you when the SLA performance targets are not met.

What should you do?

- A. Create an alert rule to monitor web endpoints.
- B. Create a Notification Hub alert with response time metrics.
- C. Add an endpoint monitor and alert rule to the Notification Hub.
- D. Configure the performance counter on the cloud service.

Answer: A

Explanation:

* An alert rule enables you to monitor an available metric within a supported Azure service. When the value of a specified metric violates the threshold assigned for a rule, the alert rule becomes active and registers an alert. When you create an alert rule, you can select options to send an email notification to the service administrator and co-administrators, or another administrator, when the rule becomes active, and when an alert condition is resolved.

* You can configure cloud service alert rules on:

Web endpoint status metrics

Monitoring metrics from the cloud service host operating system Performance counters collected from the cloud service guest virtual machine

<http://msdn.microsoft.com/en-us/library/azure/dn306639.aspx>

QUESTION 59

You manage a cloud service that hosts a customer-facing application. The application allows users to upload images and create collages. The cloud service is running in two medium instances and utilizes Azure Queue storage for image processing.

The storage account is configured to be locally redundant.

The sales department plans to send a newsletter to potential clients. As a result, you expect a significant increase in global traffic.

You need to recommend a solution that meets the following requirements:

- Configure the cloud service to ensure the application is responsive to the traffic increase.
- Minimize hosting and administration costs.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Configure the cloud service to run in two Large instances.
- B. Configure the cloud service to auto-scale to three instances when processor utilization is above 80%.
- C. Configure the storage account to be geo-redundant
- D. Deploy a new cloud service in a separate data center.
Use Azure Traffic Manager to load balance traffic between the cloud services.

E. Configure the cloud service to auto-scale when the queue exceeds 1000 entries per machine.

Answer: BE

Explanation:

* An autoscaling solution reduces the amount of manual work involved in dynamically scaling an application. It can do this in two different ways: either preemptively by setting constraints on the number of role instances based on a timetable, or reactively by adjusting the number of role instances in response to some counter(s) or measurement(s) that you can collect from your application or from the Azure environment.

QUESTION 60

You manage a cloud service on two instances.

The service name is Service1 and the role name is ServiceRole1.

Service1 has performance issues during heavy traffic periods.

You need to increase the existing deployment of Service1 to three instances.

Which Power Shell cmdlet should you use?

- A. PS C:\>Set-AzureService -ServiceName "Service1" -Label "ServiceRole1" -Description "Instance count=3"
- B. PS C:\>Set-AzureRole -ServiceName "Service1" -Slot "Production" -RoleName "ServiceRole1" -Count 3
- C. PS C:\>Add-AzureWebRole -Name 'ServiceRole1" -Instances 3
- D. PS C:\>\$instancecount = New-Object Hashtable\$settings['INSTANCECOUNT=3]
PS C:\> Set-AzureWebsite -AppSettings \$instancecount ServiceRole1

Answer: B

Explanation:

The Set-AzureRole cmdlet sets the number of instances of a specified role to run in an Azure deployment

Example

This command sets the "MyTestRole3" role running in production on the "MySvc1" service to three instances.

Windows PowerShell

```
C:\PS>Set-AzureRole -ServiceName "MySvc1" -Slot "Production" -RoleName  
"MyTestRole3" -Count 3
```

QUESTION 61

Drag and Drop Question

You plan to deploy a cloud service named contosoapp that has a web role named contosoweb and a worker role named contosoimagepurge.

You need to ensure the service meets the following requirements:

- Contosoweb can be accessed over the Internet by using http.
- Contosoimagepurge can only be accessed through tcp port 5001 from contosoweb.
- Contosoimagepurge cannot be accessed directly over the Internet.

Which configuration should you use? To answer, drag the appropriate configuration setting to the correct location in the service configuration file. Each configuration setting 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.

Configuration Settings

```

<InputEndpoint name="Endpoint1" protocol="http" port="80" />
  

<InternalEndpoint name="Endpoint1" protocol="http" port="80" />
  

<InputEndpoint name="Endpoint1" protocol="tcp" port="5001" />
  

<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<WhenSource matches="AnyRule">
  <FromRole roleName="contosoweb"/>
</WhenSource>
  

<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<AllowAllTraffic/>

```

Service Configuration File

```

<ServiceDefinition name="contosoapp">
  <WebRole name="contosoweb" vmsize="Small">
    Configuration setting
    ...
  </WebRole>
  <WorkerRole name="contosoimagepurge" vmsize="Small">
    Configuration setting
    ...
  </WorkerRole>
  <NetworkTrafficRules>
    Configuration setting
    ...
  </NetworkTrafficRules>
  <OnlyAllowTrafficTo>
    Configuration setting
    ...
  </OnlyAllowTrafficTo>
  <NetworkTrafficRules>
    Configuration setting
    ...
  </NetworkTrafficRules>
</ServiceDefinition>

```

Answer:

Configuration Settings

```

<InputEndpoint name="Endpoint1" protocol="http" port="80" />
  

<InternalEndpoint name="Endpoint1" protocol="http" port="80" />
  

<InputEndpoint name="Endpoint1" protocol="tcp" port="5001" />
  

<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<WhenSource matches="AnyRule">
  <FromRole roleName="contosoweb"/>
</WhenSource>
  

<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<AllowAllTraffic/>

```

Service Configuration File

```

<ServiceDefinition name="contosoapp">
  <WebRole name="contosoweb" vmsize="Small">
    Configuration setting
    ...
  </WebRole>
  <WorkerRole name="contosoimagepurge" vmsize="Small">
    Configuration setting
    ...
  </WorkerRole>
  <NetworkTrafficRules>
    Configuration setting
    ...
  </NetworkTrafficRules>
  <OnlyAllowTrafficTo>
    Configuration setting
    ...
  </OnlyAllowTrafficTo>
  <NetworkTrafficRules>
    Configuration setting
    ...
  </NetworkTrafficRules>
</ServiceDefinition>

```

Explanation:

<http://www.codeproject.com/Articles/331391/Azure-Role-Endpoints-and-Network-Traffic-Rules>

QUESTION 62

Your company network includes two branch offices.
Users at the company access internal virtual machines (VMs).

You want to ensure secure communications between the branch offices and the internal VMs and network.

You need to create a site-to-site VPN connection.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. a private IPv4 IP address and a compatible VPN device
- B. a private IPv4 IP address and a RRAS running on Windows Server 2012
- C. a public-facing IPv4 IP address and a compatible VPN device
- D. a public-facing IPv4 IP address and a RRAS running on Windows Server 2012

Answer: CD

Explanation:

C (not A): VPN Device IP Address - This is public facing IPv4 address of your on-premises VPN device that you'll use to connect to Azure. The VPN device cannot be located behind a NAT.

D (Not B): At least one or preferably two publicly visible IP addresses: One of the IP addresses is used on the Windows Server 2012 machine that acts as the VPN device by using RRAS.

The other optional IP address is to be used as the Default gateway for out-bound traffic from the on-premises network. If the second IP address is not available, it is possible to configure network address translation (NAT) on the RRAS machine itself, to be discussed in the following sections.

It is important to note that the IP addresses must be public.

They cannot be behind NAT and/or a firewall.

QUESTION 63

You manage a large datacenter that has limited physical space.

You plan to extend your datacenter to Azure.

You need to create a connection that supports a multiprotocol label switching (MPLS) virtual private network.

Which connection type should you use?

- A. Site-to-site
- B. VNet-VNet
- C. ExpressRoute.
- D. Site-to-peer

Answer: C

Explanation:

ExpressRoute provides even richer capabilities by allowing a dedicated MPLS connection to Azure.

<http://azure.microsoft.com/en-us/services/expressroute/>

QUESTION 64

You manage a cloud service named fabrikam Reports that is deployed in an Azure data center.

You deploy a virtual machine (VM) named fabrikamSQL into a virtual network named fabrikamVNet.

FabrikamReports must communicate with fabrikamSQL.

You need to add fabrikam Reports to fabrikamVNet.

Which file should you modify?

- A. the network configuration file for fabrikamVNet
- B. the service definition file (.csdef) for fabnkamReports
- C. the service definition file (.csdef) for fabrikamSQL

- D. the service configuration file (.cscfg) for fabrikamReports
- E. the service configuration file (.cscfg) fabrikamSQL

Answer: D

Explanation:

The service configuration file specifies the number of role instances to deploy for each role in the service, the values of any configuration settings, and the thumbprints for any certificates associated with a role. If the service is part of a Virtual Network, configuration information for the network must be provided in the service configuration file, as well as in the virtual networking configuration file. The default extension for the service configuration file is .cscfg.
<https://msdn.microsoft.com/en-us/library/azure/ee758710.aspx>

QUESTION 65

You manage an application deployed to virtual machines (VMs) on an Azure virtual network named corpVnet1.

You plan to hire several remote employees who will need access to the application on corpVnet1.

You need to ensure that new employees can access corpVnet1.

You want to achieve this goal by using the most cost effective solution.

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

- A. Create a VPN subnet.
- B. Enable point-to-point connectivity for corpVnet1.
- C. Enable point-to-site connectivity for corpVnet1.
- D. Create a gateway subnet.
- E. Enable site-to-site connectivity for corpVnet1.
- F. Convert corpVnet1 to a regional virtual network.

Answer: CD

Explanation:

Add gateway subnet - The gateway subnet is required for a point-to-site VPN. Click to add the gateway subnet.

The gateway subnet is used only for the virtual network gateway.

<http://msdn.microsoft.com/en-us/library/azure/dn643737.aspx>

<https://azure.microsoft.com/en-us/documentation/articles/web-sites-integrate-with-vnet/>

QUESTION 66

Drag and Drop Question

You have an Azure Virtual Network named fabVNet with three subnets named Subnet-1, Subnet-2 and Subnet-3. You have a virtual machine (VM) named fabVM running in the fabProd service. You need to modify fabVM to be deployed into Subnet-3. You want to achieve this goal by using the least amount of time and while causing the least amount of disruption to the existing deployment.

What should you do? To answer, drag the appropriate Power Shell cmdlet to the correct location in the Power Shell command. Each cmdlet 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.

PowerShell cmdlets	PowerShell Command
Get-AzureVM	PS C:\> \$VM = <input type="text"/> "fabProd" "fabVM"
Get-AzureVMImage	PS C:\> <input type="text"/> "Subnet-3" -VM \$VM
Set-AzureSubnet	PS C:\> <input type="text"/> "fabProd" "fabVM" -VM \$VM
Update-AzureVM	
New-AzureVM	
Set-AzureVNetConfig	
Update-AzureVMImage	

Answer:

PowerShell cmdlets	PowerShell Command
Get-AzureVM	PS C:\> \$VM = Get-AzureVM <input type="text"/> "fabProd" "fabVM"
Get-AzureVMImage	PS C:\> Set-AzureSubnet <input type="text"/> "Subnet-3" -VM \$VM
Set-AzureSubnet	PS C:\> Update-AzureVM <input type="text"/> "fabProd" "fabVM" -VM \$VM
Update-AzureVM	
New-AzureVM	
Set-AzureVNetConfig	
Update-AzureVMImage	

QUESTION 67

Hotspot Question

You manage an Azure Web Site named contosoweb.

Some users report that they receive the following error when they access contosoweb:

"http Status 500.0 - Internal Server Error."

You need to view detailed diagnostic information in XML format.

Which option should you enable? To answer, select the appropriate option in the answer area.

Answer Area

Application diagnostics

APPLICATION LOGGING (FILESYSTEM) OFF ON

Site diagnostics

WEB SERVER LOGGING OFF ON

DETAILED ERROR MESSAGES OFF ON

FAILED REQUEST TRACING OFF ON

Answer:

Answer Area

Application diagnostics

APPLICATION LOGGING (FILESYSTEM) OFF ON

Site diagnostics

WEB SERVER LOGGING OFF ON

DETAILED ERROR MESSAGES OFF ON

FAILED REQUEST TRACING OFF ON

Explanation:

Request-based tracing is available both in stand-alone IIS Servers and on Windows Azure Web Sites (WAWS) and provides a way to determine what exactly is happening with your requests and why, provided that you can reproduce the problem that you are experiencing. Problems like poor performance on some requests, or authentication-related failures on other requests, or the server 500 error from ASP or ASP.NET can often be difficult to troubleshoot--unless you have captured the trace of the problem when it occurs.

QUESTION 68

Drag and Drop Question

You manage an Azure Web Site named contososite.

You download the subscription publishing credentials named Contoso-Enterprise.publishsettings.

You need to use Azure Power Shell to achieve the following:

- Connect to the Contoso-Enterprise subscription.
- Create a new App Setting named CustomSetting with a value of True.

- Restart the website.

Which commands should you use? To answer, drag the appropriate Azure PowerShell command to the correct location in the solution. Each command 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.

Azure PowerShell Commands	Solution
Set-AzureWebsite	PS C:\> <input type="text"/> Azure PowerShell Command c:\Contoso\Enterprise.publishsettings
Get-AzurePublishSettingsFile	PS C:\> Select-AzureSubscription Contoso-Enterprise PS C:\> \$setting = @{"IsCustom" = "true"}
Import-AzurePublishSettingsFile	PS C:\> <input type="text"/> Azure PowerShell Command contososite -AppSettings \$setting
Start-AzureWebsite	PS C:\> <input type="text"/> Azure PowerShell Command contososite
Restart-AzureWebsite	
Show-AzureWebsite	

Answer:

Azure PowerShell Commands	Solution
Set-AzureWebsite	PS C:\> <input type="text"/> Import-AzurePublishSettingsFile c:\Contoso\Enterprise.publishsettings
Get-AzurePublishSettingsFile	PS C:\> Select-AzureSubscription Contoso-Enterprise PS C:\> \$setting = @{"IsCustom" = "true"}
Import-AzurePublishSettingsFile	PS C:\> <input type="text"/> Set-AzureWebsite contososite -AppSettings \$setting
Start-AzureWebsite	PS C:\> <input type="text"/> Restart-AzureWebsite contososite
Restart-AzureWebsite	
Show-AzureWebsite	

QUESTION 69

Your company has a subscription to Azure.

You plan to deploy 10 websites.

You have the following requirements:

- Each website has at least 15 GB of storage.
- All websites can use azurewebsite.net.

You need to deploy the 10 websites while minimizing costs.

Which web tier plan should you recommend?

- Free
- Small Business
- Standard
- Basic

Answer: C

Explanation:

Standard offers 50 GB of storage space, while Basic only gives 10 GB:

<http://azure.microsoft.com/en-us/pricing/details/websites/>

<http://azure.microsoft.com/en-us/documentation/articles/azure-subscription-service-limits/>

QUESTION 70

Drag and Drop Question

You manage a solution deployed in two Azure subscriptions for testing and production. Both subscriptions have virtual networks named fabVNet.

You plan to add two new virtual machines (VMs) in a new subnet.

You have the following requirements:

- Deploy the new VMs to the virtual network in the testing subscription.
- Minimize any errors in defining the network changes.
- Minimize the work that will be required when the change is made to the production virtual network.

Which three steps 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.

Action	Answer Area
Add an accessibility group to the network configuration file.	
Add a subnet to the Virtual Network using the Management Portal.	
Deploy the new VMs to the new subnet.	
Add an accessibility group to the Virtual Network using the Management Portal.	
Deploy the new VMs to the new accessibility group.	
Export the network configuration.	
Add a subnet to the network configuration file.	
Import the network configuration.	

Answer:

Action	Answer Area
Add an accessibility group to the network configuration file.	Add a subnet to the Virtual Network using the Management Portal.
	Deploy the new VMs to the new subnet.
	Export the network configuration.
Add an accessibility group to the Virtual Network using the Management Portal.	
Deploy the new VMs to the new accessibility group.	
Add a subnet to the network configuration file.	
Import the network configuration.	

QUESTION 71

You administer an Azure Web Site named contoso.

The development team has implemented changes to the website that need to be validated.

You need to validate and deploy the changes with minimum downtime to users.

What should you do first?

- A. Create a new Linked Resource.
- B. Configure Remote Debugging on contoso.
- C. Create a new website named contosoStaging.
- D. Create a deployment slot named contosoStaging.
- E. Back up the contoso website to a deployment slot.

Answer: D

Explanation:

When you deploy your application to Azure Websites, you can deploy to a separate deployment slot instead of the default production slot, which are actually live sites with their own hostnames. Furthermore, you can swap the sites and site configurations between two deployment slots, including the production slot. Deploying your application to a deployment slot has the following benefits:

- * You can validate website changes in a staging deployment slot before swapping it with the production slot.
- * After a swap, the slot with previously staged site now has the previous production site. If the changes swapped into the production slot are not as you expected, you can perform the same swap immediately to get your "last known good site" back.
- * Deploying a site to a slot first and swapping it into production ensures that all instances of the slot are warmed up before being swapped into production. This eliminates downtime when you deploy your site. The traffic redirection is seamless, and no requests are dropped as a result of

swap operations.

QUESTION 72

You manage an Azure Web Site that is running in Shared mode.

You discover that the website is experiencing increased average response time during periods of heavy user activity.

You need to update the website configuration to address the performance issues as they occur. What should you do?

- A. Set the website to Standard mode and configure automatic scaling based on CPU utilization.
- B. Configure automatic seating during specific dates.
- C. Modify the website instance size.
- D. Configure automatic scaling based on memory utilization.
- E. Set the website to Basic mode and configure automatic scaling based on CPU utilization.

Answer: A

Explanation:

Scaling to Standard Plan Mode

Selecting Standard expands the Capacity section to reveal the Instance Size and Instance Count options, which are also available in Basic mode. The Edit Scale Settings for Schedule and Scale by Metric options are available only in Standard mode.

capacity

You need to configure the autoscale service.

INSTANCE SIZE

Large (4 cores, 7 GB Memory)

EDIT SCALE SETTINGS FOR SCHEDULE

No scheduled times ▾

set up schedule times

SCALE BY METRIC

NONE

CPU

INSTANCES

1.5
1
0.5
0

1

Mar 19 Mar 20 Mar 21 Mar 22 Mar 23 Mar 24 Mar 25 Mar 26

INSTANCE COUNT

1 INSTANCE RUNNING

1 instances

Note:

* For increased performance and throughput for your websites on Microsoft Azure, you can use the Azure Management Portal to scale your Web Hosting Plan mode from Free to Shared, Basic, or Standard.

* There are 2 options for scaling:

Based on a Schedule

Based on CPU usage

QUESTION 73

Drag and Drop Question

You manage an Azure Web Site in Standard mode at the following address:

contoso.azurewebsites.net.

Your company has a new domain for the site that needs to be accessible by Secure Socket Layer (SSL) encryption.

You need to be able to add a custom domain to the Azure Web Site and assign an SSL certificate.

Which three steps should you perform next in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. More than one order of answer choices may be correct You will receive credit for any of the correct

Actions	Answer Area
Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.	
Add www.contoso.com to the list of domain names as a custom domain.	
Add an A record in your DNS for www.contoso.com to point to the Azure Web Site IP.	
Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.	
Add SSL binding for the www.contoso.com domain with the Server Name Indication (SNI) SSL option selected.	
Create a new file that will redirect the site to the new URL and upload it to the Azure Web Site.	

Answer:

Actions	Answer Area
	Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.
Add an A record in your DNS for www.contoso.com to point to the Azure Web Site IP.	Add www.contoso.com to the list of domain names as a custom domain.
Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.	Add SSL binding for the www.contoso.com domain with the Server Name Indication (SNI) SSL option selected.
Create a new file that will redirect the site to the new URL and upload it to the Azure Web Site.	

QUESTION 74

You manage an Azure Web Site named contosoweb. Logging is enabled for contosoweb. You need to view only errors from your log files in a continuous stream as they occur. Which Windows Power Shell command should you execute?

- A. Get-AzureWebSiteLog -Name contosoweb -OutBuffer Error
- B. Save-AzureWebSiteLog -Name contosoweb -Output Errors
- C. Get-AzureWebSiteLog -Name contosoweb -Tail -Message Error
- D. Get-Azure WebSiteLog -Name contosoweb -Message Error

Answer: C

Explanation:

This example starts log streaming and show error logs only.

Windows PowerShell
C:\PS>Get-AzureWebsiteLog -Tail -Message Error

<http://msdn.microsoft.com/en-us/library/dn495187.aspx>

QUESTION 75

You administer a solution deployed to a virtual machine (VM) in Azure. The VM hosts a web service that is used by several applications. You are located in the US West region and have a worldwide user base. Developers in Asia report that they experience significant delays when they execute the services. You need to verify application performance from different locations. Which type of monitoring should you configure?

- A. Disk Read

- B. Endpoint
- C. Network Out
- D. CPU
- E. Average Response Time

Answer: B

Explanation:

The question clearly asks "Which type of monitoring should you configure?". "Average Response Time" is not a type of MONITORING. It is a METRIC on which you create rules and alerts when a certain threshold is reached. The type of MONITORING required for this (on which you may or may not configure the Average Response Time METRIC) is Endpoint.

QUESTION 76

You are the administrator for three Azure subscriptions named Dev, Test, and Prod. Your Azure Power Shell profile is configured with the Dev subscription as the default. You need to create a new virtual machine in the Test subscription by using the least administrative effort.

Which Power Shell command should you use?

- A. PS C:\> Select-AzureSubscription -SubscriptionName "Test"
- B. PS C:\> Set-AzureSubscription -SubscriptionName "Test" -CurrentStorageAccountName "teststorage"
PS C:\> Select-AzureSubscription "Test"
- C. PS C:\> Set-AzureSubscription "Test" -CurrentStorageAccountName "teststorage"
- D. PS C:\> Select-AzureSubscription -SubscriptionName "Test" –Default
 - A. Option A
 - B. Option B
 - C. Option C
 - D. Option D

Answer: A

Explanation:

Example: Set the current subscription

This command makes "ContosoEngineering" the current subscription.

Windows PowerShell

```
C:\PS> Select-AzureSubscription -SubscriptionName ContosoEngineering -Current  
http://msdn.microsoft.com/en-us/library/dn722499.aspx
```

QUESTION 77

Drag and Drop Question

You have a virtual machine (VM) that runs in Azure.

The VM is located in a geographically distant location from you.

You experience performance issues when you connect to the VM.

You need to resolve the performance issue.

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
Create an Azure disk from the blob.	
Copy the VHD disk blob to the local region.	
Detach the VHD disk.	
Boot the VM from disk.	▶
Start the VM.	◀
Stop the VM.	▼
Attach VHD disk to the local region.	

Answer:

Actions	Answer Area
Create an Azure disk from the blob.	Stop the VM.
Copy the VHD disk blob to the local region.	Copy the VHD disk blob to the local region.
Detach the VHD disk.	Create an Azure disk from the blob.
Boot the VM from disk.	Boot the VM from disk.
Start the VM.	▶
Stop the VM.	◀
Attach VHD disk to the local region.	

QUESTION 78

Drag and Drop Question

You administer a virtual machine (VM) that is deployed to Azure.

The VM hosts a web service that is used by several applications.

You need to ensure that the VM sends a notification in the event that the average response time for the web service exceeds a pre-defined response time for an hour or more.

Which three steps 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.

Action	Answer Area
From the Monitor page, add a metric for Response Time for the endpoint.	
From the Monitor page, add a rule for the Response Time of the endpoint.	
From the Dashboard page, add a rule for the endpoint status.	
From the Configure page, add a rule for the Response Time of the endpoint.	
From the Configure page, add a monitoring endpoint for the virtual machine.	
From the Endpoints page, add a monitoring endpoint for the virtual machine.	
From the Configure page, add a metric for Response Time for the endpoint.	

Answer:

Action	Answer Area
From the Monitor page, add a metric for Response Time for the endpoint.	
From the Monitor page, add a rule for the Response Time of the endpoint.	
From the Dashboard page, add a rule for the endpoint status.	
From the Configure page, add a rule for the Response Time of the endpoint.	
From the Configure page, add a monitoring endpoint for the virtual machine.	
From the Endpoints page, add a monitoring endpoint for the virtual machine.	
From the Configure page, add a metric for Response Time for the endpoint.	

QUESTION 79

Drag and Drop Question

You administer an Azure Virtual Machine (VM) named CON-CL1.

CON-CL1 is in a cloud service named ContosoService1.

You discover unauthorized traffic to CON-CL1. You need to:

- Create a rule to limit access to CON-CL1.
- Ensure that the new rule has the highest precedence.

Which Azure Power Shell cmdlets and values should you use? To answer, drag the appropriate cmdlet or value to the correct location in the Power Shell command. Each cmdlet or value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

cmdlets and values	PowerShell command
Permit	C:\PS>\$acl= <input type="text"/>
Deny	C:\PS> <input type="text"/> -AddRule -ACL \$acl
New-AzureAdConfig	-order <input type="text"/> -Action <input type="text"/>
Set-AzureAdConfig	-RemoteSubnet "171.100.0.1/24"
100	
300	
-addrule	
-setrule	
0	
Update-AzureVM	

Answer:

cmdlets and values	PowerShell command
Permit	C:\PS>\$Acl=
Deny	C:\PS> Set-AzureAclConfig
New-AzureAclConfig	-Addrule -ACL \$Acl
Set-AzureAclConfig	-order 100
100	-Action Permit
300	-RemoteSubnet "171.100.0.1/24"
-addrule	
-setrule	
0	
Update-AzureVM	

Explanation:

<http://msdn.microsoft.com/en-us/library/dn495192.aspx>

Example 1: Add a rule to a new ACL configuration

\$Acl = New-AzureAclConfig

Set-AzureAclConfig -AddRule -ACL \$Acl -Action Permit -RemoteSubnet "172.0.0.0/8" -Order 100
 -Description "Permit ACL rule"

QUESTION 80

Hotspot Question

Your company network has two branch offices.

Some employees work remotely, including at public locations.

You manage an Azure environment that includes several virtual networks.

All users require access to the virtual networks.

In the table below, identify which secure cross-premise connectivity option is needed for each type of user. Make only one selection in each column.

Secure cross-premise connectivity method	Branch Office Users	Remote Users
Site-to-site	<input type="radio"/>	<input type="radio"/>
Multi-site	<input type="radio"/>	<input type="radio"/>
Point-to-site	<input type="radio"/>	<input type="radio"/>

Answer:

Secure cross-premise connectivity method	Branch Office Users	Remote Users
Site-to-site	<input checked="" type="radio"/>	<input type="radio"/>
Multi-site	<input type="radio"/>	<input type="radio"/>
Point-to-site	<input type="radio"/>	<input checked="" type="radio"/>

QUESTION 81

Hotspot Question

You create a virtual network named fabVNet01.

You design the virtual network to include two subnets, one named DNS-subnet and one named Apps-subnet, as shown in the exhibit. (Click the Exhibits button.)

CREATE A VIRTUAL NETWORK

Virtual Network Address Spaces

ADDRESS SPACE	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
10.0.0.0/26	10.0.0.0	/26 (64)	10.0.0.3 - 10.0.0.63

SUBNETS

DNS-subnet	10.0.0.0	/27 (32)	10.0.0.0 - 10.0.0.31	X
Apps-subnet	10.0.0.32	/29 (8)	10.0.0.32 - 10.0.0.39	X

add subnet

add address space

NETWORK PREVIEW

↔ tabVNet02

1 2

← →

In the table below, identify the number of IP addresses that will be available for virtual machines (VMs) or cloud services in each subnet. Make only one selection in each column.

Answer Area

Available IP Addresses	DNS-subnet	Apps-subnet
3	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>
27	<input type="radio"/>	<input type="radio"/>
32	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area

Available IP Addresses	DNS-subnet	Apps-subnet
3	<input type="radio"/>	<input checked="" type="radio"/>
8	<input type="radio"/>	<input type="radio"/>
27	<input checked="" type="radio"/>	<input type="radio"/>
32	<input type="radio"/>	<input type="radio"/>

Explanation:

No not all addresses in a subnet are usable, (The first and last IP addresses of the subnets are reserved for protocol conformance. Additionally they reserve a few extra IP addresses for their services.

<http://msdn.microsoft.com/en-us/library/azure/dn133803.aspx>

QUESTION 82

You administer an Azure solution that uses a virtual network named fabVNet.

FabVNet has a single subnet named Subnet-1.

You discover a high volume of network traffic among four virtual machines (VMs) that are part of Subnet-1.

You need to isolate the network traffic among the four VMs.

You want to achieve this goal with the least amount of downtime and impact on users.

What should you do?

- A. Create a new subnet in the existing virtual network and move the four VMs to the new subnet.
- B. Create a site-to-site virtual network and move the four VMs to your datacenter.
- C. Create a new virtual network and move the VMs to the new network.
- D. Create an availability set and associate the four VMs with that availability set.

Answer: A

Explanation:

Machine Isolation Options

There are three basic options where machine isolation may be implemented on the Windows Azure platform:

- * Between machines deployed to a single virtual network Subnets within a Single Virtual Network
- * Between machines deployed to distinct virtual networks
- * Between machines deployed to distinct virtual networks where a VPN connection has been established from on-premises with both virtual networks

Windows Azure provides routing across subnets within a single virtual network.

Incorrect:

not B: A site-to-site VPN allows you to create a secure connection between your on-premises site and your virtual network.

Use a site-to-site connection when:

- * You want to create a branch office solution.
- * You want a connection between your on-premises location and your virtual network that's available without requiring additional client-side configurations.

QUESTION 83

You administer an Azure virtual network named fabrikamVNet.

You need to deploy a virtual machine (VM) and ensure that it is a member of the fabrikamVNet virtual network.

What should you do?

- A. Run the New-AzureVM Power Shell cmdlet.
- B. Run the New-AzureQuickVM Power Shell cmdlet.
- C. Run the New-AzureAffinityGroup Power Shell cmdlet.
- D. Update fabrikamVNet's existing Availability Set.

Answer: B

Explanation:

The New-AzureQuickVM cmdlet sets the configuration for a new virtual machine and creates the virtual machine. You can create a new Azure service for the virtual machine by specifying either the Location or AffinityGroup parameters, or deploy the new virtual machine into an existing service.

<http://msdn.microsoft.com/en-us/library/dn495183.aspx>

QUESTION 84

Hotspot Question

You manage two websites for your company. The sites are hosted on an internal server that is beginning to experience performance issues due to high traffic.

You plan to migrate the sites to Azure Web Sites.

The sites have the following configurations:

Name	Purpose	Characteristics
Site 1	Public-facing forum for clients and customers to interact	<ul style="list-style-type: none">• Developed in Node.js• Contains 11GB of data• Deployed to two (2) instances
Site 2	Public-facing portal for users to access their customer records	<ul style="list-style-type: none">• Developed in ASP.NET 4.0• Contains 9GB of data• Deployed to three (3) instances

In the table below, identify the web hosting plan with the lowest cost for each site. Make only one selection in each column.

Answer Area

Web Hosting Plan	Site 1	Site 2
FREE	<input type="radio"/>	<input type="radio"/>
SHARED	<input type="radio"/>	<input type="radio"/>
BASIC	<input type="radio"/>	<input type="radio"/>
STANDARD	<input type="radio"/>	<input type="radio"/>

Answer:
Answer Area

Web Hosting Plan	Site 1	Site 2
FREE	<input type="radio"/>	<input type="radio"/>
SHARED	<input type="radio"/>	<input type="radio"/>
BASIC	<input type="radio"/>	<input checked="" type="radio"/>
STANDARD	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:
<http://azure.microsoft.com/en-us/documentation/articles/azure-subscription-service-limits/>
QUESTION 85

You administer an Azure Web Site named contoso.

You create a job named Cleanlogs.cmd that will be executed manually, twice a week.

You need to deploy the job.

To which folder location should you deploy CleanLogs.cmd?

- A. ./App_Code/jobs/triggered/cleanLogs/CleanLogs.cmd
- B. ./App_Data/jobs/triggered/clean Logs/Clean Logs.cmd
- C. ./App_Code/jobs/continuous/cleanLogs/CleanLogs.cmd
- D. ./App_Data/jobs/continuous/cleanLogs/CleanLogs.cmd

Answer: B

Explanation:

A WebJob is stored under the following directory in your site:

site\wwwroot\App_Data\jobs\{job type}\{job name}

Where {job type} can be either continuous for a job that is always running or triggered for a job that starts from an external trigger (on demand / scheduler).

http://blog.amitapple.com/post/74215124623/deploy-azure-webjobs/#.VDZam_mSx8E

QUESTION 86

You manage a cloud service that is running in two small instances.

The cloud service hosts a help desk application. The application utilizes a virtual network connection to synchronize data to the company's internal accounting system.

You need to reduce the amount of time required for data synchronization.

What should you do?

- A. Configure the servers as large instances and re-deploy.
- B. Increase the instance count to three.
- C. Deploy the application to Azure Web Sites.
- D. Increase the processors allocated to the instances.

Answer: A**Explanation:**

When you create your service model, you can specify the size to which to deploy an instance of your role, depending on its resource requirements. The size of the role determines the number of CPU cores, the memory capacity, and the local file system size that is allocated to a running instance.

<http://msdn.microsoft.com/en-us/library/azure/dn197896.aspx>

QUESTION 87

You manage a cloud service that has a web application named WebRole1.

WebRole1 writes error messages to the Windows Event Log.

Users report receiving an error page with the following message:

"Event 26 has occurred. Contact your system administrator."

You need to access the WebRole1 event log.

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

- A. Enable verbose monitoring.
- B. Update the WebRole1 web.config file.
- C. Update the cloud service definition file and the service configuration file.
- D. Run the Set-AzureVM.DiagnosticsExtension PowerShell cmdlet.
- E. Run the Enable-AzureWebsiteApplicationDiagnostic PowerShell cmdlet.
- F. Create a storage account.

Answer: ACF**Explanation:**

AF: You can monitor key performance metrics for your cloud services in the Azure Management Portal. You can set the level of monitoring to minimal and verbose for each service role, and can customize the monitoring displays. Verbose monitoring data is stored in a storage account, which you can access outside the portal.

C: * The service configuration file specifies the number of role instances to deploy for each role in the service, the values of any configuration settings, and the thumbprints for any certificates associated with a role. If the service is part of a Virtual Network, configuration information for the network must be provided in the service configuration file, as well as in the virtual networking configuration file. The default extension for the service configuration file is .cscfg.

* The service definition file defines the service model for an application. The file contains the definitions for the roles that are available to a cloud service, specifies the service endpoints, and establishes configuration settings for the service.

<http://azure.microsoft.com/en-us/documentation/articles/cloud-services-how-to-monitor/>

<http://msdn.microsoft.com/en-us/library/azure/ee758710.aspx>

<http://msdn.microsoft.com/en-us/library/azure/ee758711.aspx>

QUESTION 88

Drag and Drop Question

You manage an application hosted on cloud services.

The development team creates a new version of the application.

The updated application has been packaged and stored in an Azure Storage account.

You have the following requirements:

- Deploy the latest version of the application to production with the least amount of downtime.
- Ensure that the updated application can be tested prior to deploying to the Production site,
- Ensure that the original version of the application can be restored until the new version is verified.

Which four steps 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.

Action	Answer Area
Deploy the new package to the Staging slot.	
Create a new cloud service.	
Provide the URL to the development team.	
Deallocate the Staging deployment.	
Deploy the new package to the Production slot.	
Perform VIP Swap.	

Answer:

Action	Answer Area
Create a new cloud service.	Deploy the new package to the Staging slot.
	Provide the URL to the development team.
	Perform VIP Swap.
Deploy the new package to the Production slot.	Deallocate the Staging deployment.

Explanation:

<http://azure.microsoft.com/en-gb/documentation/articles/web-sites-staged-publishing/>

QUESTION 89

You manage a cloud service that utilizes data encryption.

You need to ensure that the certificate used to encrypt data can be accessed by the cloud service application.

What should you do?

- A. Upload the certificate referenced in the application package.
- B. Deploy the certificate as part of the application package.
- C. Upload the certificate's public key referenced in the application package.
- D. Use RDP to install the certificate.

Answer: A

Explanation:

The developer must deploy the public key with their application so that, when Windows Azure spins up role instances, it will match up the thumbprint in the service definition with the uploaded service certificate and deploy the private key to the role instance. The private key is intentionally non-exportable to the .pfx format, so you won't be able to grab the private key through an RDC connection into a role instance.

QUESTION 90

You administer a Windows Server virtual machine (VM).

You upload the VM to Azure.

You need to ensure that you are able to deploy the BGInfo and VMAccess extensions.

What should you do?

- A. Select the Install the VM Agent checkbox while provisioning a VM based on your uploaded VHD.
- B. Select the Enable the VM Extensions checkbox while provisioning a VM based on your uploaded VHD.
- C. Install the VM Agent MSI and execute the following Power Shell commands:
`$vm = Get-AzureVM -serviceName $svc -Name $name $vm.VM.ProvisionGuestAgent = $true
Update-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`
- D. Install the VM Agent MSI and execute the following Power Shell commands:
`$vm = Get-AzureVM -serviceName $svc -Name $name Set-AzureVMBGInfoExtension -VM $vm.VM
Set-AzureVM Access Extension -VM $vm.VM
Update-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`

Answer: C

Explanation:

The VM Agent can be enabled by manually downloading and installing the VM Agent (either the Windows or Linux version) on an existing VM instance and then setting the ProvisionGuestAgent value to true using Powershell or a REST call. (If you do not set this value after manually installing the VM Agent, the addition of the VM Agent is not detected properly.)

The following code example shows how to do this using PowerShell where the \$svc and \$name arguments have already been determined.

```
$vm = Get-AzureVM -serviceName $svc -Name $name
$vm.VM.ProvisionGuestAgent = $TRUE
Update-AzureVM -Name $name -VM $vm.VM -ServiceName $svc
```

QUESTION 91

Hotspot Question

You manage two cloud services named Service1 and Service2.

The development team updates the code for each application and notifies you that the services are packaged and ready for deployment.

Each cloud service has specific requirements for deployment according to the following table.

Name	Deployment requirements
Service1	<ul style="list-style-type: none"> You must be able to re-deploy the service using a previous package. The package must be retained for disaster recovery purposes.
Service2	<ul style="list-style-type: none"> Maintaining the existing service package is not required.

In the table below, identify the deployment method for each service. Make only one selection in each column.

Answer Area

Deployment method	Service1	Service2
Manually update DLL on cloud service by means of RDP.	<input type="radio"/>	<input type="radio"/>
Update by using package in Azure Storage.	<input type="radio"/>	<input type="radio"/>
Update by using package from your local computer.	<input type="radio"/>	<input type="radio"/>

Answer:
Answer Area

Deployment method	Service1	Service2
Manually update DLL on cloud service by means of RDP.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Update by using package in Azure Storage.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Update by using package from your local computer.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

QUESTION 92

You administer a cloud service.

You plan to host two web applications named contosoweb and contosowebsupport.

You need to ensure that you can host both applications and qualify for the Azure Service Level Agreement.

You want to achieve this goal while minimizing costs.

How should you host both applications?

- A. in different web roles with two instances in each web role
- B. in the same web role with two instances
- C. in different web roles with one instance in each web role

- D. in the same web role with one instance

Answer: B

Explanation:

A cloud service must have at least two instances of every role to qualify for the Azure Service Level Agreement, which guarantees external connectivity to your Internet-facing roles at least 99.95 percent of the time.

<http://azure.microsoft.com/en-us/documentation/articles/cloud-services-what-is/>

QUESTION 93

Your company has two physical locations configured in a geo-clustered environment that includes:

- System Center Virtual Machine Manager 2012 R2
- System Center Data Protection Manager 2012 R2
- SQL Server 2012
- Windows Server 2012 R2 Hyper-V
- Over 100 virtual machines (VMs) in each physical location

Your company has recently signed up for Azure.

You plan to leverage your current network environment to provide a backup solution for your VMs.

You need to recommend a solution that ensures all VMs are redundant and deployable between locations.

You also want the solution to minimize downtime in the event of an outage at either physical location.

Which solution should you recommend?

- A. Configure a backup vault in Azure and use Data Protection Manager to back up The Windows Servers.
- B. Use Data Protection Manager and back up the VMs in each location.
- C. Use Azure site recovery in an on-premises to Azure protection configuration.
- D. Use Azure site recovery in an on-premises to on-premises protection configuration.

Answer: D

Explanation:

On-Premises to On-Premises (Hyper-V replication)

* Cloud metadata is sent to Azure Site Recovery.

Replicated data is stored in location specified on target Hyper-V server.

* Azure account with Azure Site Recovery enabled.

* Virtual machines replicate from source on-premises Hyper-V server to another.

You can set up reverse replication to replicate back to the source location.

* Requires source and target VMM servers with at least one cloud on each, or a single VMM server with two clouds. Clouds must contain at least one Hyper-V host server or cluster.

QUESTION 94

You manage an application running on Azure Web Sites Standard tier. The application uses a substantial amount of large image files and is used by people around the world.

Users from Europe report that the load time of the site is slow.

You need to implement a solution by using Azure services.

Which two actions will achieve the goal? Each correct answer presents a complete solution.

- A. Configure Azure blob storage with a custom domain.
- B. Configure Azure CDN to cache all responses from the application web endpoint.

- C. Configure Azure Web Site auto-scaling to increase instances at high load.
- D. Configure Azure CDN to cache site images and content stored in Azure blob storage.

Answer: AD

Explanation:

Blobs that benefit the most from Azure CDN caching are those that are accessed frequently during their time-to-live (TTL) period. A blob stays in the cache for the TTL period and then is refreshed by the blob service after that time is elapsed. Then the process repeats.

<http://azure.microsoft.com/en-us/documentation/articles/storage-custom-domainname/>
<http://blog.maartenballiauw.be/post/2013/08/20/Using-the-Windows-Azure-Content-Delivery-Network-CDN.aspx>

QUESTION 95

You manage a set of virtual machines (VMs) deployed to the cloud service named fabrikamVM. You configure auto scaling according to the following parameters:

- With an instance range of two to six instances
- To maintain CPU usage between 70 and 80 percent To scale up one instance at a time
- With a scale up wait time of 30 minutes
- To scale down one instance at a time
- With a scale down wait time of 30 minutes

You discover the following usage pattern of a specific application:

The application peaks very quickly, and the peak lasts for several hours.

CPU usage stays above 90 percent for the first 1 to 1.5 hours after usage increases.

After 1.5 hours, the CPU usage falls to about 75 percent until application usage begins to decline.

You need to modify the auto scaling configuration to scale up faster when usage peaks.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Decrease the scale down wait time.
- B. Decrease the scale up wait time.
- C. Increase the number of scale up instances.
- D. Increase the scale up wait time.
- E. Increase the maximum number of instances.

Answer: BC

QUESTION 96

Your company network has two physical locations configured in a geo-clustered environment.

You create a Blob storage account in Azure that contains all the data associated with your company.

You need to ensure that the data remains available in the event of a site outage.

Which storage option should you enable?

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

Answer: D

Explanation:

Introducing Read-only Access to Geo Redundant Storage (RA-GRS):

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.

QUESTION 97

You develop a set of Power Shell scripts that will run when you deploy new virtual machines (VMs).

You need to ensure that the scripts are executed on new VMs.

You want to achieve this goal by using the least amount of administrative effort.

What should you do?

- A. Create a new GPO to execute the scripts as a logon script.
- B. Create a SetupComplete.cmd batch file to call the scripts after the VM starts.
- C. Create a new virtual hard disk (VHD) that contains the scripts.
- D. Load the scripts to a common file share accessible by the VMs.
- E. Set the VMs to execute a custom script extension.

Answer: E**Explanation:**

After you deploy a Virtual Machine you typically need to make some changes before it's ready to use. This is something you can do manually or you could use Remote PowerShell to automate the configuration of your VM after deployment for example.

But now there's a third alternative available allowing you customize your VM: the CustomScript extension.

This CustomScript extension is executed by the VM Agent and it's very straightforward: you specify which files it needs to download from your storage account and which file it needs to execute. You can even specify arguments that need to be passed to the script.

The only requirement is that you execute a .ps1 file.

<http://fabriccontroller.net/blog/posts/customizing-your-microsoft-azure-virtual-machines-with-the-new-customscript-extension/>

QUESTION 98

You manage a virtual Windows Server 2012 web server that is hosted by an on-premises Windows Hyper-V server.

You plan to use the virtual machine (VM) in Azure.

You need to migrate the VM to Azure Storage to add it to your repository.

Which Azure Power Shell cmdlet should you use?

- A. Import-AzureVM
- B. New-AzureVM
- C. Add-AzureDisk
- D. Add-AzureWebRole
- E. Add-AzureVhd

Answer: E**Explanation:**

* How do I move an existing virtual machine to the cloud?

The steps are pretty basic:

Create a place to store your hard disk in Windows Azure Prepare your virtual hard disk

Upload your virtual hard disk

Create your machine in Windows Azure

* Add-AzureVhd

Uploads a virtual hard disk (in .vhd file format) from an on-premises virtual machine to a blob in a cloud storage account in Azure.

The Add-AzureVhd cmdlet allows you to upload on-premises virtual hard disks (in .vhd file format) to a blob storage account as fixed virtual hard disks. You can configure the number of uploader threads that will be used or overwrite an existing blob in the specified destination URL. Also supported is the ability to upload a patched version of an on-premises .vhd file: When a base virtual hard disk has already been uploaded, you can upload differencing disks that use the base image as the parent. Shared access signature (SAS URL) is supported as well.

<http://msdn.microsoft.com/en-us/library/dn495173.aspx>

QUESTION 99

You administer of a set of virtual machine (VM) guests hosted in Hyper-V on Windows Server 2012 R2.

The virtual machines run the following operating systems:

- Windows Server 2008
- Windows Server 2008 R2
- Linux (openSUSE 13.1)

All guests currently are provisioned with one or more network interfaces with static bindings and VHDX disks.

You need to move the VMs to Azure Virtual Machines hosted in an Azure subscription.

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

- A. Install the WALinuxAgent on Linux servers.
- B. Ensure that all servers can acquire an IP by means of Dynamic Host Configuration Protocol (DHCP).
- C. Upgrade all Windows VMs to Windows Server 2008 R2 or higher.
- D. Sysprep all Windows servers.
- E. Convert the existing virtual disks to the virtual hard disk (VHD) format.

Answer: ACE

Explanation:

You only need to do a sysprep if you are planning to use it for an image. Because Server 2012 is using .vhdx and Azure doesn't yet support .vhdx you need to convert it to vhd.

QUESTION 100

You administer a virtual machine (VM) that is deployed to Azure.

You configure a rule to generate an alert when the average availability of a web service on your VM drops below 95 percent for 15 minutes.

The development team schedules a one-hour maintenance period.

You have the following requirements:

- No alerts are created during the maintenance period.
- Alerts can be restored when the maintenance is complete.

You want to achieve this goal by using the least amount of administrative effort.

What should you do from the Management Portal?

- A. Select and disable the rule from the Dashboard page of the virtual machine.

- B. Select and delete the rule from the Configure page of the virtual machine.
- C. Select and disable the rule from the Monitor page of the virtual machine.
- D. Select and disable the rule on the Configure page of the virtual machine.

Answer: C

Explanation:

* Example:

fabsvc



* Virtual Machines

You can configure virtual machine alert rules on:

- / Monitoring metrics from the virtual machine host operating system
- / Web endpoint status metrics

QUESTION 101

Drag and Drop Question

You administer an Azure Virtual Machine (VM) named CON-CL1.

CON-CL1 is in a cloud service named ContosoService1.

You want to create a new VM named MyApp that will have a fixed IP address and be hosted by an Azure Datacenter in the US West region.

You need to assign a fixed IP address to the MyApp VM.

Which Azure Power Shell cmdlets and values should you use? To answer, drag the appropriate cmdlet or value to the correct location in the PowerShell command. Each cmdlet or value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content

cmdlets and values	PowerShell Command
West US	PS C:\> \$ cmdlet or value = cmdlet or value - ReservedIPName "MyApp" -Label "WebAppMyApp" -Location "
Central US	PS C:\> New-AzureVMConfig -Name "WebAppVM" -InstanceSize Small -ImageName \$images[60].ImageName Add-AzureProvisioningConfig -Windows -AdminUsername Administrator -Password Admin\$Pwd
New-AzureReservedIP	New-AzureVM -ServiceName "MyWebApp" cmdlet or value
New-AzureInstanceLevelIP	\$ReservedIP -location " cmdlet or value "
ReservedIP	
ReservedIPName	
Set-AzureReservedIP	
Set-AzureInstanceLevelIP	

Answer:

cmdlets and values	PowerShell Command
West US	PS C:\> \$ ReservedIP = New-AzureReservedIP - ReservedIPName "MyApp" -Label "WebAppMyApp" -Location " West US "
Central US	PS C:\> New-AzureVMConfig -Name "WebAppVM" -InstanceSize Small -ImageName \$images[60].ImageName Add-AzureProvisioningConfig -Windows -AdminUsername Administrator -Password Admin\$Pwd
New-AzureReservedIP	New-AzureVM -ServiceName "MyWebApp" ReservedIPName
New-AzureInstanceLevelIP	\$ReservedIP -location " West US "
ReservedIP	
ReservedIPName	
Set-AzureReservedIP	
Set-AzureInstanceLevelIP	

QUESTION 102

You are designing a Windows Azure application that will use Windows Azure Table storage.

You need to recommend an approach for minimizing storage costs.

What should you recommend?

- Use Entity Group Transactions.
- Use multiple partitions to store data.
- Use a transaction scope to group all storage operations.
- Use Microsoft Distributed Transaction Coordinator (MSDTC).

Answer: A

QUESTION 103

You are designing an application that will use Windows Azure Table storage to store millions of data points each day.

The application must retain each day's data for only one week.

You need to recommend an approach for minimizing storage transactions.

What should you recommend?

- A. Use a separate table for each date.
Delete each table when it is one week old.
- B. Use a separate table for each week.
Delete each table when it is one week old.
- C. Use a single table, partitioned by date.
Use Entity Group Transactions to delete data when it is one week old.
- D. Use a single table, partitioned by week.
Use Entity Group Transactions to delete data when it is one week old.

Answer: A

QUESTION 104

You are designing a Windows Azure application that will store data in two SQL Azure databases. The application will insert data in both databases as part of a single logical operation. You need to recommend an approach for maintaining data consistency across the databases. What should you recommend?

- A. Execute database calls on parallel threads.
- B. Wrap the database calls in a single transaction scope.
- C. Use Microsoft Distributed Transaction Coordinator (MSDTC).
- D. Handle errors resulting from the database calls by using compensatory logic.

Answer: D

QUESTION 105

A Windows Azure application stores data in a SQL Azure database. The application will start an operation that includes three insert statements. You need to recommend an approach for rolling back the entire operation if the connection to SQL Azure is lost. What should you recommend?

- A. Ensure that all statements execute in the same database transaction.
- B. Create a stored procedure in the database that wraps the insert statements in a TRY CATCH block.
- C. Create a stored procedure in the database that wraps the insert statements in a TRANSACTION block.
- D. Open a new connection to the database.
Use a separate transaction scope to roll back the original operation.

Answer: A

QUESTION 106

An application uses Windows Azure Table storage. The application uses five tables. One table used by the application is approaching the limit for storage requests per second. You need to recommend an approach for avoiding data access throttling. What should you recommend?

- A. Use a single partition key for the table.
- B. Compress data before storing it in the table.

- C. Create additional partition keys for the table.
- D. Continually remove unnecessary data from the table.

Answer: C

QUESTION 107

A Windows Azure application retrieves data from SQL Azure.
You need to recommend an approach for improving application query performance.
What should you recommend?

- A. Create a database view to retrieve the data.
- B. Use a clustered index on the SQL Azure database tables.
- C. Open a new database connection when an operation times out.
- D. Create SQL Azure database table indexes based on application queries.

Answer: D

QUESTION 108

You are developing a Windows Azure application in which a web role and worker role will communicate by using a Windows Azure Queue.
You need to recommend an approach for ensuring that the worker role does not attempt to process any message more than three times.
What should you recommend?

- A. Appropriately handle poison messages.
- B. Decrease the visibility timeout for messages.
- C. Reduce the time-to-live interval for messages in the queue.
- D. Increase the number of worker role instances reading messages from the queue.

Answer: A

Explanation:

Poison message support Yes Yes

To find "poison" messages in Windows Azure Queues, when dequeuing a message the application examines the DequeueCount property of the message. If DequeueCount is above a given threshold, the application moves the message to an application-defined "dead letter" queue.

QUESTION 109

You are designing a Windows Azure application.
The application includes processes that communicate by using Windows Communications Foundation (WCF) services.
The WCF services must support streaming.
You need to recommend a host for the processes and a WCF binding.
Which two actions should you recommend?
(Each correct answer presents part of the solution. Choose two.)

- A. Host the processes in web roles.
- B. Host the processes in worker roles.
- C. Use NetTcpBinding for the WCF services.
- D. Use WSHttpBinding for the WCF services.

Answer: BC

QUESTION 110

You are designing a Windows Azure application that will use a worker role.

The worker role will create temporary files.

You need to recommend an approach for creating the temporary files that minimizes storage transactions.

What should you recommend?

- A. Create the files on a Windows Azure Drive.
- B. Create the files in Windows Azure local storage.
- C. Create the files in Windows Azure Storage page blobs.
- D. Create the files in Windows Azure Storage block blobs.

Answer: B

QUESTION 111

You are evaluating a Windows Azure application.

The application uses one instance of a web role.

The role instance size is set to Medium.

The application does not use SQL Azure.

You have the following requirements for scaling the application:

- Maximize throughput.
- Minimize downtime while scaling.
- Increase system resources.

You need to recommend an approach for scaling the application.

What should you recommend?

- A. Set up vertical partitioning.
- B. Set up horizontal partitioning.
- C. Increase the number of role instances.
- D. Change the role instance size to Large.

Answer: C

QUESTION 112

You are designing a Windows Azure web application.

The application will be accessible at a standard cloudapp.net URL.

You need to recommend a DNS resource record type that will allow you to configure access to the application through a custom domain name.

Which type should you recommend?

- A. A
- B. CNAME
- C. MX
- D. SRV

Answer: B

QUESTION 113

You have an Azure subscription.

You can create an Azure Active Directory(Azur AD) tenant named Tenant1

You need to configure the integration of Tenant1 and Google Apps.

You perform the required configuration on the google apps tenant.

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

- A. Configure directory integration.
- B. Enable application integration
- C. Add a custom domain.
- D. Configure Single-Sign On (SSO)
- E. Add a multi-factor authentication provider.

Answer: ABD

Explanation:

<https://msdn.microsoft.com/en-us/library/azure/dn308591.aspx>

QUESTION 114

You have an Azure subscription that contains a storage account named STOR1 and a container name CONTAINER1.

You need to monitor read access for the blobs inside CONTAINER1.

The monitoring data must be retained for 10 days.

What should you do?

- A. Run the Set-AzureStorageServiceMetricsProperty cmdlet.
- B. Run the New-AzureStorageBlobSASToken Cmdlet.
- C. Run the Set-AzureStorageServiceLoggingProperty cmdlet.
- D. Edit the blob properties of CONTAINER1.

Answer: C

Explanation:

<https://msdn.microsoft.com/library/azure/dn782840.aspx#HowtoenableStorageLoggingusingPowerShell>

QUESTION 115

You deploy an Azure web app named contosoApp. ContosoApp is available by using HTTP or HTTPS.

You need to ensure that a web administrator receives an email notification if the average response time for contosoAPP exceeds 50 milliseconds.

Which two tasks should you perform? Each correct answer presents part of the solution.

- A. Create an HTTPS monitoring endpoint.
- B. Create a metric.
- C. Create a rule.
- D. Create an HTTP monitoring endpoint.
- E. Add a multi-factor authentication provider.

Answer: BC

Explanation:

<https://azure.microsoft.com/en-us/documentation/articles/web-sites-monitor/#webendpointstatus>

QUESTION 116

You have an Azure subscription that has a virtual machine named VM1. VM1 runs a line-of-business application named APP1. You create two additional virtual machines named VM2 and VM3 to host APP1. You need to ensure that there is always at least one virtual machine online to host APP1. Which command should you run? To answer, select the appropriate options in the answer area.

- A. Export-AzureVM
- B. Get-AzureAffinityGroup
- C. Get-AzureEndPoint
- D. Get-AzureVM

Answer: D

Explanation

<https://msdn.microsoft.com/fr-fr/library/azure/dn495236.aspx>

QUESTION 117

Drag and Drop Question

You are the server administrator for several on-premises systems.

You need to back up all the systems to the cloud by using Azure Backup.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Download and install the backup agent.	
Configure the backup vault.	↗
Configure the backup schedule.	↙
Register the server.	
Download the vault credentials.	

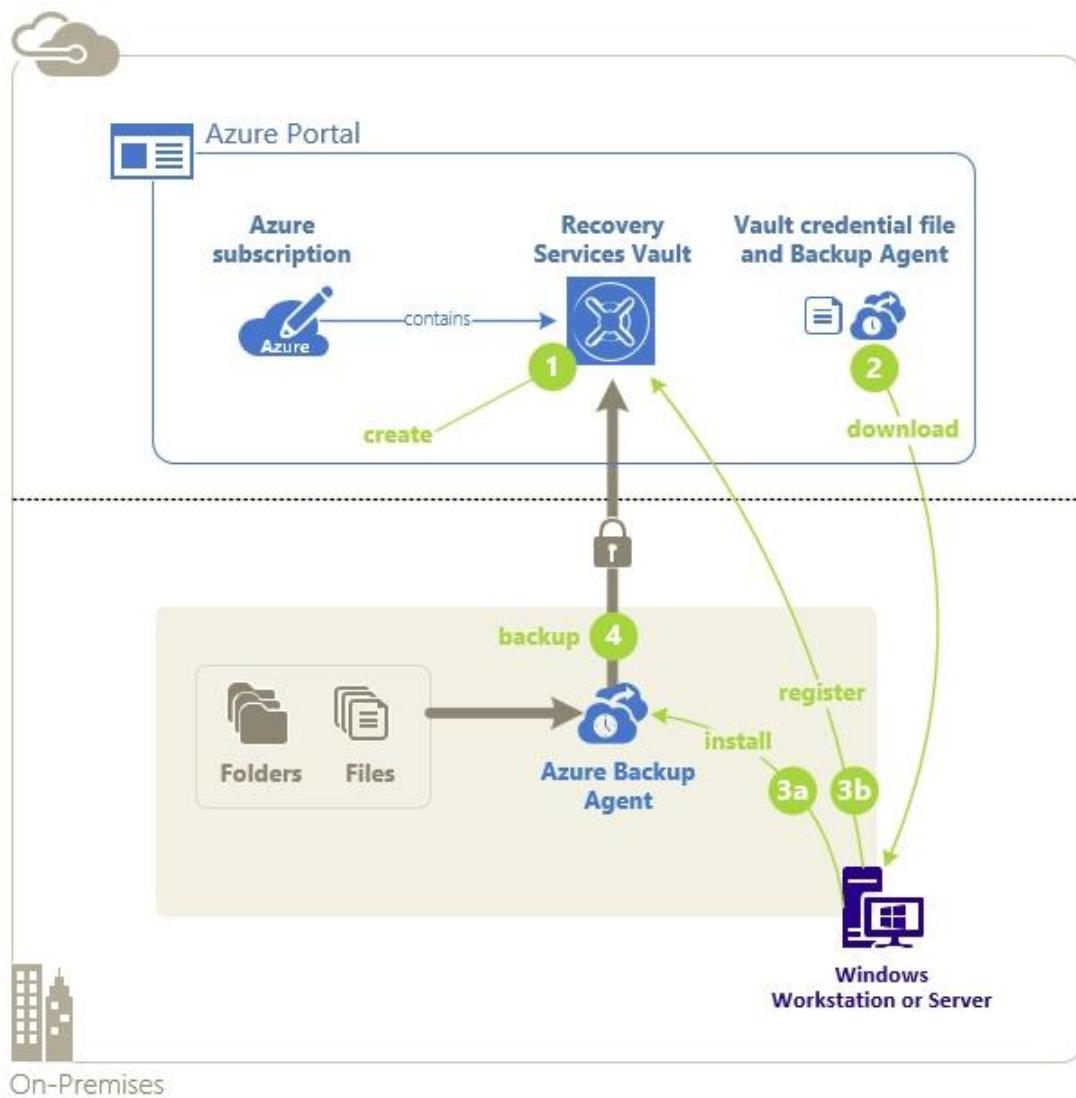
Answer:

Actions	Answer Area
	Configure the backup vault.
↗	Download the vault credentials.
↖	Download and install the backup agent.
	Register the server.
	Configure the backup schedule.

Explanation:

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

Azure


QUESTION 118

For development purposes, you deploy several virtual machines in an Azure subscription. Developers report that the virtual machines fail to access each other. You export the virtual network configuration for the subscription as shown in the following output.

```
<NetworkConfiguration xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://schemas.microsoft.com/ServiceHosting/2011/07/NetworkConfiguration">
    <VirtualNetworkConfiguration>
        <Dns>
            <DnsServers>
                <DnsServer name="DNSServer" IPAddress="169.254.0.1" />
            </DnsServers>
        </Dns>
        <LocalNetworkSites>
            <LocalNetworkSite name="RemoteNet">
                <AddressSpace>
                    <AddressPrefix>10.0.0.1/23</AddressPrefix>
                </AddressSpace>
            </LocalNetworkSite>
        </LocalNetworkSites>
        <VirtualNetworkSites>
            <VirtualNetworkSite name="ContosoNetwork" Location="East US">
                <AddressSpace>
                    <AddressPrefix>10.0.2.0/23</AddressPrefix>
                </AddressSpace>
                <Subnets>
                    <Subnet name="Subnet-1">
                        <AddressPrefix>10.0.2.0/26</AddressPrefix>
                    </Subnet>
                    <Subnet name="GatewaySubnet">
                        <AddressPrefix>10.0.2.64/29</AddressPrefix>
                    </Subnet>
                </Subnets>
                <DnsServersRef>
                    <DnsServerRef name="DNSServer" />
                </DnsServersRef>
                <Gateway>
                    <VPNClientAddressPool>
                        <AddressPrefix>10.0.0.0/24</AddressPrefix>
                    </VPNClientAddressPool>
                    <ConnectionsToLocalNetwork />
                </Gateway>
            </VirtualNetworkSite>
        </VirtualNetworkSites>
    </VirtualNetworkConfiguration>
</NetworkConfiguration>
```

You need to modify the network configuration to resolve the connection issue.
What should you modify?

- A. the IP address range of Subnet-1
- B. the IP address range of the gateway subnet.
- C. the IP address of the DNS server
- D. the site of the virtual network

Answer: C

QUESTION 119

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1 that has a domain name of tenant1.onmicrosoft.com. You need to add the contoso.com domain name to Tenant1.

Which DNS record should you add to the contoso.com zone to be able to verify from Azure whether you own the contoso.com domain?

- A. standard alias (CNAME)
- B. mail exchanger (MX)
- C. host (AAAA)
- D. signature (SIG)

Answer: B

Explanation:

Mail Exchanger (MX) record to verify a custom domain.

You can use a txt record or alternatively an MX record. as TXT record isn't an option, the only option left is MX. you would add the MS=xxxxxxxx into these record.

<https://stackoverflow.com/questions/22380653/verify-a-domain-name-in-azure-active-directory>

<https://docs.microsoft.com/en-us/azure/active-directory/add-custom-domain#add-a-dns-entry-for-the-domain-name-at-the-domain-name-registrar>

QUESTION 120

You purchase an Azure subscription.

You plan to deploy an application that requires four Azure virtual machines (VMs).

All VMs use Azure Resource Management (ARM) mode.

You need to minimize the time that it takes for VMs to communicate with each other.

What should you do?

- A. Create a multi-site virtual network.
- B. Create a regional virtual network.
- C. Create a site-to-site virtual network.
- D. Add the VMs to the same affinity group.

Answer: D

QUESTION 121

You have an Azure subscription.

In Azure, you create two virtual machines named VM1 and VM2. Both virtual machines are instances in a cloud service named Cloud1.

You need to ensure that the virtual machines only replicate within the data center in which they were created.

Which settings should you modify?

- A. virtual machine
- B. storage account
- C. cloud services
- D. Azure subscription

Answer: B

QUESTION 122

You are the global administrator for a company's Azure subscription.

The company uses Azure Active Directory Premium and the Application Access Panel. You are configuring access to a Software as a Service (SaaS) application. You need to ensure that the sales team lead is able to manage user access to the application but is unable to modify administrative access to the application. In the Azure portal, what should you do?

- A. Create an Azure group and assign it to the SaaS application.
Create an Azure user with the User Admin role, and assign the user as the owner of the new group.
- B. Create an Azure group and assign it to the SaaS application.
Create an Azure user with the Service Admin role, and assign the user as the owner of the new group.
- C. Set the values of the Delegated group management and Users can create groups settings to Enabled.
- D. Create an Azure group and assign it to the SaaS application.
Create an Azure user with the Global Admin role, and assign the user as the owner of the new group.

Answer: A

QUESTION 123

Drag and Drop Question

Fourth Coffee has an on-premises, multiple-forest Active Directory (AD) domain.

The company hosts web applications and mobile application services.

Fourth Coffee uses Microsoft Office 365 and uses Azure Active Directory (Azure AD).

You have the following requirements:

- The on-premises Active Directory and Azure AD need to be connected to provide a single sign-on experience for users.
- Users must be directed to your on-premises AD to login when they authenticate with cloud services.
- Password changes that originate with Azure AD must be written back to your on-premises directory.

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
Add the password writeback feature only.	
Add the password writeback and password synchronization features.	
Select Federation with Active Directory Federation Services (AD FS) as the single sign-on method.	
Select Password Synchronization as the single sign-on method.	▶
Install Azure AD Connect by using Express Settings.	◀
Install Azure AD Connect with Customized Settings.	◀

Answer:

Actions	Answer Area
Add the password writeback feature only.	Install Azure AD Connect with Customized Settings.
Add the password writeback and password synchronization features.	Select Federation with Active Directory Federation Services (AD FS) as the single sign-on method.
Select Federation with Active Directory Federation Services (AD FS) as the single sign-on method.	Add the password writeback feature only.
Select Password Synchronization as the single sign-on method.	(Up)
Install Azure AD Connect by using Express Settings.	(Down)
Install Azure AD Connect with Customized Settings.	

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/active-directory-passwords-getting-started/#writeback-prerequisites>
<https://azure.microsoft.com/en-gb/documentation/articles/active-directory-aadconnect-get-started-custom/>

QUESTION 124

A company has an Azure subscription with four virtual machines (VM) that are provisioned in an availability set. The VMs support an existing web service.

The company expects additional demand for the web service.

You add 10 new VMs to the environment.

You need to configure the environment.

How many Update Domains (UDs) and Fault Domains (FDs) should you create?

- A. 2 UDs and 5 FDs
- B. 5 UDs and 2 FDs
- C. 14 UDs and 2 FDs
- D. 14 UDs and 14 FDs

Answer: B

QUESTION 125

Hotspot Question

You have an Azure subscription that contains two Azure SQL Database servers named lpqd0zbr8y and bk0b8kf65. lpqd0zbr8y contains a database named Orders.

You need to implement active geo-replication for the Orders database.

Which command should you run? To answer, select the appropriate options in the answer area.

Answer Area

<pre>New-AzureSQLRecoverableDatabase Set-AzureSqlDatabaseServer Start-AzureSqlDatabaseCopy Start-AzureSqlDatabaseServer</pre>	-ServerName	<input type="text" value="bk0b8kf65"/> <input type="text" value="lpqd0zbr8y"/>
-DatabaseName "Orders" -ParnerServer		<input type="text" value="bk0b8kf65"/> <input type="text" value="lpqd0zbr8y"/>
-ContinuousCopy		

Answer:

Answer Area

<pre>New-AzureSQLRecoverableDatabase Set-AzureSqlDatabaseServer Start-AzureSqlDatabaseCopy Start-AzureSqlDatabaseServer</pre>	-ServerName	<input type="text" value="bk0b8kf65"/> <input type="text" value="lpqd0zbr8y"/>
-DatabaseName "Orders" -ParnerServer		<input type="text" value="bk0b8kf65"/> <input type="text" value="lpqd0zbr8y"/>
-ContinuousCopy		

Explanation:

<https://msdn.microsoft.com/en-us/library/dn720220.aspx>

QUESTION 126

Drag and Drop Question

You create a virtual machine (VM) in Azure.

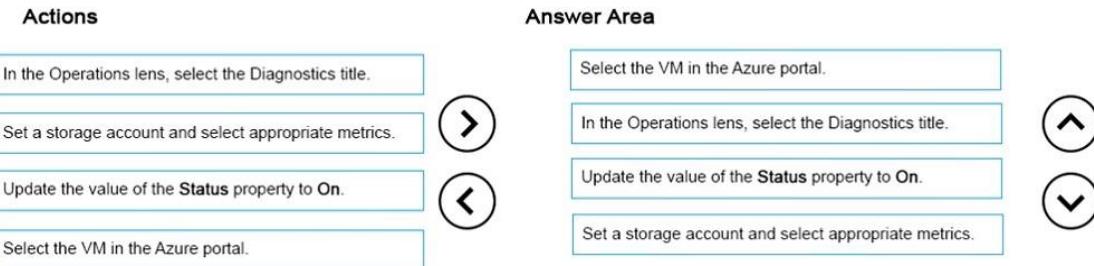
The VM runs an important line of business application.

Users report that the application is slow and unstable.

You need to enable diagnostics for the VM.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
In the Operations lens, select the Diagnostics title.	(>)
Set a storage account and select appropriate metrics.	(↑)
Update the value of the Status property to On.	(↓)
Select the VM in the Azure portal.	

Answer:

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/insights-how-to-use-diagnostics/>

QUESTION 127
Hotspot Question

You deploy an ASP.NET application to an Azure Cloud Service.

You must collect telemetry data for troubleshooting performance issues and resource usage.

You need to configure Azure diagnostics.

For each requirement, which data source should you specify? To answer, select the appropriate data source from each list in the answer area.

Answer area

Requirement	Data Source
Determine percentage of processor time used.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> Performance counters <input type="checkbox"/> Custom error logs <input type="checkbox"/> Windows Event logs </div>
View logs created by the application.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> Custom error logs <input type="checkbox"/> IIS Logs <input type="checkbox"/> Windows logs </div>
Determine cause for 404 error experienced by clients.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> IIS Failed Request logs <input type="checkbox"/> Crash dumps <input type="checkbox"/> Azure Diagnostic infrastructure logs </div>

Answer:

Answer area

Requirement	Data Source
-------------	-------------

Determine percentage of processor time used.

▼	<input checked="" type="checkbox"/> Performance counters <input type="checkbox"/> Custom error logs <input type="checkbox"/> Windows Event logs
---	---

View logs created by the application.

▼	<input checked="" type="checkbox"/> Custom error logs <input type="checkbox"/> IIS Logs <input type="checkbox"/> Windows logs
---	---

Determine cause for 404 error experienced by clients.

▼	<input checked="" type="checkbox"/> IIS Failed Request logs <input type="checkbox"/> Crash dumps <input type="checkbox"/> Azure Diagnostic infrastructure logs
---	--

Explanation:

<https://azure.microsoft.com/en-us/documentation/articles/azure-diagnostics/#cloud-services>

QUESTION 128
Drag and Drop Question

You manage an Azure virtual machine (VM) named AppVM.

The application hosted on AppVM continuously writes small files to disk.

Recently the usage of applications on AppVM has increased greatly.

You need to improve disk performance on AppVM.

Which Microsoft Azure Power Shell cmdlet should you use with each Power Shell command line?

To answer, drag the appropriate Microsoft Azure Power Shell cmdlet to the correct location in the Power Shell code. Each Power Shell cmdlet 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.

cmdlets <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> Set-AzureOSDisk </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> Set-AzureDataDisk </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> New-AzureVMConfig </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> ReadOnly </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> WriteOnly </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <input type="checkbox"/> ReadWrite </div>	PowerShell code <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> C:\PS>Get-AzureVM "AppService" -name </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> "AppVM" cmdlet -LUN 3 </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> -HostCaching cmdlet Update </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 10px;"> -AzureVM </div>
---	--

Answer:

cmdlets	PowerShell code		
	C:\PS>Get-AzureVM "AppService" -name		
Set-AzureDataDisk	"AppVM"	Set-AzureOSDisk	-LUN 3
New-AzureVMConfig	-HostCaching	ReadWrite	Update
ReadOnly	...		
WriteOnly	-AzureVM		

Explanation:

This question was corrected from Microsoft. The options none has been updated with read/write. I have choose read/write because none is the default setting for data disk in azure, for improve performance you must to set read/write caching.

QUESTION 129
Drag and Drop Question

You create a Push Notification service by using an Azure Notification Hub.

You need to monitor the Notification Hub programmatically.

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
Upload a management certificate to the Azure subscription.	
Add a Microsoft System Center 2012 R2 Operations Manager agent to the Notification Hub.	
Create a certificate by using the MakeCert command.	>
Use a REST interface to programmatically access the metrics of the Notification Hub.	◀
Use a SOAP interface to programmatically access the metrics of the Notification Hub.	↑ ↓

Answer:

Actions	Answer Area
Upload a management certificate to the Azure subscription.	Create a certificate by using the MakeCert command.
Add a Microsoft System Center 2012 R2 Operations Manager agent to the Notification Hub.	Upload a management certificate to the Azure subscription.
Create a certificate by using the MakeCert command.	Use a REST interface to programmatically access the metrics of the Notification Hub.
Use a REST interface to programmatically access the metrics of the Notification Hub.	
Use a SOAP interface to programmatically access the metrics of the Notification Hub.	

>
<
^
v

Explanation:

<https://msdn.microsoft.com/en-us/library/azure/dn458823.aspx>

QUESTION 130

You manage a cloud service that utilizes an Azure Service Bus queue.

You need to ensure that messages that are never consumed are retained.

What should you do?

- Check the MOVE TO THE DEAD-LETTER SUBQUEUE option for Expired Messages in the Azure Portal.
- From the Azure Management Portal, create a new queue and name it Dead-Letter.
- Execute the Set-AzureServiceBus PowerShell cmdlet.
- Execute the New-AzureSchedulerStorageQueueJob PowerShell cmdlet.

Answer: A

Explanation:

The EnableDeadLetteringOnMessageExpiration property allows to enable\disable the dead-lettering on message expiration.

QUESTION 131

Drag and Drop Question

You manage a web application that currently uses a small instance size.

You need to scale the instance size to medium.

How should you complete the Azure PowerShell script? To answer, drag the appropriate Azure PowerShell segments to the correct locations. Each Azure PowerShell segment 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.

Azure PowerShell segments

Switch-AzureMode

Get-AzureResource

Add-AzureAccount

Set-AzureResource

\$newWorkerSize = 0

\$newWorkerSize = 1

\$newWorkerSize = 2

Answer Area

Azure PowerShell segment AzureResourceManager

\$resourceGroup = "MyResourceGroup"

\$webHostingPlan = "MyWebHostingPlan"

\$whp = Azure PowerShell segment

-Name \$webHostingPlan

-ResourceGroupName \$resourceGroup

-ResourceType "Microsoft.Web/serverFarms"

-ApiVersion 2014-04-01

Azure PowerShell segment

\$whp.Properties.workerSize = \$newWorkerSize

\$whp.Properties.workerSizeId = \$newWorkerSize

Azure PowerShell segment

-Name \$webHostingPlan

-ResourceGroupName \$resourceGroup

Answer:**Azure PowerShell segments**

Switch-AzureMode

Get-AzureResource

Add-AzureAccount

Set-AzureResource

\$newWorkerSize = 0

\$newWorkerSize = 1

\$newWorkerSize = 2

Answer Area

Switch-AzureMode AzureResourceManager

\$resourceGroup = "MyResourceGroup"

\$webHostingPlan = "MyWebHostingPlan"

\$whp = Get-AzureResource

-Name \$webHostingPlan

-ResourceGroupName \$resourceGroup

-ResourceType "Microsoft.Web/serverFarms"

-ApiVersion 2014-04-01

\$newWorkerSize = 1

\$whp.Properties.workerSize = \$newWorkerSize

\$whp.Properties.workerSizeId = \$newWorkerSize

Set-AzureResource

-Name \$webHostingPlan

-ResourceGroupName \$resourceGroup

QUESTION 132

Drag and Drop Question

You have a virtual network and virtual machines that use the Resource Manager deployment model.

You plan to create a Network Security Group (NSG).

You must apply rules to both inbound and outbound traffic.

You need to create the NSG.

In which order will the rules be applied to the virtual network? To answer, drag the appropriate option to the correct location. Each option 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.

Options	Answer Area		
subnet	Rule application order	Inbound traffic rule	Outbound traffic rule
network interface	First		
virtual machine	Second		
Internet			
virtual network			
load balancer			

Answer:

Options	Answer Area		
subnet	Rule application order	Inbound traffic rule	Outbound traffic rule
network interface	First	subnet	network interface
virtual machine	Second	network interface	subnet
Internet			
virtual network			
load balancer			

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/virtual-networks-nsg/>

QUESTION 133

Drag and Drop Question

You have an application that uses an Azure SQL Database.

The database becomes corrupt and is not usable.

You must configure point in time recovery to replace the database.

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.

Possible Actions	Actions To Perform In Sequence
Rename the original database.	
Configure automated backup.	
Copy a back up of the database to the local region.	
In Database dashboard, open the original database.	▶
Create a new database name for the restored database.	◀
Perform a restore operation by using the latest restore point.	↑ ↓

Answer:

Possible Actions	Actions To Perform In Sequence
Rename the original database.	In Database dashboard, open the original database.
Configure automated backup.	
Copy a back up of the database to the local region.	
In Database dashboard, open the original database.	▶
Create a new database name for the restored database.	◀
Perform a restore operation by using the latest restore point.	↑ ↓

Explanation:

<https://azure.microsoft.com/en-gb/blog/azure-sql-database-point-in-time-restore/>

QUESTION 134

You have an Azure subscription that has five virtual machines (VMs).
 You provision the VMs in an availability set to support an existing web service.
 You anticipate additional traffic.
 You identify the following additional requirements for the VMs:
 You need to scale the service.
 What should you recommend?

- A. P10 Premium Storage
- B. P20 Premium Storage
- C. a Basic Tier VM
- D. a Standard Tier VM

Answer: B
Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/storage-premium-storage/#premium-storage-scalability-and-performance-targets>

QUESTION 135

A company is developing a new on-premises desktop application.
The app must be able to access Azure Active Directory (Azure AD) in addition to the on-premises Active Directory.
You need to configure the application.
Which two actions should you perform? Each correct answer presents part of the solution.

- A. Install and run Azure AD Connect
- B. Add an application manifest JSON file to the application and configure the oauth2Permissions section.
- C. Update the application to be multi-tenant.
- D. Update the application to use OAuth 2.0 authentication.
- E. In the Azure Management portal, register the application.

Answer: AE

QUESTION 136

Hotspot Question

You have an Azure Web App that uses the URL contoso.azurewebsites.net.
The virtual IP address of the web app is subject to change.
Users must be able to navigate to a custom domain name to access the Web App.
You set up the DNS records for a custom domain at a third party registrar.
You need to configure the web app to use the custom domain name.
For each mapping, which DNS record type should you create? To answer, select the appropriate DNS record type from each list in the answer area.

Answer area

Mapping

Root domain.

DNS record type

	▼
A	
NS	
CNAME	

Subdomain.

	▼
A	
TXT	
CNAME	

Answer:

Answer area

Mapping

Root domain.

DNS record type

A	▼
NS	
CNAME	

Subdomain.

A	▼
TXT	
CNAME	

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/web-sites-custom-domain-name/>

QUESTION 137

You deploy a web application to an Azure Cloud Service.

The application uses a storage account that contains a large number of storage objects.

You need to grant clients access to application data for a specified interval of time while minimizing effort.

What should you create?

- A. a stored access policy
- B. a service shared access signature
- C. an account shared access signature
- D. a network security group

Answer: C

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/storage-dotnet-shared-access-signature-part-1/>

QUESTION 138

Hotspot Question

You have a virtual machine (VM) that must be secured. Direct access to the VM is not permitted.

You create the following Azure PowerShell script. Line numbers are included for reference only.

```

01 $frontendIP = New-AzureRmLoadBalancerFrontendIpConfig -Name "LB-Frontend"
    -PrivateIpAddress 10.0.2.5 -SubnetId $backendSubnet.Id
02 $beaddresspool = New-AzureRmLoadBalancerBackendAddressPoolConfig -Name "LB-backend"
03 $inboundNATRule = New-AzureRmLoadBalancerInboundNatRuleConfig -Name "RDP1"
    -FrontendIpConfiguration $frontendIP -Protocol TCP -FrontendPort 3441 -BackendPort 3389
04 $lbrule = New-AzureRmLoadBalancerRuleConfig -Name "HTTP" –FrontendIpConfiguration
    $frontendIP -BackendAddressPool $beAddressPool -Protocol TCP
    -FrontendPort 80 -BackendPort 80
05 $nrplb = New-AzureRmLoadBalancer -ResourceGroupName "NRP-RG" -Name "NRP-LB"
    -Location "West US" -FrontendIpConfiguration $frontendIP -InboundNatRule $inboundNATRule
    -LoadBalancingRule $lbrule -BackendAddressPool $beAddressPool
06 $vnet = Get-AzureRmVirtualNetwork -Name "NRPVNet" -ResourceGroupName "NRP-RG"
07 $backendSubnet = Get-AzureRmVirtualNetworkSubnetConfig -Name "LB-Subnet-BE"
    -VirtualNetwork $vnet
08 $backendnic = New-AzureRmNetworkInterface -ResourceGroupName "NRP-RG"
    -Name "lb-nic-be" -Location "West US" -PrivateIpAddress 10.0.2.6 -Subnet $backendSubnet
    -LoadBalancerBackendAddressPool
09 $nrplb.BackendAddressPools[0] -LoadBalancerInboundNatRule $nrplb.InboundNatRules[0]
10 $vm = New-AzureRmVMConfig -VMName "vm1"
11 Add-AzureRmVMNetworkInterface -VM $vm -Id $backendnic.Id

```

You assign the virtual network to the variable \$vnet. You assign the subnet to the variable \$backendSubnet. For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area	Yes	No
The inbound NAT rule configures direct access to the VM instance.	<input type="radio"/>	<input type="radio"/>
All Internet traffic is redirected to local ports.	<input type="radio"/>	<input type="radio"/>
The network interface is connected to the virtual network.	<input type="radio"/>	<input type="radio"/>

Answer:

Answer Area	Yes	No
The inbound NAT rule configures direct access to the VM instance.	<input type="radio"/>	<input checked="" type="radio"/>
All Internet traffic is redirected to local ports.	<input type="radio"/>	<input checked="" type="radio"/>
The network interface is connected to the virtual network.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 139

You have an Azure subscription that contains a backup vault named BV1. BV1 contains five protected servers. Backups run daily.

You need to modify the storage replication settings for the backups. What should you do first?

- A. Create a new backup vault.

- B. Run the Remove-OBPolicy cmdlet.
- C. Configure the backup agent properties on all five servers.
- D. Run the Remove-OBFileSpec cmdlet.

Answer: A

Explanation:

The Correct answer is (A) Create a new backup vault.

The only way I've been able to change from Geo-Redundant Storage (GRS) to Locally Redundant Storage (LRS) is to create a new empty vault in the old portal.

<https://feedback.azure.com/forums/258995-azure-backup-and-scdpm/suggestions/9273282-migrate-data-from-grs-to-lrs>

QUESTION 140

Drag and Drop Question

You manage an Azure virtual network environment for a company that has an office in Boston. The company plans to open a new office location in Paris.

You must replicate the Boston virtual network environment in Paris.

How should you complete the relevant Azure PowerShell commands? To answer, drag the appropriate Azure PowerShell segment to the correct location. Each Azure PowerShell segment 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.

Azure PowerShell segments	Answer Area
Set-AzureVNetConfig	Vancouver office
Get-AzureVNetConfig	Vancouver office
VNetName	Vancouver office
Get-AzureVNetSite	Vancouver office
Set-AzureVNetSite	Vancouver office
ExportToFile	Vancouver office
ConfigurationPath	Vancouver office
Set-AzureVNetConfig	Seattle office
Get-AzureVNetConfig	Seattle office
VNetName	Seattle office
Get-AzureVNetSite	Seattle office
Set-AzureVNetSite	Seattle office
ExportToFile	Seattle office
ConfigurationPath	Seattle office

Answer:

Azure PowerShell segments	Answer Area
Set-AzureVNetConfig	Vancouver office
Get-AzureVNetConfig	Vancouver office
VNetName	Vancouver office
Get-AzureVNetSite	Vancouver office
Set-AzureVNetSite	Vancouver office
ExportToFile	Seattle office
ConfigurationPath	Seattle office

QUESTION 141

You manage an Azure virtual network that hosts 15 virtual machines (VMs) on a single subnet, which is used for testing a line of business (LOB) application.

The application is deployed to a VM named TestWebServiceVM.

You need to ensure that TestWebServiceVM always starts by using the same IP address.

You need to achieve this goal by using the least amount of administrative effort.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

- A. Run the following Azure PowerShell cmdlet: Set-AzureStaticVNetIP
- B. Use the Azure portal to configure TestWebServiceVM.
- C. Run the following Azure PowerShell cmdlet: Get-AzureReservedIP
- D. Use RDP to configure TestWebServiceVM.

Answer: AB

Explanation:

<https://msdn.microsoft.com/en-us/library/azure/dn722490.aspx>

QUESTION 142

Hotspot Question

You deploy an Azure Web App named ContosoApp.

You configure a Traffic Manager profile for ContosoApp.

You need to create the required DNS record to redirect queries to ContosoApp from the Internet.

The solution must ensure that remote users can connect to ContosoApp by using the

<https://webservice.contoso.com> URL.

Which DNS record should you create? To answer, select the appropriate options in the answer area.

Answer area

Fully qualified domain name:

Contosoapp.azurewebsites.net
Contosoapp.trafficmanager.net
Webservice.contoso.com

Record type:

Alias (CNAME)
Text (TXT)
Host (A)

Target:

Contosoapp.azurewebsites.net
Contosoapp.trafficmanager.net
Webservice.contoso.com

Answer:

Answer area

Fully qualified domain name:

Contosoapp.azurewebsites.net	▼
Contosoapp.trafficmanager.net	▼
Webservice.contoso.com	▼

Record type:

Alias (CNAME)	▼
Text (TXT)	▼
Host (A)	▼

Target:

Contosoapp.azurewebsites.net	▼
Contosoapp.trafficmanager.net	▼
Webservice.contoso.com	▼

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/web-sites-traffic-manager- custom-domain-name/>

QUESTION 143

Hotspot Question

You manage a web application named Contoso that is accessible from the URL
<http://www.contoso.com>.

You need to view a live stream of log events for the web application.

How should you configure the Azure PowerShell command? To answer, select the appropriate Azure PowerShell segment from each list in the answer area.

Answer Area

Get-AzureWebSiteLog	▼
Save-AzureWebSiteLog	▼

-Name contoso	▼
-URL, http://www.contoso.com	▼

-Tail	▼
-ListPath	▼

Answer:
Answer Area

Get-AzureWebSiteLog	▼
Save-AzureWebSiteLog	▼

-Name contoso	▼
-URL, http://www.contoso.com	▼

-Tail	▼
-ListPath	▼

Explanation:

<https://msdn.microsoft.com/en-us/library/azure/dn495187.aspx>

QUESTION 144

Drag and Drop Question

An organization has several web applications and uses Azure Active Directory (Azure AD).

You are developing a new web application that supports sign-on using the WS-Federation to Azure AD.

You need to describe the authentication process flow to your team.

In which order are the actions performed? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
The user navigates to the web application URL.	
The web application sends a sign-in request that includes an App ID URI by re-directing to the directory.	
The web application posts a security token to the reply URL.	
The user signs in.	
The web application sets a cookie to maintain session with the user.	

Answer:

Actions	Answer Area
The user navigates to the web application URL.	
The web application sends a sign-in request that includes an App ID URI by re-directing to the directory.	
The web application posts a security token to the reply URL.	
The user signs in.	
The web application sets a cookie to maintain session with the user.	

Explanation:

<https://azure.microsoft.com/en-gb/documentation/articles/active-directory-authentication-scenarios/>

QUESTION 145

You host an application on an Azure virtual machine (VM) that uses a data disk.

The application performs several input and output operations per second.

You need to disable disk caching for the data disk.

Which two actions will achieve the goal? Each answer presents a complete solution.

- A. Use the Azure Resource Manager REST API
- B. Use the Service Management REST API.
- C. Run the following Windows PowerShell cmdlet: Remove-AzureDataDisk
- D. Run the following Windows PowerShell cmdlet: Set-AzureDataDisk

Answer: AD

Explanation:

<http://msdn.microsoft.com/en-us/library/azure/jj157190.aspx>

QUESTION 146

You are developing a REST API service that provides data about products.
The service will be hosted in an Azure virtual machine (VM).
The product data must be stored in Azure tables and replicated to multiple geographic locations.
API calls that use the HTTP GET operation must continue to function when the data tables at the primary Azure datacenter are not accessible.
You need to configure storage for the service.
Which type of replication should you choose?

- A. Locally Redundant Storage replication
- B. Geo-Redundant Storage replication
- C. Zone-Redundant Storage replication
- D. Read-Access Geo-Redundant Storage replication

Answer: D

QUESTION 147

You are migrating an existing solution to Azure.
The solution includes a user interface tier and a database tier.
The user interface tier runs on multiple virtual machines (VMs).
The user interface tier has a website that uses Node.js.
The user interface tier has a background process that uses Python.
This background process runs as a scheduled job.
The user interface tier is updated frequently.
The database tier uses a self-hosted MySQL database.
The user interface tier requires up to 25 CPU cores.
You must be able to revert the user interface tier to a previous version if updates to the website cause technical problems. The database requires up to 50 GB of memory.
The database must run in a single VM.
You need to deploy the solution to Azure.
What should you do first?

- A. Deploy the entire solution to an Azure website.
 Use a web job that runs continuously to host the database.
- B. Deploy the database to a VM that runs Windows Server on the Standard tier.
- C. Deploy the entire solution to an Azure website.
 Run the database by using the Azure data management services.
- D. Deploy the user interface tier to a VM.
 Use multiple availability sets to continuously deploy updates from Microsoft Visual Studio Online.

Answer: C

QUESTION 148

You are designing a Windows Azure application that will use Windows Azure Table storage.
You need to recommend an approach for minimizing storage costs.
What should you recommend?

- A. Use Entity Group Transactions.
- B. Use multiple partitions to store data.
- C. Use a transaction scope to group all storage operations.
- D. Use Microsoft Distributed Transaction Coordinator (MSDTC).

Answer: A

QUESTION 149

You are designing an application that will use Windows Azure Table storage to store millions of data points each day.

The application must retain each day's data for only one week.

You need to recommend an approach for minimizing storage transactions.

What should you recommend?

- A. Use a separate table for each date.
Delete each table when it is one week old.
- B. Use a separate table for each week.
Delete each table when it is one week old.
- C. Use a single table, partitioned by date.
Use Entity Group Transactions to delete data when it is one week old.
- D. Use a single table, partitioned by week.
Use Entity Group Transactions to delete data when it is one week old.

Answer: A

QUESTION 150

You are designing a Windows Azure application that will store data in two SQL Azure databases.

The application will insert data in both databases as part of a single logical operation.

You need to recommend an approach for maintaining data consistency across the databases.

What should you recommend?

- A. Execute database calls on parallel threads.
- B. Wrap the database calls in a single transaction scope.
- C. Use Microsoft Distributed Transaction Coordinator (MSDTC).
- D. Handle errors resulting from the database calls by using compensatory logic.

Answer: D

QUESTION 151

A Windows Azure application stores data in a SQL Azure database.

The application will start an operation that includes three insert statements.

You need to recommend an approach for rolling back the entire operation if the connection to SQL Azure is lost.

What should you recommend?

- A. Ensure that all statements execute in the same database transaction.
- B. Create a stored procedure in the database that wraps the insert statements in a TRY CATCH block
- C. Create a stored procedure in the database that wraps the insert statements in a TRANSACTION block.
- D. Open a new connection to the database. Use a separate transaction scope to roll back the original operation.

Answer: A

QUESTION 152

An application uses Windows Azure Table storage.

The application uses five tables.

One table used by the application is approaching the limit for storage requests per second.

You need to recommend an approach for avoiding data access throttling.

What should you recommend?

- A. Use a single partition key for the table.
- B. Compress data before storing it in the table.
- C. Create additional partition keys for the table.
- D. Continually remove unnecessary data from the table.

Answer: C

QUESTION 153

A Windows Azure application retrieves data from SQL Azure.

You need to recommend an approach for improving application query performance.

What should you recommend?

- A. Create a database view to retrieve the data.
- B. Use a clustered index on the SQL Azure database tables.
- C. Open a new database connection when an operation times out.
- D. Create SQL Azure database table indexes based on application queries.

Answer: D

QUESTION 154

You are developing a Windows Azure application in which a web role and worker role will communicate by using a Windows Azure Queue.

You need to recommend an approach for ensuring that the worker role does not attempt to process any message more than three times.

What should you recommend?

- A. Appropriately handle poison messages.
- B. Decrease the visibility timeout for messages.
- C. Reduce the time-to-live interval for messages in the queue.
- D. Increase the number of worker role instances reading messages from the queue.

Answer: A

QUESTION 155

You are designing a Windows Azure application.

The application includes processes that communicate by using Windows Communications Foundation (WCF) services.

The WCF services must support streaming.

You need to recommend a host for the processes and a WCF binding.

Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.)

- A. Host the processes in web roles.
- B. Host the processes in worker roles.

- C. Use NetTcpBinding for the WCF services.
- D. Use WSHttpBinding for the WCF services.

Answer: BC

QUESTION 156

You are designing a Windows Azure application that will use a worker role.
The worker role will create temporary files.
You need to recommend an approach for creating the temporary files that minimizes storage transactions.
What should you recommend?

- A. Create the files on a Windows Azure Drive.
- B. Create the files in Windows Azure local storage.
- C. Create the files in Windows Azure Storage page blobs.
- D. Create the files in Windows Azure Storage block blobs.

Answer: B

QUESTION 157

You are evaluating a Windows Azure application.
The application uses one instance of a web role.
The role instance size is set to Medium.
The application does not use SQL Azure.
You have the following requirements for scaling the application:

- Maximize throughput.
- Minimize downtime while scaling.
- Increase system resources.

You need to recommend an approach for scaling the application.
What should you recommend?

- A. Set up vertical partitioning.
- B. Set up horizontal partitioning.
- C. Increase the number of role instances.
- D. Change the role instance size to Large.

Answer: C

QUESTION 158

You are designing a Windows Azure web application.
The application will be accessible at a standard cloudapp.net URL.
You need to recommend a DNS resource record type that will allow you to configure access to the application through a custom domain name.
Which type should you recommend?

- A. A
- B. CNAME
- C. MX
- D. SRV

Answer: B

QUESTION 159

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1.

You need to configure the integration of Tenant1 and Google Apps.

You perform the required configuration on the google apps tenant.

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

- A. Configure directory integration.
- B. Enable application integration
- C. Add a custom domain.
- D. Configure Single-Sign On (SSO)
- E. Add a multi-factor authentication provider.

Answer: ABD

Explanation:

<https://msdn.microsoft.com/en-us/library/azure/dn308591.aspx>

QUESTION 160

You have an Azure subscription that contains a storage account named STOR1 and a container name CONTAINER1.

You need to monitor read access for the blobs inside CONTAINER1.

The monitoring data must be retained for 10 days.

What should you do?

- A. Run the Set-AzureStorageServiceMetricsProperty cmdlet.
- B. Run the New-AzureStorageBlobSASToken cmdlet.
- C. Run the Set-AzureStorageServiceLoggingProperty cmdlet.
- D. Edit the blob properties of CONTAINER1.

Answer: C

Explanation:

<https://msdn.microsoft.com/library/mt603595.aspx?f=255&MSPPError=-2147217396>

QUESTION 161

You deploy an Azure web app named contosoApp. ContosoApp is available by using HTTP or HTTPS. You need to ensure that a web administrator receives an email notification if the average response time for contosoAPP exceeds 50 milliseconds.

Which two tasks should you perform? Each correct answer presents part of the solution.

- A. Create an HTTPS monitoring endpoint.
- B. Create a metric
- C. Create a rule.
- D. Create an HTTP monitoring endpoint.
- E. Modify the properties of the connection strings.
- F. Enable Application logging.

Answer: BC

Explanations:

<https://azure.microsoft.com/en-us/documentation/articles/web-sites-monitor/#webendpointstatus>

QUESTION 162

You have an Azure subscription that has a virtual machine named VM1.

VM1 runs a line-of-business application named APP1.

You create two additional virtual machines named VM2 and VM3 to host APP1.

You need to ensure that there is always at least one virtual machine online to host App1.

Which command should you run? To answer, select the appropriate options in the answer area.

- A. Export-AzureVM
- B. Get-AzureaffinityGroup
- C. Get-AzureEndPoint
- D. Get-AzureVM

Answer: D

Explanation

<https://msdn.microsoft.com/fr-fr/library/azure/dn495236.aspx>

QUESTION 163

You manage an Azure web app in standard service tier at the following address:

contoso.azurewebsites.net.

Your company has a new domain for the site named www.contoso.com that must be accessible by secure socket layer(SSL) encryption.

You need to add a custom domain to the Azure web app and assign an SSL certificate.

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

- A. Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.
- B. Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.
- C. Create a new file that will redirect the site to the new URL and upload it to the Azure Web site.
- D. Add SSL binding for the www.contoso.com domain with the server Name indication (SNL)SSL option selected.
- E. Add www.contoso.com to the list of domain names as a custom domain.

Answer: BDE

Explanation:

For B

<https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain>

“Map a subdomain (for example, http://www.contoso.com) by using a CNAME record”

For E

You need to add it to the custom domain whether you are buying a new one or using an existing domain this is the documentaiton for using an existing one (for example GoDaddy)

<https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain>

For D

It took me a while to think about it but mcjames has a valid point to choose D over A

QUESTION 164

Note: This question is part of a series of questions that present the same scenario.

Each questions in the series contains a unique solution that might meet the stated goals.

Some questions 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 create an Ubuntu Linux virtual machine (VM) by using the Azure Portal.

You do not specify a password when you create the VM.

You need to connect to the terminal of the VM.

Solution: You connect to the public IP address of the VM by using Secure Shell (SSH) and specify your public key.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

Explanation:

You need to connect to the private IP, not the public IP.

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/ssh-from-windows>

The public key is placed on your Linux VM, or any other service that you wish to use with public-key cryptography.

The private key is what you present to your Linux VM when you log in, to verify your identity.

Protect this private key. Do not share it.

QUESTION 165

Note: This question is part of a series of questions that present the same scenario.

Each questions in the series contains a unique solution that might meet the stated goals.

Some questions 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 create an Ubuntu Linux virtual machine (VM) by using the Azure Portal.

You do not specify a password when you create the VM.

You need to connect to the terminal of the VM.

Solution: You connect to the public IP address of the VM by using Secure Shell (SSH) and specify your private key.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

You need to connect to the private IP, not the public IP.

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/ssh-from-windows>

The public key is placed on your Linux VM, or any other service that you wish to use with public-key cryptography.

The private key is what you present to your Linux VM when you log in, to verify your identity.

Protect this private key. Do not share it.

QUESTION 166

Note: This question is part of a series of questions that present the same scenario.

Each questions in the series contains a unique solution that might meet the stated goals.

Some questions 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 create an Ubuntu Linux virtual machine (VM) by using the Azure Portal.

You do not specify a password when you create the VM.

You need to connect to the terminal of the VM.

Solution: You use the Connect button on the Overview blade for the VM.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/virtual-machines/virtual-machines-linux-quick-create-portal?toc=%2fazure%2fvirtual-machines%2flinux%2ftoc.json>

QUESTION 167

Hotspot Question

You are developing an Azure App Service.

You must implement an external authentication method for the App Service.

You need to ensure that users can log on to the App Service by using a Microsoft account.

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

Answer Area

Location	Action
Developer Center	<ul style="list-style-type: none">Generate a passwordEnable App Service AuthenticationConfigure a custom domainEnable Python for the App Service
Azure	<ul style="list-style-type: none">Generate a passwordEnable App Service AuthenticationConfigure a custom domainEnable Python for the App Service

Answer:

Answer Area

Location	Action
Developer Center	<div style="border: 1px solid black; padding: 5px;"> ▼ Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service </div>
Azure	<div style="border: 1px solid black; padding: 5px;"> ▼ Generate a password Enable App Service Authentication Configure a custom domain Enable Python for the App Service </div>

QUESTION 168

Hotspot Question

You are the Azure administrator for Contoso Ltd.

You plan to use SharePoint Online to facilitate collaboration with a partner company named Fabrikam, Inc.

You have the following collaboration requirements:

- Sharing of resources must be enabled by using invitations generated by individual users.
- Site owners must not be able to override corporate policies.
- Users must not be able to send invitations to users outside of the Fabrikam, Inc. domain. Contoso Ltd. must not be required to manage user accounts for Fabrikam, Inc.

You need to configure SharePoint Online.

Which configuration setting should you use? To answer, select the appropriate options in the answer area.

Answer Area

Setting	Option
Security level	<div style="border: 1px solid black; padding: 5px;"> ▼ tenant site collection site </div>
Sharing	<div style="border: 1px solid black; padding: 5px;"> ▼ Do not allow sharing outside your organization Allow users to invite and share with authenticated external users Allow sharing to authenticated external users and using anonymous access links </div>
Domain sharing	<div style="border: 1px solid black; padding: 5px;"> ▼ Do not allow sharing with users from these blocked domains Allow sharing only with users from these domains </div>

Answer:

Answer Area

Setting	Option
Security level	<div style="background-color: #e0f2e0; padding: 2px;"> tenant </div> <div style="border-bottom: 1px solid black; padding: 2px;"> site collection </div> <div style="padding: 2px;"> site </div>
Sharing	<div style="background-color: #e0f2e0; padding: 2px;"> Do not allow sharing outside your organization </div> <div style="background-color: #e0f2e0; padding: 2px;"> Allow users to invite and share with authenticated external users </div> <div style="border-bottom: 1px solid black; padding: 2px;"> Allow sharing to authenticated external users and using anonymous access links </div>
Domain sharing	<div style="background-color: #e0f2e0; padding: 2px;"> Do not allow sharing with users from these blocked domains </div> <div style="background-color: #e0f2e0; padding: 2px;"> Allow sharing only with users from these domains </div>

Explanation:

https://support.office.com/en-us/article/Manage-external-sharing-for-your-SharePoint-Online-environment-c8a462eb-0723-4b0b-8d0a-70feafe4be85#_turn_external_sharing
<https://support.office.com/en-us/article/Restricted-Domains-Sharing-in-Office-365-SharePoint-Online-and-OneDrive-for-Business-5d7589cd-0997-4a00-a2ba-2320ec49c4e9>

QUESTION 169

Drag and Drop Question

You are the administrator for your company's virtual environment.

The company is planning to deploy an e-commerce application that will experience random performance fluctuations. The application must be able to scale to meet temporary needs and be idle when the needs disappear.

You need to create automatic virtual machine (VM) scale sets to support the application.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Create a network interface.
- Create a virtual network.
- Create storage accounts.
- Create a public IP address.
- Configure the scale set.

Answer Area



Answer:

Actions

Answer Area


Create storage accounts.

Create a virtual network.

Create a public IP address.

Create a network interface.

Configure the scale set.

Explanation:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-windows-autoscale>

QUESTION 170

Drag and Drop Question

You are administrator for your company's Azure subscription.

Company policy dictates that you must deploy new Azure Resource Manager (ARM) templates using Azure PowerShell.

You need to deploy the ARM templates.

How should you complete the Azure PowerShell command? To answer, drag the appropriate Azure PowerShell cmdlets to the correct locations. Each Azure PowerShell cmdlet 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.

Azure PowerShell cmdlets

- New-AzureRmResourceGroup
- New-AzureRmResourceGroupDeployment
- New-AzureRmRoleAssignment
- Register-AzureRmProviderFeature

Answer Area

Step	Azure PowerShell cmdlet
1	Azure PowerShell cmdlet
2	Azure PowerShell cmdlet

Answer:

Azure PowerShell cmdlets

New-AzureRmRoleAssignment
Register-AzureRmProviderFeature

Answer Area

Step	Azure PowerShell cmdlet
1	New-AzureRmResourceGroup
2	New-AzureRmResourceGroupDeployment

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-template-deploy>

QUESTION 171

Drag and Drop Question

You are an administrator for an Azure subscription that is used by your company.

You have an Azure Web App that contains static content accessed by users.

You plan to deliver content based on geographic location. The solution must allow clients to connect to a URL that ends in your corporate domain name of adatum.com.

You must use the information provided by the portal for your on-premises modifications.

You need to implement the components in Azure to support the above requirements.

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

- Create an Azure ExpressRoute circuit.
- Create a Content Delivery Network (CDN) role.
- Create a Content Delivery Network (CDN) profile.
- Create a Content Delivery Network (CDN) endpoint.
- Create a Traffic Manager profile.
- Create a custom domain and a CNAME record in your DNS.

Answer Area

Answer:

Actions

Create an Azure ExpressRoute circuit.

Create a Content Delivery Network (CDN) role.

Create a Traffic Manager profile.

Answer Area

Create a Content Delivery Network (CDN) profile.



Create a Content Delivery Network (CDN) endpoint.



Create a custom domain and a CNAME record in your DNS.

Explanation:

Create a CDN profile

Create a CDN endpoint

Create a custom domain and a CNAME record in your DNS.

<https://docs.microsoft.com/en-us/azure/cdn/cdn-create-new-endpoint>

<https://docs.microsoft.com/en-us/azure/cdn/cdn-map-content-to-custom-domain>

QUESTION 172

Hotspot Question

You federate your on-premises Active Directory with Azure Active Directory (Azure AD) by using Active Directory Federations Services (AD FS) 2.0.

You plan to secure cloud and on-premises resources by using an Azure Multi-Factor Authentication (MFA) server.

You install the MFA server on the AD FS proxy server.

You configure the MFA server and successfully import all AD users into the MFA user database.

Development teams in your organization must be able to secure their non-browser based apps.

You need to document the authentication mechanisms. For each requirement, which authentication mechanism is used. To answer, select the appropriate authentication mechanism from each list in the answer area.

Answer Area

Requirement	Authentication factor	Authentication mechanism
Secure Azure AD resources by using Azure MFA.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
Secure Azure AD resources by using AD FS.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.

Answer:

Answer Area

Requirement	Authentication factor	Authentication mechanism
Secure Azure AD resources by using Azure MFA.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
Secure Azure AD resources by using AD FS.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.

QUESTION 173

You administer an Azure Active Directory (Azure AD) tenant that hosts a Software as a Service (SaaS) application named MyApp.

You control access to MyApp by using the following two Azure AD groups:

- a group named SaaSApp that contains 200 users
- a group named AdminSaaS that contains 20 users

You need to revoke all access to MyApp for the SaaSApp by using the least administrative effort. What should you do?

- A. Delete the tenant.
- B. Revoke access to MyApp.
- C. Delete the SaaSApp group from Azure AD.
- D. Revoke application access from users belonging to the SaaSApp group.

Answer: D

Explanation:

<https://blogs.technet.microsoft.com/enterprisemobility/2014/05/21/identity-and-access-management-for-the-cloud/>

QUESTION 174

You have an application that needs to use single sign-on (SSO) between the company's Azure Active Directory (Azure AD) and the on-premises Windows Server 2012 R2 Active Directory.

You configure the application to use Integrated Windows Authentication (IWA).

You install an Application Proxy connector in the same domain as the server that is publishing the application.

You need to configure the published application in Azure AD to enable SSO.

What should you do?

- A. Set the external authentication method to IWA.
- B. Set the preauthenticated method to Pass through.
- C. Set the internal authentication method to IWA.
- D. Enable an access rule to require Multi-Factor Authentication.

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/active-directory-application-proxy-sso-using-kcd>

QUESTION 175

You plan to implement Azure AD connect.

You have an Active Directory Domain Services domain named Contoso.

You need to determine if the organization's Active Directory is compatible with Azure AD Connect.

Which command should you run?

- A. dsquery * cn=schema,cn=configuration,dc=contoso,dc=local -scope base -attr objectVersion
- B. nslookup finger contoso/objectVersion > > scope
- C. ldifde -scope contoso -o domain -l objectVersion -p schema
- D. csvde -i -s -j domain/schema -r objectVersion -b contoso -o local

Answer: A

Explanation:

<http://rickardnobel.se/verify-schema-versions-on-all-domain-controllers/>

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

QUESTION 176

You manage Azure Web Apps for a company.

You migrate an on-premises web app to Azure.

You plan to update the Azure Web App by modifying the connection string and updating the files that have changed since previous revision.

The deployment process must use Secure Socket Layer (SSL) and occur during off-peak hours as an automated batch process.

You need to update the Azure Web App.

What should you do?

- A. Close the Internet Information Services (IIS) virtual machine (VM) to Azure.
- B. Deploy the web app from GitHub.
- C. Use MSDeploy.exe.
- D. Deploy the web app from the Internet Information Services (IIS) Management console.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/app-service-web/app-service-deploy-local-git>

QUESTION 177

You develop a set of PowerShell scripts that will run when you deploy new virtual machines (Vms).

You need to ensure that the scripts are run automatically when the VM is started.

What should you do?

- A. Load the scripts to a common file share accessible by the VMs.
- B. Create a SetupComplete.cmd batch file to call the scripts after the VM starts.
- C. Set the VNs to execute a custom extension.
- D. Create a new virtual hard disk (VHD) that contains the scripts.

Answer: C

Explanation:

[https://technet.microsoft.com/en-us/library/cc766314\(v=ws.10\).aspx](https://technet.microsoft.com/en-us/library/cc766314(v=ws.10).aspx)

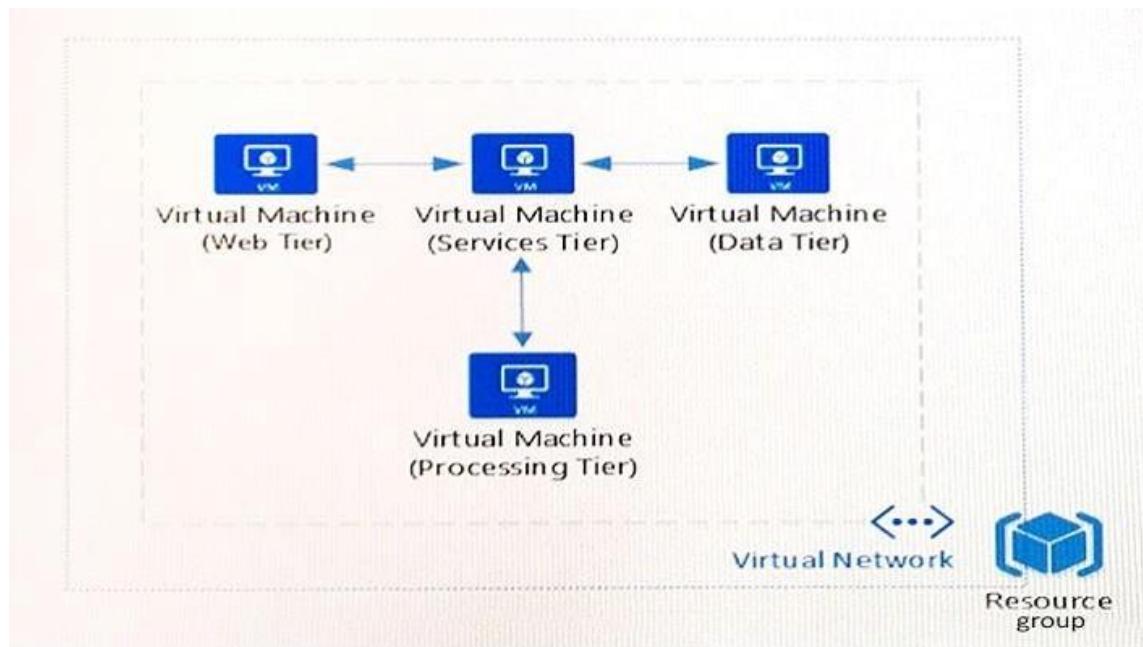
QUESTION 178

Hotspot Question

You deploy a Web App to Azure.

The Web App uses several Basic tier, single instance virtual machines (Vms).

The App includes a web tier, services tier, data tier, and a compute-intensive processing tier, as shown in the following diagram:



You have the following requirements:

- The application must be available during all Azure platform events, including planned (VM restarts required) and unplanned (hardware failure) events.
- You must simplify VM deployments by using JSON templates and the Azure Resource Manager (ARM).
- The processing tier must support high volume CPU loads at peak times throughout the year.
- The web tier must support high volumes of incoming Internet traffic during peak times throughout the year.
- The company has authorized downtime for the infrastructure upgrades. Future updates must not include downtime.
- The infrastructure upgrades must provide the most economical solution while meeting all requirements.
- Users report application outages during planned Azure maintenance windows.

You plan to upgrade the application to support upcoming company initiatives as well as address the user reports.

You need to upgrade the application and infrastructure.

For each tier, which action should you perform? To answer, select the appropriate action from each list in the answer area.

Answer Area

Tier	Action
Web	Use 2 Standard tier VMs in a new availability set, load balanced with Azure Load Balancer. Use 2 Standard tier VMs in a new resource group. Use 2 Basic tier VMs in a new affinity group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager.
Services	Use 2 Basic tier VMs in a new resource group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the web tier availability set.
Data	Use a single VM in a new resource group. Use a single VM in a new availability set. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the services tier availability set.
Processing	Use 3 Standard tier VMs in a new affinity group. Use 3 Standard tier VMs contained within the data tier availability set. Use 2 Dv2-series VMs in a new scale set. Use 2 Dv2-series VMs in a new resource group.

Answer:

Answer Area

Tier	Action
Web	Use 2 Standard tier VMs in a new availability set, load balanced with Azure Load Balancer. Use 2 Standard tier VMs in a new resource group. Use 2 Basic tier VMs in a new affinity group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager.
Services	Use 2 Basic tier VMs in a new resource group. Use 2 Basic tier VMs, load balanced with Azure Traffic Manager. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the web tier availability set.
Data	Use a single VM in a new resource group. Use a single VM in a new availability set. Use 2 Standard tier VMs in a new availability set. Use 2 Standard tier VMs contained within the services tier availability set.
Processing	Use 3 Standard tier VMs in a new affinity group. Use 3 Standard tier VMs contained within the data tier availability set. Use 2 Dv2-series VMs in a new scale set. Use 2 Dv2-series VMs in a new resource group.

Explanation:

Explanation/Reference:

Web tier: Use 2 Standard tier VMs in a new availability set, load balanced with Azure Load Balancer. The web tier must support high volumes of incoming Internet traffic during peak times throughout the year.

Services: Use 2 Standard Tier VM in a new availability set.

Data: Use 2 Standard tier VMs contained within the services tier availability set.

Processing: Use 2 Dv2-series Vms in a new scale set.

The processing tier must support high volume CPU loads at peak times throughout the year. Dv2-series, a follow-on to the original D-series, features a more powerful CPU. The Dv2-series CPU is about 35% faster than the D-series CPU.

Automatic scaling of virtual machines in a scale set is the creation or deletion of machines in the set as needed to match performance requirements. As the volume of work grows, an application may require additional resources to enable it to effectively perform tasks.

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

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview>

QUESTION 179

Drag and Drop Question

You have a runbook in Azure that evaluates the virtual machines (VMs) in a tenant and deallocates the VMs if they are no longer needed.

You use the PowerState to determine if a VM is running.

You need to deallocate only those VMs that are running at the time your runbook runs.

How should you complete the relevant Azure PowerShell script? To answer, drag the appropriate Azure PowerShell cmdlets to the correct locations. Each Azure PowerShell cmdlet 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.

Azure PowerShell cmdlets	Answer Area
Get-AzureRmVm	InlineScript { \$vmList = Azure PowerShell cmdlet -ResourceGroupName \$Using:vnetResourceGroup
Stop-AzureRmVM	foreach(\$vm in \$vmList) { \$vmStatus = Azure PowerShell cmdlet -ResourceGroupName \$vm.ResourceGroupName-Name \$vm.Name -Status if(\$vmStatus.Statuses where Code -match "PowerState/running") { \$vm Azure PowerShell cmdlet -Force } }
Get-AzureRmVMImage	
Get-AzureAutomationRunbook	
Remove-AzureRmVM	
Set-AzureRmVM	

Answer:

Azure PowerShell cmdlets	Answer Area
Get-AzureRmVm	InlineScript { \$vmList = Get-AzureRmVm -ResourceGroupName \$Using:vnetResourceGroup
Stop-AzureRmVM	foreach(\$vm in \$vmList) { \$vmStatus = Get-AzureRmVm -ResourceGroupName \$vm.ResourceGroupName-Name \$vm.Name -Status if(\$vmStatus.Statuses where Code -match "PowerState/running") { \$vm Stop-AzureRmVm -Force } }
Get-AzureRmVMImage	
Get-AzureAutomationRunbook	
Remove-AzureRmVM	
Set-AzureRmVM	

QUESTION 180

You have an Azure subscription.

In Azure, you create two virtual machines named VM1 and VM2.

Both virtual machines are instances in a cloud service named Cloud1.

You need to ensure that any virtual hard disks that the VMs use are not replicated between datacenters.

Which settings should you modify?

- A. Azure subscription
- B. virtual machine
- C. cloud services
- D. storage account

Answer: D

Explanation:

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

QUESTION 181

You deploy several virtual machines (VMs) to Azure by using the Azure Service Manager (classic).

You must deploy new VMs by using the Azure Resource Manager (ARM).

You need to ensure the new VMs can communicate with the existing VMs.

What should you do?

- A. Create a new resource group and include all VMs.
- B. Create a site-to-site (S2S) VPN connection between the classic VNet and the ARM VNet.
- C. Migrate the classic VMs to the ARM VNet.
- D. Create a new availability set and include all VMs.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-connect-different-deployment-models-portal>

QUESTION 182

Drag and Drop Question

You plan to deploy an application by using three Azure virtual machines (VMs).

The application has a web-based component that uses TCP port 443 and a custom component that uses UDP port 2020.

The application must be available during planned and unplanned Azure maintenance events.

Incoming client requests must be distributed across the three VMs.

Clients must be connected to a VM only if both application components are running.

You need to configure the VM environment.

For each requirement, what should you implement? To answer, drag the appropriate configuration type to the correct target. Each configuration type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Configuration types

availability set

health probe

 network address
translation (NAT) rule

backend pool

Answer Area
Requirement

Ensure that the VMs are available during planned and unplanned maintenance.

Ensure that requests are distributed between VMs.

Ensure that components are running before clients connect.

Configuration type

Configuration type

Configuration type

Configuration type

Answer:
Configuration types

 network address
translation (NAT) rule

Answer Area
Requirement

Ensure that the VMs are available during planned and unplanned maintenance.

Ensure that requests are distributed between VMs.

Ensure that components are running before clients connect.

Configuration type

availability set

backend pool

health probe

Explanation:
<https://docs.microsoft.com/en-us/azure/guidance/guidance-compute-multi-vm>
QUESTION 183

Drag and Drop Question

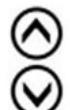
You are managing an Azure SQL Database.

You need to export the database to a BACPAC file and verify that the export completes successfully.

Which four Azure PowerShell cmdlets or scripts should you run in sequence? To answer, move the appropriate cmdlets or scripts from the list of cmdlets to the answer area and arrange them in the correct order.

Azure PowerShell cmdlets

Set-AzureSqlDatabaseServer
 Set-AzureSqlDatabase
 Get-Credential
 Start-AzureSqlDatabaseExport
 Get-AzureSqlDatabaseImportExportStatus
 Get-AzureSqlDatabase
 New-AzureSqlDatabaseServerContext
 New-AzureStorageContext

Answer Area

Answer:
Azure PowerShell cmdlets

Set-AzureSqlDatabaseServer
 Set-AzureSqlDatabase
 Get-Credential
 Start-AzureSqlDatabaseExport
 Get-AzureSqlDatabaseImportExportStatus
 Get-AzureSqlDatabase
 New-AzureSqlDatabaseServerContext
 New-AzureStorageContext

Answer Area

Get-Credential
 New-AzureSqlDatabaseServerContext
 New-AzureStorageContext
 Start-AzureSqlDatabaseExport
 Get-AzureSqlDatabaseImportExportStatus

Explanation:

<https://github.com/cynthn/azure-content/blob/master/articles/sql-database/sql-database-export-powershell.md>

QUESTION 184

You have an Azure subscription that contains a backup vault named BV1.
 BV1 contains five protected servers. Backups run daily.
 You need to modify the storage replication settings for the backups.
 What should you do first?

- Create a new backup vault.
- Modify the policies associated to BV1.
- Uninstall the backup agent from the five servers.

D. Run the Remove-OBFileSpec cmdlet.

Answer: A

Explanation:

The best time to identify your storage redundancy option is right after vault creation and before any machines are registered to the vault. After an item has been registered to the vault the storage redundancy option is locked and cannot be modified.

<https://thetechl33t.com/2017/05/06/changing-azure-recovery-services-vault-to-lrs-storage/>

QUESTION 185

You administer an Azure SQL Database that runs in the S0 service tier.

The database stored mission- critical data.

You must meet the following requirements:

- minimize costs associated with hosting the database in Azure
- minimize downtime in the event of an outage
- protect the database from unplanned events

What should you do?

- A. Implement a secondary database in the paired region.
- B. Ensure that a secondary databases are online and readable at all times.
- C. Create a continuously replicated copy.
- D. Use backups in a geo-redundant Azure storage (GRS) location.

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/storage/storage-redundancy#geo-redundant-storage>

QUESTION 186

Drag and Drop Question

You have an Azure Virtual Network named fabVNet with three subnets named Subnet-1, Subnet-2 and Subnet-3.

You have a virtual machine (VM) named fabVM running in the fabProd service.

You need to modify fabVM to be deployed into Subnet-3.

You want to achieve this goal by using the least amount of time and while causing the least amount of disruption to the existing deployment.

What should you do? To answer, drag the appropriate Power Shell cmdlet to the correct location in the Power Shell command. Each cmdlet 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.

PowerShell cmdlets	PowerShell Command
Get-AzureRmVM	\$VM = <input type="text"/> PowerShell cmdlet "fabProd" "fabVM"
Get-AzureRmVMIImage	<input type="text"/> PowerShell cmdlet "Subnet-3" -VM \$VM
Set-AzureSubnet	<input type="text"/> PowerShell cmdlet "fabProd" "fabVM" -VM \$VM
Update-AzureRmVm	
New-AzureVRmM	
Set-AzureVNetConfig	
Update-AzureVRmImage	

Answer:

PowerShell cmdlets	PowerShell Command
<input type="text"/>	\$VM = <input type="text"/> Get-AzureRmVM "fabProd" "fabVM"
Get-AzureRmVMIImage	<input type="text"/> Set-AzureSubnet "Subnet-3" -VM \$VM
<input type="text"/>	<input type="text"/> Update-AzureRmVm "fabProd" "fabVM" -VM \$VM
<input type="text"/>	
New-AzureVRmM	
Set-AzureVNetConfig	
Update-AzureVRmImage	

QUESTION 187

Drag and Drop Question

You have an Azure Subscription.

You have an on-premises site that contains a server named Server1.

Server1 runs Windows Server 2012 R2 and has computer digital certificate named Cert1.

You need to ensure that you can back up Server1 to Azure. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Upload Cert1 as a management certificate.
- Download, install, and configure the Azure Backup Agent.
- Create a storage account.
- Create a backup vault.
- Download the vault credentials.
- Obtain the primary access key for the storage account.

Answer Area

Answer:
Actions

- Upload Cert1 as a management certificate.
-
- Create a storage account.
-
-
- Obtain the primary access key for the storage account.

Answer Area

Create a backup vault.



Download the vault credentials.

Download, install, and configure the Azure Backup Agent.

Explanation:

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

QUESTION 188
Hotspot Question

You plan to deploy Ubuntu Linux virtual machines (VMs) in Azure.

You need to ensure that you are not prompted for a password when you create or connect to the Vms.

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

NOTE: Each correct selection is worth one point.

Answer Area

Setting	Value
Authentication type	<input type="button" value="▼"/>
	pre-defined password
	1024-bit RSA key
	2048-bit RSA key
Configuration file to modify	<input type="button" value="▼"/>
	.ssh/config
	/etc/fstab
	/etc/passwd

Answer:

Answer Area

Setting	Value
Authentication type	<input type="button" value="▼"/>
	pre-defined password
	1024-bit RSA key
	2048-bit RSA key
Configuration file to modify	<input type="button" value="▼"/>
	.ssh/config
	/etc/fstab
	/etc/passwd

Explanation:

<http://askubuntu.com/questions/46930/how-can-i-set-up-password-less-ssh-login>

QUESTION 189

Hotspot Question

You are the administrator for your company's Azure environment.

A developer creates an application that needs to access resources in external systems.

The application will be deployed in the domain.

You need to use the Azure Command-Line Interface (CLI) to create a service principal.

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

NOTE: Each correct selection is worth one point.

Answer Area

Command segment	Value
Service Principal	<input type="text"/>
	unvalidated URI
	network path
	file path
Service Principal permissions	<input type="text"/>
	Reader
	Contributor
	Owner
	User Access Administrator
	Website Contributor

Answer:

Answer Area

Command segment	Value
Service Principal	<input type="text"/>
	unvalidated URI
	network path
	file path
Service Principal permissions	<input type="text"/>
	Reader
	Contributor
	Owner
	User Access Administrator
	Website Contributor

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-create-service-principal-portal>

Literally goes over this topic and I second the opinion of Mickey and Neverlie100.

Go through the guide, it is for sure an URI and Reader because of the line: "creates an application that needs to access resources in external systems" or read access to check the external resources (least privilege)

QUESTION 190

Hotspot Question

You have two on-premises networks.

You need to connect the two networks to Azure.

The networks must be secure.

You need to configure the environment.

Which actions should you perform? For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

Statements	Yes	No
You must create a multi-site VPN.	<input type="radio"/>	<input type="radio"/>
You must implement an access list.	<input type="radio"/>	<input type="radio"/>
You must enable automatic discovery of remote networks.	<input type="radio"/>	<input type="radio"/>

Answer:
Answer Area

Statements	Yes	No
You must create a multi-site VPN.	<input checked="" type="radio"/>	<input type="radio"/>
You must implement an access list.	<input type="radio"/>	<input checked="" type="radio"/>
You must enable automatic discovery of remote networks.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

[https://blogs.technet.microsoft.com/canitpro/2016/02/02/step-by-step-multi-site-azure-vpn-in-the-resource- manager-model/](https://blogs.technet.microsoft.com/canitpro/2016/02/02/step-by-step-multi-site-azure-vpn-in-the-resource-manager-model/)

<https://technet.microsoft.com/en-us/library/dn786406.aspx>

QUESTION 191

You manage an application that has a front-end tier, a middle tier, and a back-end tier. Each tier is located on a different subnet.

You need to apply access to and between the tiers as follows:

- Only the front-end tier must be able to access the Internet.
- You must permit network access between the front-end tier and the middle tier.
- You must permit network access between the middle tier and the back-end tier.
- You must prevent all other network traffic.

You need to apply this configuration to all virtual machines inside the subnets.
What should you do?

- A. Use a Network Security Group (NSG).
- B. Add a VPN gateway.
- C. Add a regional VNET.
- D. Add an Availability Set.

Answer: A

QUESTION 192

You are an administrator of an Azure subscription for your company.
Management asks you to configure Azure permissions for a user in your Azure Active Directory (Azure AD). The user must be able to perform all actions on the virtual machines (VMs).
The user must not be allowed to create and manage availability sets for the VMs.
You need to implement the required permissions with the least administrative effort.
How should you assign permissions?

- A. Use Windows PowerShell to assign the Classic Virtual Machine Contributor role to the user.
- B. Use Windows PowerShell to create a custom role from the Virtual Machine Contributor role and then use NotActions to customize the role permissions.
- C. Implement a custom role through the Azure Portal and customize the role by adding the appropriate permissions.
- D. Assign the Virtual Machine Contributor role to the user.

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/role-based-access-built-in-roles#classic-virtual-machine-contributor>

QUESTION 193

You are the administrator for your company's virtual environment.
The company plans to deploy an e-commerce application that will experience random performance fluctuations.
The application must be able to scale to meet temporary needs and be idle when the needs disappear.
You create an automatic virtual machine (VM) scale set to support the application.
You need to set up automatic scaling for the scale set.
Which three tools can you use? Each correct answer presents a complete solution.

- A. Resource Manager templates
- B. Azure PowerShell
- C. Azure Command-Line Interface (CLI)
- D. Azure Traffic Manager
- E. Azure Resource Explorer

Answer: ABC

Explanation:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview#set-up-scaling-by-using-resource-manager-templates>

QUESTION 194

You manage the on-premises and cloud network for a company. The network includes an Azure classic virtual network (VNet) on an East US server with two subnets that must remain online until the end of the year.

You update all other VNets to Azure Resource Manager (ARM) Vnets.

You need to set up communication between specific ARM VNets and the classic Vnet.

What should you do?

- A. Create a Local VPN gateway for the classic VNet. Create VPN gateways for any ARM VNets to communicate with the local gateway.
- B. Create Local VPN gateways for the ARM VNets. Create a VPN gateway for the classic VNet to communicate with the local gateways.
- C. Move the ARM VNets to the US East region. Update the classic VNet to use a single subnet. Add the classic VNet as a subnet to any ARM VNet that requires communication.
- D. Move the ARM VNets to a non US East region. Update the classic VNet to use a single subnet. Add the classic VNet as a subnet to any ARM VNet that requires communication.
- E. Set the resource group of the classic VNet to use the same resource group that you use to create any ARM VNet that requires communication.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-connect-different-deployment-models-portal>

QUESTION 195

You are the administrator for your company's Azure subscription.

Company policy dictates that you must deploy new Azure Resource Manager (ARM) templates using Azure Command-Line Interface (CLI). Parameters are included in a file called `azuredeploy.parameters.json` and do not contain any password information.

All JSON files are located in the root of drive E.

You need to ensure that password parameters are passed to the command.

Which two commands are possible ways to achieve this goal? Each correct answer presents a complete solution.

- A. Add the appropriate password parameters to the `azuredeploy.parameters.json` file and then run the following CLI command:`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredeploy.json" -e "e:\azuredeploy.parameters.json"`
- B. Run the following CLI command. Do not add additional switches:`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredeploy.json" -e "e:\azuredeploy.parameters.json"`
- C. Run the following CLI command. Add a switch to include password parameters:`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredeploy.json" -p "password"`
- D. Run the following CLI command. Add switches to include all parameters:`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredeploy.json" -p "password" -e "e:\azuredeploy.parameters.json"`

Answer: AD

Explanation:

A the password params are added to the parameters file; D you can use -e and -p to pass the params in the file and add the password params to the command line.

Template parameters overview.

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-authoring-templates#parameters>

There doesn't seem to be an online resource for CLI 1.0 commands, but the options are in the source here.

https://github.com/Azure/azure-xplat-cli/blob/dev/lib/commands/arm/group/group._js#L40

-f –template-file the path to the template file in the file system

-e –parameters-file a file containing parameters

-p –parameters a JSON-formatted string containing parameters

QUESTION 196

Your company has an Azure subscription.

You plan to deploy 10 Web Apps.

You have the following requirements:

- Each Web App has at least 15 GB of storage.
- All Web App can use azurewebsites.net.

You need to deploy the 10 web apps while minimizing costs.

Which pricing tier plan should you recommend?

- A. Standard
- B. Free
- C. Basic
- D. Shared

Answer: A

Explanation:

<https://azure.microsoft.com/en-us/pricing/details/app-service/>

QUESTION 197

You deploy an Azure Web App named ContosoApp. ContosoApp runs on five instances.

You need to run an application named App1.exe automatically as a background process for ContosoApp. The solution must ensure that App1.exe runs in one instance only.

How should you deploy App1.exe?

- A. as a continuous web job
- B. in a new worker role instance
- C. as a scheduled web job
- D. as a virtual application

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/app-service-web/web-sites-create-web-jobs#CreateScheduled>

QUESTION 198

You are deploying an ASP.NET application to an Azure virtual machine (VM).

The application throws an exception when invalid data is entered.

When exceptions occur, an administrator must log on to the system to remove the bad data, and then restart the application.

You need to gather information about application crashes.

What should you do?

- A. View the IIS logs.
- B. View the Windows event system logs.
- C. View the Windows event application logs.
- D. Collect network and web metrics.

Answer: C

QUESTION 199

You are the architect for a software company that provides application servers to customers. The application servers are Azure virtual machines (VMs) running Windows Server 2012 R2 under your company's Azure subscription. The VMs are administrated by customers, and each customer customizes the system to meet its specific needs. You identify the following requirements:

- The customer must not modify the LocalSystem service account on the VMs.
- The customer must run the Azure VM Agent.
- You must set the value of the PowerShell execution policy to RemoteSigned for all customers.

When a critical security issue is discovered, the application servers must be updated with a security update as quickly as possible, without waiting for customer action. You need to design a strategy that allows for security issues to be updated as quickly as possible. What should you do?

- A. Convert the application so that it runs under a Hyper-V container, and run the security update script on the host system.
- B. Build the security update script into a new base Windows Server 2012 R2 image and deploy the image by using a Virtual Machine Scale Set.
- C. Use WinRM to run the security update script on each customer VM.
- D. Create an AzureVMCustomScriptExtension to run the security update on each VM.

Answer: D

QUESTION 200

You have an application that uses SQL Server in an Azure virtual machine (VM) to store data. If the VM running the primary instance of SQL Server fails:

- The application must automatically begin using a backup copy of the SQL Server data.
- The recovery solution must guarantee that no data is lost.

If the primary datacenter fails:

- There must be a way to manually switch to a secondary data center.
- Some data loss is acceptable.

You create an active datacenter named AD1 and a passive datacenter named PD1. AD1 has two SQL Server instances. PD1 has one SQL Server instance. You need to implement the replication and failover solutions for the application. What should you do?

- A. In AD1, configure asynchronous replication and automatic failover. In PD1, configure synchronous replication and manual failover from AD1.
- B. In AD1, configure synchronous replication and automatic failover. In PD1, configure synchronous replication and manual failover from AD1.
- C. In AD1, configure synchronous replication and manual failover. In PD1, configure asynchronous replication and manual failover from AD1.
- D. In AD1, configure asynchronous replication and manual failover. In PD1, configure asynchronous replication and manual failover from AD1.

Answer: B

QUESTION 201

You manage Azure Web Apps for a company.

You migrate an on-premises web app to Azure.

You plan to update the Azure Web App by modifying the connection string and updating the files that have changed since previous revision.

The deployment process must use Secure Socket Layer (SSL) and occur during off-peak hours as an automated batch process.

You need to update the Azure Web App.

What should you do?

- A. Configure a File Transfer Protocol (FTP) transfer script.
- B. Deploy the project from Microsoft Visual Studio.
- C. Run theNew-AzureRMWebAppAzure PowerShell cmdlet.
- D. Run theNew-AzureRmResourceGroupDeploymentAzure PowerShell cmdlet.

Answer: D

QUESTION 202

You manage an on-premises monitoring platform.

You plan to deploy virtual machines (VMs) in Azure.

You must use existing on-premises monitoring solutions for Azure VMs.

You must maximize security for any communication between Azure and the on-premises environment.

You need to ensure that Azure alerts are sent to the on-premises solution.

What should you do?

- A. Enable App Service Authentication for the VMs.
- B. Configure a basic authorization webhook.
- C. Deploy an HDInsight cluster.
- D. Configure a token-based authorization webhook.

Answer: D

QUESTION 203

You administer an Azure subscription for your company.

You have an application that updates text files frequently.

The text files will not exceed 20 gigabytes (GB) in size. Each write operation must not exceed 4 megabytes (MB).

You need to allocate storage in Azure for the application.

Which three storage types will achieve the goal? Each correct answer presents a complete

solution.

- A. page blob
- B. queue
- C. append blob
- D. block blob
- E. file share

Answer: ACD

QUESTION 204

You have an existing classic virtual network.

You need to export the virtual network settings to an XML file to make modifications.

Which Azure PowerShell cmdlet should you use?

- A. Get-AzureVNetSite
- B. Get-AzureVNetConnection
- C. Get-AzureVNetGateway
- D. Get-AzureVNetConfig

Answer: D

QUESTION 205

You manage the on-premises and cloud for a company. Employees use Microsoft Office 365 to collaborate and manage product development.

They authenticate to Azure Active Directory (Azure AD) to access all on-premises and cloud-based resources.

You must grant employees access to several custom-built applications.

You need to ensure that you can automatically add or remove employee access to Office 365 based on employee group memberships or attributes.

What should you use?

- A. Active Directory Configuration
- B. Advanced Rules for an Active Directory Group.
- C. Application Access to Active Directory
- D. The Users group in Active Directory

Answer: B

QUESTION 206

You have an Azure subscription.

You create an Azure Active Directory (Azure AD) tenant named Tenant1.

You plan to integrate Tenant1 and the on-premises Active Directory.

You need to create a user account that can be used to synchronize changes from the on-premises Active Directory.

The solution must use the principle of least privilege.

Which organizational role should you assign to the user account?

- A. Service administrator
- B. Global administrator

- C. Password administrator
- D. User administrator

Answer: B

QUESTION 207

Hotspot Question

You plan to deploy an Azure SQL Database instance.

After deployment, the solution must meet the following requirements:

- You must be able to restore the database to any point in time for the last 30 days.
- In the event of a restore, data must be recovered by using the fastest available method.
- SQL backups must be stored in up four secondary regions.
- You must minimize costs when configuring the databases.

You need to configure the secondary databases.

Which storage tier and method should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Option	Value
Storage tier	<div style="border: 1px solid #ccc; padding: 5px; width: 150px; height: 150px; position: relative;"><div style="position: absolute; top: 0; right: 0;">▼</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;"></div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Basic</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Standard</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Premium</div></div>
Storage method	<div style="border: 1px solid #ccc; padding: 5px; width: 150px; height: 150px; position: relative;"><div style="position: absolute; top: 0; right: 0;">▼</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;"></div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Geo-Replication</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">Active Geo-Replication</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">locally redundant storage</div><div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 2px;">zone redundant storage</div></div>

Answer:

Answer Area

Option	Value
Storage tier	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <div style="background-color: #f0f0f0; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #d9e1f2; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #a9f5d0; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #f0f0f0; height: 15px;"></div> </div>
Storage method	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <div style="background-color: #f0f0f0; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #d9e1f2; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #a9f5d0; height: 15px; margin-bottom: 2px;"></div> <div style="background-color: #f0f0f0; height: 15px;"></div> </div>

Explanation:

Standard is 35 days based on latest document.

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-service-tiers>

QUESTION 208

Drag and Drop Question

Your company manages several Azure Web Apps that are running in an existing App Service plan named plan1.

You need to move one of the Web Apps named contoso, to a new App Service plan named plan2.

How should you complete the Azure PowerShell command? To answer, drag the appropriate Azure PowerShell segment to the correct location. Each PowerShell segment 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.

PowerShell cmdlets	PowerShell command
New-AzureRmResource	\$props = @(" serverfarm" = " [PowerShell segment] ");
Set- AzureRmResource	[PowerShell segment]
plan1	-location "North-Europe"
plan2	-name contoso -ResourceGroup group1 -PropertyObject \$props
Microsoft.Web/serverFarms	-ResourceType [PowerShell segment]
Microsoft.Web/sites	-apiversion 2014-04-01

Answer:

PowerShell cmdlets

New-AzureRmResource

plan1

Microsoft.Web/serverFarms

PowerShell command

```
$props = @(" serverfarm" = " plan2 ");)
```

Set-AzureRmResource

```
-location "North-Europe"  
-name contoso  
-ResourceGroup group1  
-PropertyObject $props
```

- ResourceType

Microsoft.Web/sites

```
-apiversion 2014-04-01
```

QUESTION 209

Drag and Drop Question

You manage an Azure Web App.

You need to move the Web App to a new App Service plan.

How should you complete the Azure PowerShell script? To answer, drag the appropriate Azure PowerShell cmdlets to the correct locations. Each Azure PowerShell cmdlets 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.

Azure PowerShell segments

- Get-AzureRmResource
- Move-AzureRmResource
- Set-AzureRmResource
- Find-AzureRmResource
- Invoke-AzureRmResourceAction
- New-AzureRmPolicyAssignment

• • • •

Answer area

```
$webapp = [Azure PowerShell segment] -ResourceGroupName "OldGroup"  
          -ResourceName "WebApp" -ResourceType "Microsoft.Web/sites"  
  
$plan = [Azure PowerShell segment] -ResourceGroupName "Old Group"  
          -ResourceName "Plan" -ResourceType "Microsoft.Web/serverFarms"  
          [Azure PowerShell segment] -DestinationResourceGroupName "New Group" -ResourceId  
          ($webapp.ResourceId, $plan.ResourceId) -DestinationSubscriptionId xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
```

Answer:

Azure PowerShell segments

- Get-AzureRmResource
- Move-AzureRmResource
- Set-AzureRmResource
- Find-AzureRmResource
- Invoke-AzureRmResourceAction
- New-AzureRmPolicyAssignment

• • • •

Answer area

```
$webapp = Get-AzureRmResource -ResourceGroupName OldGroup  
    -ResourceName "WebApp" -ResourceType "Microsoft.Web/sites"  
  
$plan = Get-AzureRmResource -ResourceGroupName "Old Group"  
    -ResourceName "Plan" -ResourceType "Microsoft.Web/serverFarms"  
  
Move-AzureRmResource -DestinationResourceGroupName "New Group" -ResourceId  
    ($webapp.ResourceId, $plan.ResourceId) -DestinationSubscriptionId xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
```

QUESTION 210

Hotspot Question

You manage an Azure environment that has 12 virtual machines (VMs). A set of VMs run a Web App that uses ASP.NET.

The developer of the application must have access to ASP.NET metrics and Internet Information Services (IIS) logs from the VMs.

You need to ensure that the metrics and logs are saved and provide the developer access to the data.

For each requirement, which option should you use? To answer, select the appropriate options in the answer area.

Answer Area

Requirement	Option
Enable metrics and logs to be saved.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><p>Create an alert rule.</p><p>Enable diagnostics.</p><p>Use the Resource Health monitor.</p></div>
Provide the developer access to metrics and logs.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><p>public IP address of each VM</p><p>storage account name and access key</p><p>private IP address of each VM</p><p>list of extensions that are enabled</p></div>

Answer:

Answer Area

Requirement	Option
Enable metrics and logs to be saved.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><p>Create an alert rule.</p><p>Enable diagnostics.</p><p>Use the Resource Health monitor.</p></div>
Provide the developer access to metrics and logs.	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><p>public IP address of each VM</p><p>storage account name and access key</p><p>private IP address of each VM</p><p>list of extensions that are enabled</p></div>

QUESTION 211

Drag and Drop Question

You manage an Azure Web App named contososite.

You download the subscription publishing credentials named Contoso-Enterprise.publishsettings.

You need to use Azure Power Shell to achieve the following:

- Connect to the Contoso-Enterprise subscription.
- Create a new App Setting namedIsCustomwith a value of True
- Restart the Web App.

How should you complete the relevant Azure PowerShell script? To answer, drag the appropriate Azure PowerShell cmdlet to the correct location in the solution. Each cmdlet 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.

Azure PowerShell cmdlets

- Set-AzureWebsite
- Get-AzurePublishSettingsFile
- Import-AzurePublishSettingsFile
- Start-AzureWebsite
- Restart-AzureWebsite
- Show-AzureWebsite

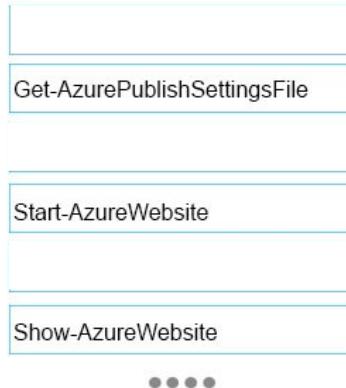
• • •

Azure PowerShell Script

Azure PowerShell cmdlet	-PublishSettingsFile "c:\Contoso\Contoso-Enterprise.publishsettings"
Select-AzureSubscription "Contoso-Enterprise" \$setting = @{"IsCustom" = "true"}	
Azure PowerShell cmdlet	contososite -AppSettings \$setting
Azure PowerShell cmdlet	contososite

Answer:

Azure PowerShell cmdlets



Azure PowerShell Script

```
Import-AzurePublishSettingsFile -PublishSettingsFile "c:\Contoso\Contoso-Enterprise.publishsettings"  
Select-AzureSubscription "Contoso-Enterprise"  
$setting = @{"IsCustom" = "true"}  
Set-AzureWebsite contososite -AppSettings $setting  
Restart-AzureWebsite contososite
```

QUESTION 212

Drag and Drop Question

You administer an Azure Web Site named WebProd that uses a production database.

You deploy changes to WebProd from a deployment slot named WebStaging.

You use a test database while making changes to the Web App.

After you deploy the Web App, you discover issues in WebProd that are affecting customer data.

You need to resolve the issues in WebProd while ensuring minimum downtime for users.

You swap WebProd to WebStaging.

Which four steps should you perform next 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

Swap WebStaging to WebProd.

Configure WebProd to use the test database.

Configure WebStaging to use the test database.

Fix the issues in WebStaging.

Configure WebStaging to use the production database.

Configure WebProd to use the production database.

Fix the issues in WebProd.

Answer Area**Answer:****Actions**

Configure WebProd to use the test database.

Configure WebProd to use the production database.

Fix the issues in WebProd.

Answer Area

Configure WebStaging to use the test database.

Fix the issues in WebStaging.

Configure WebStaging to use the production database.



Swap WebStaging to WebProd.

**QUESTION 213**

Drag and Drop Question

You plan to deploy a new public-facing website on an Azure virtual machine (VM) by using the Azure Resource Manager (ARM).

You have an existing cloud service and a storage account in the Azure subscription.

You need to create and deploy the VM.

Which five 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

Verify that Azure DHCP has assigned the VM a dynamic IP (DIP) address.

Create a virtual network for the VM and attach the VM to the existing storage account.

Create a new ARM storage account and a virtual network for the new VM.

Create a resource group.

Create a network adapter object.

Add a public instance-level IP address (PIP) to the network adapter.

Create the VM and attach a network adapter object.

Answer Area**Answer:****Actions**

Verify that Azure DHCP has assigned the VM a dynamic IP (DIP) address.

Create a virtual network for the VM and attach the VM to the existing storage account.

Answer Area

Create a resource group.

Create a new ARM storage account and a virtual network for the new VM.



Create a network adapter object.



Add a public instance-level IP address (PIP) to the network adapter.

Create the VM and attach a network adapter object.

QUESTION 214

Drag and Drop Question

You plan to create an Azure virtual machine (VM) that runs the Linux operating system.

You must use the following values:

Option	Value
Group	linuxvmgroup
Username	linuxvmuser
DNS Address	linuxvms

You need to create and connect to the VM.

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

Commands

```
ssh linuxvmyser@linuxvms.cloudapp.azure.com -  
p 21
```

```
ssh linuxvmyser@linuxvms.cloudapp.azure.com -  
p 22
```

```
azure group create linuxvmgroup westus
```

```
ssh linuxvmuser@linuxvms.com -p 21
```

```
azure vm quick-create
```

Answer Area



Answer:

Commands

```
ssh linuxvmmyser@linuxvms.cloudapp.azure.com -  
p 21
```

```
ssh linuxvmuser@linuxvms.com -p 21
```

Answer Area

```
azure group create linuxvmgroup westus
```



```
azure vm quick-create
```



```
ssh linuxvmmyser@linuxvms.cloudapp.azure.com -  
p 22
```



QUESTION 215

Hotspot Question

You have an application that uses three separate databases to store application data, logs, and application security details.

The maximum database throughput unit (DTU) per database does not exceed 50.

You plan to deploy the application to Azure.

You need to recommend a configuration for the databases that minimizes costs.

For each requirement, which configuration option should you use? To answer, select the appropriate configuration option from each list in the answer area.

Answer Area

Requirement	Configuration option
Database pool	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><div style="background-color: #f0f0f0; height: 15px; margin-bottom: 5px;"></div><div style="border: 1px solid black; padding: 2px;">▼</div><div style="border: 1px solid black; padding: 2px; height: 150px; overflow-y: scroll;"><div>Individual</div><div>Elastic</div><div>Fixed</div><div>Business</div></div></div>
Service tier	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><div style="background-color: #f0f0f0; height: 15px; margin-bottom: 5px;"></div><div style="border: 1px solid black; padding: 2px;">▼</div><div style="border: 1px solid black; padding: 2px; height: 150px; overflow-y: scroll;"><div>Basic</div><div>Standard</div><div>Premium</div><div>Elastic</div></div></div>

Answer:

Answer Area

Requirement	Configuration option
Database pool	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><div style="background-color: #f0f0f0; height: 15px; margin-bottom: 5px;"></div><div style="border: 1px solid black; padding: 2px;">▼</div><div style="border: 1px solid black; padding: 2px; height: 150px; overflow-y: scroll;"><div>Individual</div><div>Elastic</div><div>Fixed</div><div>Business</div></div></div>
Service tier	<div style="border: 1px solid black; padding: 5px; width: fit-content;"><div style="background-color: #f0f0f0; height: 15px; margin-bottom: 5px;"></div><div style="border: 1px solid black; padding: 2px;">▼</div><div style="border: 1px solid black; padding: 2px; height: 150px; overflow-y: scroll;"><div>Basic</div><div>Standard</div><div>Premium</div><div>Elastic</div></div></div>

Explanation:

<https://weblogs.asp.net/scottgu/better-density-and-lower-prices-for-azure-sql-elastic-database-pools>

<https://www.sqlhammer.com/azure-sql-database-elastic-pools/>

QUESTION 216

Drag and Drop Question

Your company has a main office and several branch offices.

You create an Azure subscription and you deploy several virtual machines.

The virtual machines are located in multiple subnets.

You need to provide remote access to the virtual machines to five users in each office by using a VPN connection.

The remote access connections will not require a VPN device nor a public-facing IP address in order to work.

Which three actions should you perform in sequence before you download the VPN client on each computer? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create a site-to-site VPN.

Generate a self-signed root certificate and upload the certificate to Azure.

Create a point-to-site VPN.

Generate a self-signed computer certificate for each client computer and install the respective certificate on each client computer.

Deploy a VPN appliance to each office and download a configuration script for each appliance.

Generate a self-signed root certificate and install the certificate on each client computer.

Answer Area**Answer:**

Actions

Create a site-to-site VPN.

Deploy a VPN appliance to each office and download a configuration script for each appliance.

Generate a self-signed root certificate and install the certificate on each client computer.

Answer Area

Generate a self-signed root certificate and upload the certificate to Azure.

Generate a self-signed computer certificate for each client computer and install the respective certificate on each client computer.

Create a point-to-site VPN.



QUESTION 217

Drag and Drop Question

Your company is implementing an Intrusion Detection System (IDS).

The IDS has the IP address 192.168.3.92.

You plan to deploy the network by using Azure Resource Manager (ARM).

You need to ensure that all subnet traffic goes through the IDS.

How should you complete the JSON configuration code? To answer, drag the appropriate JSON segments to the correct location or locations. Each JSON segment 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.

"Microsoft.Network/virtualNetworks"

"Microsoft.Network/routeTables"

"Microsoft.Network/networkSecurityGroups"

"VirtualAppliance"

"VirtualNetworkGateway"

"Internet"

• • •

Answer Area

```
{  
    "type" : [REDACTED]  
    "name" : "IDS",  
    "apiVersion" : "2015-06-15",  
    "location" : "East US",  
    "properties" : {  
        "routes" : [  
            {  
                "name" : "IDSRT",  
                "properties" : {  
                    "addressPrefix" : "192.168.0"  
                    "nextHopType" : [REDACTED]  
                    "nextHopIpAddress" : "192.168.3.92"  
                }  
            }  
        ]  
    }  
}
```

Answer:

"Microsoft.Network/virtualNetworks"

"Microsoft.Network/networkSecurityGroups"

"VirtualNetworkGateway"

"Internet"

• • •

Answer Area

```
{  
    "type" : "Microsoft.Network/routeTables"  
    "name" : "IDS",  
    "apiVersion" : "2015-06-15",  
    "location" : "East US",  
    "properties" : {  
        "routes" : [  
            {  
                "name" : "IDSRT",  
                "properties" : {  
                    "addressPrefix" : "192.168.0"  
                    "nextHopType" : "VirtualAppliance"  
                    "nextHopIpAddress" : "192.168.3.92"  
                }  
            }  
        ]  
    }  
}
```

QUESTION 218

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the template.

```

"resources": [
    {
        "name": "[concat(parameters('lockedResource'), '/Microsoft.Authorization/locks')]",
        "type": "Microsoft.Authorization/locks",
        "apiVersion": "2015-01-01",
        "properties": {
            "level": "ReadOnly"
        }
    }
]
    
```

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly.

ReadOnly means authorized users can read a resource, but they can't delete or update the resource.

Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

QUESTION 219

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the template.

```

"resources": [
    {
        "name": "[concat(parameters('lockedResource'), '/Microsoft.Storage/storageAccounts/providers/locks')]",
        "type": "Microsoft.Storage/storageAccounts/providers/locks",
        "apiVersion": "2015-01-01",
        "properties": {
            "level": "CannotDelete"
        }
    }
]
    
```

Does the solution meet the goal?

- A. Yes

B. No

Answer: A

Explanation:

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly.

CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.

ReadOnly means authorized users can read a resource, but they can't delete or update the resource.

Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

QUESTION 220

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You manage an Azure SQL Database.

The database has weekly backups that are stored in an Azure Recovery Services vault.

You need to maximize the time that previous backup versions are stored.

Solution: You configure a retention policy that is set to 10 years.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

Explanation:

Store Azure SQL Database backups for up to 10 years.

Many applications have regulatory, compliance, or other business purposes that require you to retain database backups beyond the 7-35 days provided by Azure SQL Database automatic backups. By using the long-term backup retention feature, you can store your SQL database backups in an Azure Recovery Services vault for up to 10 years.

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-long-term-retention>

QUESTION 221

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You manage an Azure SQL Database. The database has weekly backups that are stored in an Azure Recovery Services vault.

You need to maximize the time that previous backup versions are stored.

Solution: You configure a retention policy that is set to one year.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Store Azure SQL Database backups for up to 10 years.

Many applications have regulatory, compliance, or other business purposes that require you to retain database backups beyond the 7-35 days provided by Azure SQL Database automatic backups. By using the long-term backup retention feature, you can store your SQL database backups in an Azure Recovery Services vault for up to 10 years.

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-long-term-retention>

QUESTION 222

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You manage an Azure SQL Database. The database has weekly backups that are stored in an Azure Recovery Services vault.

You need to maximize the time that previous backup versions are stored.

Solution: You configure a retention policy that is set to 20 years.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Store Azure SQL Database backups for up to 10 years.

Many applications have regulatory, compliance, or other business purposes that require you to retain database backups beyond the 7-35 days provided by Azure SQL Database automatic backups. By using the long-term backup retention feature, you can store your SQL database backups in an Azure Recovery Services vault for up to 10 years.

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-long-term-retention>

QUESTION 223

A company deploys Microsoft SQL Server on an Azure Standard_DS3 virtual machine (VM).

You need to modify the disk caching policy.

Which Azure PowerShell cmdlet should you run?

- A. Set-AzureRmVmOperatingSystem
- B. Set-AzureRmVmDataDisk
- C. Update-Disk
- D. Update-AzureDisk

Answer: B

Explanation:

The Set-AzureRmVMDataDisk cmdlet modifies properties of a virtual machine data disk.

Syntax:

```
Set-AzureRmVMDataDisk  
[-VM] <PSVirtualMachine>  
[-Lun] <Int32>  
[-Caching] <CachingTypes>  
[-DiskSizeInGB] <Int32>  
[<CommonParameters>]
```

The -caching parameter specifies the caching mode of the disk. The acceptable values for this parameter are:

ReadOnly
ReadWrite

The default value is ReadWrite. Changing this value causes the virtual machine to restart.

IncorrectAnswers:

A: The Set-AzureRmVMOperatingSystem cmdlet sets operating system properties for a virtual machine.

You can specify logon credentials, computer name, and operating system type.

C: The Update-Disk cmdlet updates cached information about the specified Disk object only

D: The Update-AzureDisk cmdlet changes the label that is associated with a disk in the disk repository of the current Azure subscription.

<https://docs.microsoft.com/en-us/powershell/module/azurerm.compute/set-azurermvmdatadisk?view=azurermps-4.3.1>

QUESTION 224

You create an Azure Recovery Services vault and download the backup agent installation file.

You need to complete the installation of the backup agent.

What should you do first?

- A. Configure network throttling.
- B. Set the storage replication option.
- C. Download the vault credentials file.
- D. Select the data to back up.

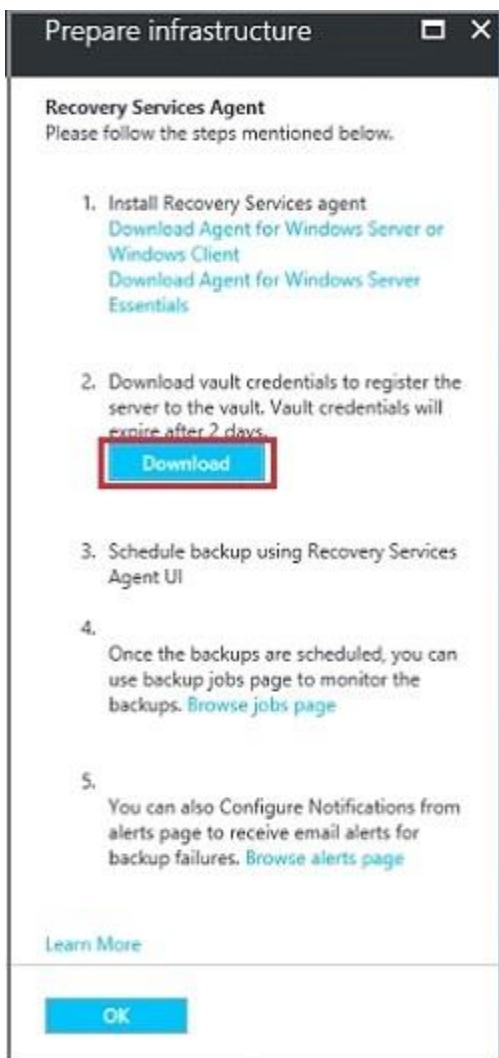
Answer: C

Explanation:

After you have created the vault, prepare your infrastructure to back up files and folders by downloading and installing the Microsoft Azure Recovery Services agent, downloading vault credentials, and then using those credentials to register the agent with the vault.

You can install the agent after you have downloaded the vault credentials.

Note: On the Prepare infrastructure blade, click Download.



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

QUESTION 225

You plan to use Azure Monitor with AutoScale Services.

You create a URI to be used with the monitoring service.

You need to configure an alert that specifies the URI.

Which Azure Command-Line Interface (CLI) command or Azure PowerShell cmdlet should you run?

- A. New-AzureRmAlertRuleEmail
- B. azure insights logprofile add
- C. New-AzureRmAlertRuleWebhook
- D. New-AzureRmAutoscaleRule

Answer: C

Explanation:

The New-AzureRmAlertRuleWebhook cmdlet creates an alert rule webhook.

Syntax:

New-AzureRmAlertRuleWebhook

[-ServiceUri] <String>
[[-Properties] <Hashtable>]
[<CommonParameters>]

Example: Create an alert rule webhook

New-AzureRmAlertRuleWebhook-ServiceUri "http://contoso.com" This command creates an alert rule webhook by specifying only the service URI.

Incorrect Answers:

A: The New-AzureRmAlertRuleEmail cmdlet creates an e-mail action for an alert rule.

Syntax: New-AzureRmAlertRuleEmail

[[-CustomEmails] <String[]>]
[-SendToServiceOwners]
[<CommonParameters>]

B: The azure insights logprofile add command adds a log profile.

Example: Add a log profile without retention

```
azure insights logprofile add --name default --storageId /subscriptions/1a66ce04-b633-4a0b-b2bc-a912ec8986a6/resourceGroups/insights-integration/providers/Microsoft.Storage/storageAccounts/ insightsintegration7777 --locations global,westus,eastus,northeurope,westeurope
```

D: The New-AzureRmAutoscaleRule cmdlet creates an Autoscale rule.

<https://docs.microsoft.com/en-us/powershell/module/azurerm.insights/new-azurermautrulewebhook?view=azurermps-4.3.1>

QUESTION 226

A company uses Azure to host virtual machines (VMs) and web apps.

You need to ensure that you can configure a schedule to scale app services.

How should you configure the app service?

- A. Set the scale by metric setting to Queue.
- B. Set the scale up by instances setting to 5.
- C. Set the scale down by instances setting to 5.
- D. Ensure that linked resources are also scaled.
- E. Set the scale by metric setting to None.

Answer: A

Explanation:

The Automatic scale - Queue mode automatically scales if the number of messages in a queue goes above or below a specified threshold. Role instances are created or deleted when this happens.

Incorrect Answers:

B, C: To set the scale up/scale down by instances setting you must first set the scale by metric setting to CPU.

D: Scale linked resources

Often when you scale a role, it's beneficial to scale the database that the application is using also. If you link the database to the cloud service, you can access the scaling settings for that resource.

<https://docs.microsoft.com/en-us/azure/cloud-services/cloud-services-how-to-scale>

QUESTION 227

Hotspot Question

You plan to use Azure Resource Manager (ARM) templates to deploy resources in Azure.

You define the following variables in the template.

```

"variables": {
    "apiVersion": "2015-06-15",
    "storageAccountType": "Standard_LRS",
    "addressPrefix": "10.0.0.0/16",
    "subnetName": "Subnet-1",
    "subnetPrefix": "10.0.0.0/24",
    "publicIPAddressType": "Dynamic",
    "nic1NamePrefix": "nic1",
    "nic2NamePrefix": "nic2",
    "imagePublisher": "MicrosoftWindowsServer",
    "imageOffer": "WindowsServer",
    "imageSKU": "2012-R2-Datacenter",
    "vnetName": "myVNET",
    "publicIPAddressName": "myPublicIP",
    "lbName": "LB",
    "vmNamePrefix": "VM",
    "vnetID": "[resourceId('Microsoft.Network/virtualNetworks',variables('vnetName'))]",
    "subnetRef": "[concat(variables('vnetID'),'/subnets/',variables('subnetName'))]",
    "publicIPAddressID": "[resourceId('Microsoft.Network/publicIPAddresses',variables('publicIP'))]",
    "lbID": "[resourceId('Microsoft.Network/loadBalancers',variables('lbName'))]",
    "frontEndIPConfigID": "[concat(variables('lbID'),'/frontendIPConfigurations/LoadBalancerFrontEnd')]",
    "lbPoolID": "[concat(variables('lbID'),'/backendAddressPools/BackendPool1')]"
},
    
```

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

Answer Area

How many virtual machines (VMs) are being created?

One
Two
Three

How many network interface cards are defined?

One
Two
Three

How will incoming connections be distributed?

Sent directly to the VM on a private network.
Sent directly to the VM on a public network.
Sent to the VM through a load balancer.

Answer:

Answer Area

How many virtual machines (VMs) are being created?

One
Two
Three

How many network interface cards are defined?

One
Two
Three

How will incoming connections be distributed?

Sent directly to the VM on a private network.
Sent directly to the VM on a public network.
Sent to the VM through a load balancer.

Explanation:

Box 1: One

Box 2: Two

We see the two lines Nic1NamePrefix and Nic2NamePrefix.

Box 3: Sent to the VM through a load balancer.

The variable lbID references a LoadBalancer.

<http://www.ravichaganti.com/blog/building-azure-resource-manager-templates-using-copy-object/>

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview#template-deployment>

QUESTION 228

Hotspot Question

You are implementing Azure Role-Based Control (RBAC).

You need to create two new administrator accounts. The accounts must meet the following requirements:

Admin1 must be able to manage only the storage accounts that are used by virtual machines (VMs) and other resources.

Admin2 must be able to manage and delete resources in the Recovery Services vault.

Which role should you assign to each account? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Account	Role
Admin1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ▼ </div> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> Data Factory Contributor Storage Account Contributor Virtual Machine Contributor </div>
Admin2	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ▼ </div> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> Automation Operator Backup Contributor Backup Operator </div>

Answer:

Answer Area

Account	Role
Admin1	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ▼ </div> <div style="border: 1px solid black; padding: 5px; display: inline-block; background-color: #e0f2e0;"> Data Factory Contributor Storage Account Contributor Virtual Machine Contributor </div>
Admin2	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> ▼ </div> <div style="border: 1px solid black; padding: 5px; display: inline-block; background-color: #e0f2e0;"> Automation Operator Backup Contributor Backup Operator </div>

Explanation:

Box 1: Storage Account Contributor

A Storage Account Contributor can manage storage accounts, but not access to them.

Incorrect Answers:

Not Data Factory Contributor: Can create and manage data factories, and child resources within them.

Not Virtual Machine Contributor: Can manage virtual machines, but not the virtual network or storage account to which they are connected.

Box 2: Backup Contributor

A Backup Contributor can manage all backup management actions, except creating Recovery Services vault and giving access to others.

Incorrect Answers:

Not Automation Operator: Able to start, stop, suspend, and resume jobs.

Not BackupOperator: Can manage backup except removing backup, in Recovery Services vault.

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

QUESTION 229

Hotspot Question

A company uses Azure to host virtual machines (VMs) and web apps.

Storage Analytics data for the web apps must be kept as long as possible.

The solution must not result in additional costs.

You need to configure a storage policy for the analytics data.

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

Answer Area

Setting	Value
Type of policy	<input type="button" value="▼"/>
	retention
	diagnostics
	quotas

Length of policy	<input type="button" value="▼"/>
	90
	365
	500
	1000

Answer:**Answer Area**

Setting	Value
Type of policy	<input type="button" value="▼"/>
	retention
	diagnostics
	quotas

Length of policy	<input type="button" value="▼"/>
	90
	365
	500
	1000

Explanation:

Box 1: retention

There are two ways to delete Storage Analytics data: by manually making deletion requests or by

setting a data retention policy. Manual requests to delete Storage Analytics data are billable, but delete requests resulting from a retention policy are not billable.

To avoid unnecessary charges, set a retention policy for logging and metrics.

Note: By default, Storage Analytics will not delete any logging or metrics data. Blobs and table entities will continue to be written until the shared 20TB limit is reached. Once the 20TB limit is reached, Storage Analytics will stop writing new data and will not resume until free space is available.

Box 2: 365

You can configure two data retention policies: one for logging and one for metrics. When enabled for both, Storage Analytics will delete logs and table entries older than the specified number of days. The maximum retention period is 365 days (1 year).

<https://docs.microsoft.com/en-us/rest/api/storageservices/Setting-a-Storage-Analytics-Data-Retention-Policy>

QUESTION 230

Hotspot Question

You plan to implement Azure Backup with virtual machines (VMs) that run Windows and Linux.

You need to ensure that the operating systems (OS) use supported encryption.

What should you use for each OS? To answer, select the appropriate encryption options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Operating system	Encryption
Windows	<div style="border: 1px solid black; padding: 5px;"><ul style="list-style-type: none">BitLockerEncrypting File System (EFS)Kerberos</div>
Linux	<div style="border: 1px solid black; padding: 5px;"><ul style="list-style-type: none">DM-CryptLUKSVeraCrypt</div>

Answer:

Answer Area

Operating system	Encryption
Windows	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> BitLocker Encrypting File System (EFS) Kerberos </div>
Linux	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> DM-Crypt LUKS VeraCrypt </div>

	
BitLocker	
Encrypting File System (EFS)	
Kerberos	

	
DM-Crypt	
LUKS	
VeraCrypt	

Explanation:

Azure back up and restore of encrypted virtual machines is supported for both Windows and Linux virtual machines using Azure Disk Encryption, which leverages the industry standard BitLocker feature of Windows and DM-Crypt feature of Linux to provide encryption of disks.

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/backup/backup-azure-vms-encryption.md>

QUESTION 231

Hotspot Question

You are configuring auto-scaling for a virtual machine (VM).

The following excerpt is the rules portion of a resource template.

```
"rules": [
    {
        "metricTrigger": {
            "metricName": "\Process(_Total)\Thread Count",
            "metricNamespace": "",
            "metricResourceUri": "[concat('/subscriptions/',subscription().subscriptionId,'/resourceGroups/',resourceGroup().name,
                '/providers/Microsoft.Compute/virtualMachineScaleSets/',parameters('vmSSName'))]",
            "timeGrain": "PT1M",
            "statistic": "Average",
            "timeWindow": "PTSM",
            "timeAggregation": "Average",
            "operator": "GreaterThan",
            "threshold": 800
        },
        "scaleAction":
        {
            "direction": "Increase",
            "type": "ChangeCount";
            "value": "1",
            "cooldown": "PTSM"
        }
    }
],
```

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

The number of VMs will increase when the processor usage is above 80 percent.

▼
Yes
No

Each time the rule is triggered, a VM is [answer choice].

▼
created
removed
resized

Answer:

Answer Area

The number of VMs will increase when the processor usage is above 80 percent.

▼
Yes
No

Each time the rule is triggered, a VM is [answer choice].

▼
created
removed
resized

Explanation:

Box 1: No

Here the performance counter is Thread Count, the threshold value is 800 for a scale-out action. If you use a counter such as %Processor Time, the threshold value is set to the percentage of CPU usage that determines a scaling action.

Box 2: created

The direction value determines the action that is taken when the threshold value is achieved.

The possible values are Increase or Decrease.

<https://github.com/MicrosoftDocs/azure-docs/blob/master/articles/virtual-machine-scale-sets/virtual-machine-scale-sets-autoscale-overview.md>

QUESTION 232

Hotspot Question

You are an Azure subscription administrator for your company.

Management asks you to add a contractor named User1 with a Microsoft account of User1@outlook.com to manage DNS records but have no other permissions. The contractor is not in your Azure Active Directory (Azure AD) but must be able to manage all of the DNS records in the Adatum zone. The Adatum zone is in the ITManaged Resource Group.

You need to add the contractor.

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

Answer Area

Option	Action or value
Role Assignment	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> Network Contributor <input type="checkbox"/> DNS Zone Contributor <input type="checkbox"/> Contributor <input type="checkbox"/> Website Contributor </div>
Add User to Role	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> Add User1 from Azure AD. <input type="checkbox"/> Add User1 to Group in Azure AD. <input type="checkbox"/> Invite User1@outlook.com. <input type="checkbox"/> Add User1@outlook.com </div>

Answer:

Answer Area

Option	Action or value
Role Assignment	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input checked="" type="checkbox"/> Network Contributor <input checked="" type="checkbox"/> DNS Zone Contributor <input type="checkbox"/> Contributor <input type="checkbox"/> Website Contributor </div>
Add User to Role	<div style="border: 1px solid black; padding: 5px; width: fit-content;"> <input type="checkbox"/> Add User1 from Azure AD. <input type="checkbox"/> Add User1 to Group in Azure AD. <input type="checkbox"/> Invite User1@outlook.com. <input checked="" type="checkbox"/> Add User1@outlook.com </div>

Explanation:

Box 1: DNS Zone Contributor

The 'DNS Zone Contributor' role is a built-in role provided by Azure for managing DNS resources.

Assigning DNS Zone Contributor permissions to a user or group enables that group to manage DNS resources, but not resources of any other type.

Box 2: Add User1@outlook.com

The simplest way to assign RBAC permissions is via the Azure portal. Open the 'Access control (IAM)' blade for the resource group, then click 'Add', then select the 'DNS Zone Contributor' role and select the required users or groups to grant permissions.

You can search the directory with display names, email addresses, and object identifiers.

<https://docs.microsoft.com/en-us/azure/dns/dns-protect-zones-recordsets>

QUESTION 233

You are an administrator of the Azure subscription for your company.

You are updating an Azure Resource Manager (ARM) template.

You need to ensure that the JSON file uses the latest version available.

Which template element should you modify?

- A. parameters
- B. resources
- C. \$schema
- D. variables

Answer: A

Explanation:

[\\$schema](https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-authoring-templates) Yes Location of the JSON schema file that describes the version of the template language. Use the URL shown in the preceding example.

QUESTION 234

You are the Azure administrator for your company.

The company has developed a mobile application used to support sales people in the field.

The application uses Azure Active Directory (Azure AD) accounts for authentication.

The application sends and receives HTTP requests on publicly accessible endpoints.

You need to provide the ability to authenticate the application using Azure.

Which tool should you use?

- A. OAuth 2.0 authorization code grant
- B. Azure AD Connect
- C. Azure Portal
- D. Azure AD Graph API

Answer: A

Explanation:

Azure Active Directory (Azure AD) uses OAuth 2.0 to enable you to authorize access to web applications and web APIs in your Azure AD tenant.

Note: The authorization code grant type is used to obtain both access tokens and refresh tokens and is optimized for confidential clients. Since this is a redirection-based flow, the client must be capable of interacting with the resource owner's user-agent (typically a web browser) and capable of receiving incoming requests (via redirection) from the authorization server.

<https://docs.microsoft.com/en-us/azure/active-directory/develop/active-directory-protocols-oauth-code>

<https://tools.ietf.org/html/rfc6749#section-4.1>

QUESTION 235

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You manage an Azure SQL Database. The database has weekly backups that are stored in an Azure Recovery Services vault.

You need to maximize the time that previous backup versions are stored.

Solution: You configure a retention policy that is set to three years.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 236

A company uses Azure to host virtual machines (VMs) and web apps. You plan to deploy a new web app in the Shared App Service tier.

The web app must support running up to 25 instances concurrently.

You need to ensure that you can configure HTTPS for the new web app.

What should you do?

- A. Configure the domain name mapping.
- B. Set the deployment credentials for the app service.
- C. Create a new app service.
- D. Scale up to the Premium App Service tier.

Answer: A

Explanation: <https://docs.microsoft.com/en-us/azure/app-service/app-service-web-tutorial-custom-domain>

QUESTION 237

A company uses Azure to host virtual machines (VMs) and web apps.

A line of business (LOB) application that runs on a VM uses encrypted storage.

You need to ensure that the VMs support the LOB application.

What should you do?

- A. Run the Set-AzureRmVMDiskEncryptionExtension Azure PowerShell cmdlet.
- B. Use a Premium Storage disk for the VM.
- C. Run the Add-AzureRmVmssSecret Azure PowerShell cmdlet.
- D. Scan the environment from the Azure Security Manager.

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/powershell/module/azurerm.compute/set-azurermvmdiskencryptionextension?view=azurermps-4.4.1>

QUESTION 238

A company has an existing on-premises Active Directory environment that is synchronized using DirSync. They plan to transition the DirSync deployment to Azure Active Directory (Azure AD) Connect.

You need to identify a transition path for the company.
What should you do?

- A. Install a new on-premises domain controller.
- B. Create a new Azure AD instance.
- C. Upgrade the on-premises Active Directory Domain Service (AD DS) forest functional level to Windows Server 2016.
- D. Deploy Azure AD Connect in parallel.

Answer: D

Explanation:

<https://docs.microsoft.com/gl-es/azure/active-directory/connect/active-directory-aadconnect-dirsync-deprecated#how-to-transition-to-azure-ad-connect>

QUESTION 239

Hotspot Question

A company is using Azure to host virtual machines (VMs) and web apps.

Two web apps named App1 and App2 are configured in the environment. App1 must be able to scale up to 10 instances. App2 must be able to scale up to 25 instances. The app services must be configured to minimize costs.

You need to set the app service tier for each application.

Which service tier should you use for each app? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer area

App name

App service tier

App1

▼
Shared
Basic
Standard
Premium

App2

▼
Shared
Basic
Standard
Premium

Answer:

Answer area App name App service tier

App1

▼
Shared
Basic
Standard
Premium

App2

▼
Shared
Basic
Standard
Premium

Explanation:
<https://docs.microsoft.com/en-us/azure/azure-subscription-service-limits#app-service-limits>
QUESTION 240

Hotspot Question

You plan to deploy Azure SQL Database instances named DB1 and DB2.

You have the following requirements:

- DB1 must support at least 2,000 IOPS.
- DB2 must have disk sizes of 750 gigabytes (GB).
- Minimize costs when deploying the solution.

You need to assign the appropriate storage tier for the databases.

Which tier should you use for each database? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer area**Database**

DB1

Tier

▼
Premium P10
Premium P20
Premium P30

DB2

▼
Premium P10
Premium P20
Premium P30

Answer:**Answer area****Database**

DB1

Tier

▼
Premium P10
Premium P20
Premium P30

DB2

▼
Premium P10
Premium P20
Premium P30

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

QUESTION 241

Hotspot Question

A company uses Azure to host virtual machines (VMs) and web apps.

You plan to delegate access using Role-Based Access Control (RBAC). Users must not have more permissions than necessary.

- Admin1 must not be able to manage resource access.
- Admin1 must be able to manage all other Azure components.
- Admin2 must be able to stop and restart Azure jobs.

You need to assign the appropriate role to the new admins.

Which role should you assign to each admin account? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer area

Admin account	Role
Admin1	
	Automation Operator
	Contributor
	Owner
	Security Manager
	User Access Administrator

Admin2	
	Automation Operator
	Contributor
	Owner
	Security Manager
	User Access Administrator

Answer:

Answer area

Admin account	Role
Admin1	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <div style="background-color: #e0e0e0; height: 15px; width: 100%;"></div> <div style="background-color: #90EE90; height: 15px; width: 100%;"></div> <div style="background-color: #e0e0e0; height: 15px; width: 100%;"></div> <div style="background-color: #e0e0e0; height: 15px; width: 100%;"></div> <div style="background-color: #e0e0e0; height: 15px; width: 100%;"></div> </div>
Admin2	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <div style="background-color: #90EE90; height: 15px; width: 100%;"></div> <div style="background-color: #e0e0e0; height: 15px; width: 100%;"></div> </div>

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/role-based-access-control-what-is#built-in-roles>

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

QUESTION 242

Drag and Drop Question

You manage virtual machines (VMs) that have been deployed in Azure.

An application that runs on a VM has a memory leak. When memory usage exceeds 80 percent, multiple services must be restarted.

You need to automate the VM maintenance.

What should you do? To answer, drag the appropriate actions to the correct options. 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. NOTE: Each correct selection is worth one point.

Answer area

Actions	Option	Action
Create an alert	VM configuration action	Action
Run a workbook	Configuration action	Action
Create a Run As account	Configuration action	Action
Create a resource group		
Send an email		

Answer:
Answer area

Actions	Option	Action
	VM configuration action	Create an alert
	Configuration action	Create a Run As account
Create a resource group	Configuration action	Run a workbook
Send an email		

Explanation:

<https://docs.microsoft.com/en-us/azure/automation/automation-azure-vm-alert-integration>

QUESTION 243

Hotspot Question

You manage two websites for your company. The websites are hosted on an internal server that is beginning to experience performances issues due to high traffic.

You plan to migrate the sites to Azure Web Apps. The sites have the following configurations:

Name	Purpose	Characteristics
Site 1	Public-facing forum for clients and customers to interact	<ul style="list-style-type: none"> Developed in Node.JS Contains 11Gb of data Deployed to two (2) instances
Site 2	Public-facing portal for users to access their customer records	<ul style="list-style-type: none"> Developed in ASP.NET 4.0 Contains 9Gb of data Deployed to three (3) instances

In the table below, identify the app service plan with the lowest cost for each site. Make only one selection in each column. NOTE: Each correct selection is worth one point.

Answer area

App Service Plan	Site 1	Site 2
Free	<input type="radio"/>	<input type="radio"/>
Shared	<input type="radio"/>	<input type="radio"/>
Basic	<input type="radio"/>	<input type="radio"/>
Standard	<input type="radio"/>	<input type="radio"/>

Answer:

Answer area

App Service Plan	Site 1	Site 2
Free	<input type="radio"/>	<input type="radio"/>
Shared	<input type="radio"/>	<input type="radio"/>
Basic	<input type="radio"/>	<input checked="" type="radio"/>
Standard	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

<https://docs.microsoft.com/en-us/azure/app-service/azure-web-sites-web-hosting-plans-in-depth-overview>

QUESTION 244

The VM environment must provide 99.95 % uptime. The VM must not be offline due to installation of an update that requires a reboot

Solution: Create an availability set with two VM's. Place the VM in the same update domain
YES/NO

- A. Yes
- B. No

Answer: B

QUESTION 245

The VM environment must provide 99.95 % uptime. The VM must not be offline due to installation of an update that requires a reboot

Solution: Create an availability set with two VM's. Place the VM in the same Fault domain
YES/NO

- A. Yes
- B. No

Answer: B

QUESTION 246

The VM environment must provide 99.95 % uptime. The VM must not be offline due to installation of an update that requires a reboot

Solution: Create an availability set with two VM's. Place the VM in the different update and fault domain
YES/NO

- A. Yes
- B. No

Answer: A

Explanation:

VMs Need to be in different update/fault domains in order to avoid reboot

QUESTION 247

A company uses Azure to host virtual machines (VMS) and web apps.

You have an app service named App1 that uses the Basic app service tier.

You need to ensure that diagnostic data for App1 is permanently stored.

Solution: You specify a storage account in the Diagnostics.xml file.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

You specify the storage account that you want to use in the ServiceConfiguration.cscfg

QUESTION 248

A company uses Azure to virtual machines (VMS) and web apps.

You have an app service named Appl that uses the Basic app service tier.

To ensure that diagnostic data for Appl is permanently stored.

Scale the app service to the Standard tier

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 249

A Company has an Azure subscription and plans to deploy virtual machines (VMS).
The company needs to use an Azure Active Directory Domain Services (Azure AD DS) domain with the VMS. You need to ensure that you can join the VMS to the Azure AD DS domain.
Solution Create a dedicated virtual network for Azure AD DS.
Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

No need for dedicated network, Ensure that you have configured the IP addresses of the managed domain as the DNS servers for the virtual network
<https://docs.microsoft.com/en-us/azure/active-directory-domain-services/active-directory-ds-join-windows-vm-template>

QUESTION 250

A company has an Azure subscription and plans to deploy virtual machines (VMS),
the company needs to use an Azure Active Directory Domain Services (Azure AD DS) domain with the VMS.

You need to ensure that you can join the VMS to the Azure AD DS domain.

Solution: Create an on-premises AD DS domain.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Azure AD Domain Services must be enabled for the Azure AD directory. If you haven't done so, follow all the tasks outlined in the Getting Started guide.

QUESTION 251

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the temp.

```
"resources": [
    {
        "name": "[concat(parameters('lockedResource'), '/Microsoft.Authorization/myLock')]",
        "type": "Microsoft.Authorization/locks",
        "apiVersion": "2015-01-01",
        "properties": {
            "level": "ReadOnly"
        }
    }
]
```

- A. Yes
- B. No

Answer: B

Explanation:

Applying ReadOnly can lead to unexpected results because some operations that seem like read operations actually require additional actions. **For example, placing a ReadOnly lock on a storage account prevents all users from listing the keys.**

QUESTION 252

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the temp.

```
"resources": [
    {
        "name": "[concat(parameters('lockedResource'), '/Microsoft.Authorization/myLock')]",
        "type": "Microsoft.Storage/storageAccounts/providers/locks",
        "apiVersion": "2015-01-01",
        "properties": {
            "level": "CannotDelete"
        }
    }
]
```

- A. Yes
- B. No

Answer: A

QUESTION 253

You use Azure Backup to back up a System Center Data Protection Manager Server.

You create a backup vault and add it to DPM server.

You need to ensure that you don't accrue any extra cost

- A. Disable the Azure Backup agent
- B. Reissue the vault credential file
- C. Change the storage redundancy option
- D. Change the retention policy

Answer: CD

QUESTION 254

A company uses Azure AD Connect to synchronize on-premises and Azure identities. The company uses Active Directory Federation Services for external users.

You need to ensure that Azure Connect Health can analyze all AD FS audit logs

- A. On Azure AD Connect Server, enable security Auditing
- B. On AD FS Server enable security auditing
- C. On AD FS Server set audit policy to Verbose
- D. On Azure AD Connect server, set the audit policy to verbose

Answer: BC

QUESTION 255

You need to deploy ubuntu machine to azure, what's the fastest way?

- A. xPlat Azure CLI
- B. Chef
- C. Puppet
- D. Cloud-Int

Answer: D

Explanation:

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

QUESTION 256

A company plans to use operations management suite (OMS) to track changes within virtual machines (VMs). The company requires that data collection occur at least every 15 minutes. You need to recommend a solution to monitor VMs which ensure that data collection occurs at least every 15 minutes.

Solution: Monitor registry keys on windows VMs. (Does the solution meet the goal? YES / NO)

- A. Yes
- B. No

Answer: B

Explanation:

The following table shows the data collection frequency for the types of changes.

change type	frequency	Does agent send differences when found?
Windows registry	50 minutes	No

QUESTION 257

A company plans to use operations management suite (OMS) to track changes within virtual machines (VMs). The company requires that data collection occur at least every 15 minutes. You need to recommend a solution to monitor VMs which ensure that data collection occurs at least every 15 minutes.

Solution: Monitor daemons on Linux VMs (Does the solution meet the goal? YES / NO)

- A. Yes
- B. No

Answer: A

Explanation:

change type	frequency	Does agent send differences when found?
Windows registry	50 minutes	No
Windows file	30 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Linux file	15 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Windows services	30 minutes	Yes, every 30 minutes when changes are found. Every 24 hours a snapshot is sent regardless of change. So, the snapshot is sent even where there are no changes.
Linux daemons	5 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Windows software	30 minutes	Yes, every 30 minutes when changes are found. Every 24 hours a snapshot is sent regardless of change. So, the snapshot is sent even where there are no changes.
Linux software	5 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.

QUESTION 258

A company plans to use operations management suite (OMS) to track changes within virtual machines (VMs). The company requires that data collection occur at least every 15 minutes. You need to recommend a solution to monitor VMs which ensure that data collection occurs at least every 15 minutes.

Solution: Monitor files on Linux VMs (Does the solution meet the goal? YES / NO)

- A. Yes
- B. No

Answer: A

Explanation:

Monitoring frequency for Linux files is 15 minutes

change type	frequency	Does agent send differences when found?
Windows registry	50 minutes	No
Windows file	30 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Linux file	15 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Windows services	30 minutes	Yes, every 30 minutes when changes are found. Every 24 hours a snapshot is sent regardless of change. So, the snapshot is sent even where there are no changes.
Linux daemons	5 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.
Windows software	30 minutes	Yes, every 30 minutes when changes are found. Every 24 hours a snapshot is sent regardless of change. So, the snapshot is sent even where there are no changes.
Linux software	5 minutes	Yes. If there is no change in 24 hours, a snapshot is sent.

<https://docs.microsoft.com/en-us/azure/log-analytics/log-analytics-change-tracking>

QUESTION 259

You plan to use azure active directory connect health to monitor azure ad and on-premises active directory domain services.

You need to obtain the appropriate license type and ensure that you monitor the server. What should you do?

- A. azure ad standard
- B. azure ad premium
- C. enterprise mobility + security
- D. operations management suite

Answer: B

QUESTION 260

How many licenses do I need to monitor my infrastructure?

The first Connect Health Agent requires at least one Azure AD Premium license. Each additional registered agent requires 25 additional Azure AD Premium licenses.

- A. install agent on an azure virtual machine
- B. install the agent on on-premises Ad ds server.
- C. install the agent on on-premises ad cs server.

Answer: B

Explanation:

Azure AD Connect Health requires the Health Agents to be installed and configured on targeted servers to receive the data and provide the Monitoring and Analytics capabilities

For example, to get data from your AD FS infrastructure, the agent must be installed on the AD FS and Web Application Proxy servers. Similarly, to get data on your on-premises AD DS infrastructure, the agent must be installed on the domain controllers.

<https://docs.microsoft.com/en-us/azure/active-directory/connect-health/active-directory-aadconnect-health-agent-install>

QUESTION 261

A company uses azure resource manager (ARM) templates to create resources.

The following segment is from one of the company's arm templates.

```
"properties":{  
  "Routes": {  
    "  
      :name": "myroute",  
      "properties": {  
        "addressprefix": "{parameters}('backendsubnetprefix')";  
        "nexthoptype": "virtualappliance",  
        "nexthopipaddress" : "[parameters(vmIPaddress')]"  
      }  
    }  
  }  
}
```

Choose the the answer

The type of route defined is:

- A. UDR-Frontend
- B. UDR-BackEnd
- C. VNet d) Internet

Answer: A

QUESTION 262

The route will send traffic directly to an:

- A. Azure appliance
- B. azure subnet
- C. on-premises appliance
- D. on-premises subnet

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-create-udr-arm-template#udr-resources-in-a-template-file>

QUESTION 263

A company plans to store data for the accounting and human resources departments in azure storage accounts. You have the following requirements:

- Data for both departments must be encrypted when stored
- The accounting department must be able to query each object to verify that it is encrypted.
- The human resources department must be able to switch access tiers at any time.

Which storage types shoud you use?

- A. Blob storage
- B. file storage
- C. table storage
- D. queue storage

Answer: A

Explanation:

Blob storage can switch tiers

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

To verify encryption is enabled for their storage accounts, customers can either query the status of encrypted data for blobs and file (not available for table and queue storage), or check account properties.

<https://azure.microsoft.com/en-us/blog/announcing-default-encryption-for-azure-blobs-files-table-and-queue-storage/>

QUESTION 264

You manage an azure subscription for your company. You plan to implement an application in azure that consists of a web tier and a data tier. The application has the following requirement:

- Be available even if a single virtual machine becomes unavailable
- Remain available during Microsoft planned maintenance events.
- Verify the health of the vms before a connection to a vm is established.

You need to configure the environment

No. of availability sets:

- A. do not create ii)
- B. create one availability set
- C. create two availability sets
- D. create three availability sets

Answer: B

Explanation:

<https://social.msdn.microsoft.com/Forums/sqlserver/en-US/ccf69a9c-0a6a-47bc-afca-561cf66cdebd/multiple-availability-sets-on-single-load-balancer?forum=WAVirtualMachinesVirtualNetwork>

QUESTION 265

A company plans to integrate azure active directory and google apps using single sing-on (SSO). You need to configure the federation and demonstrate (SSO) with an account named User1. Which three actions should you perform in sequence?

- A. Configure sso in the google apps admin console
- B. Assign an azure ad premium license to user1
- C. Create user1 and add the security assignment
- D. Add the google apps application from the gallery.

Answer: ACD

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/active-directory-saas-google-apps-tutorial>

QUESTION 266

A company uses azure to host virtual machines and web app. A line of business application that runs on a vm must use encrypted storage. You need to ensure that the vms support the lob application. What should you do?

- A. Run the add-azurervmsssecret azure powershell cmdlet
- B. Scan the environment from the azure security manage.
- C. Run the test-azurervmvmaemextention azure powershell cmdlet
- D. Run the set-azurermvmdiskencrytionextension azure powershell cmdlet

Answer: D

QUESTION 267

A company uses azure to host web apps. The company plans to deploy a new web app using a kubernetes cluster. You create a new resource group for the cluster. You need to deploy the application. Which three actions should you perform in sequence?

- A. Configure the kubernetes credentials
- B. Create the kubernetes applications
- C. Clone the kubernetes application
- D. Create a container image
- E. Create the kubernetes cluster

Answer: ADE

Explanation:

If you look at the new AKS Service (New Azure Container Service) the steps are:

Configure the Kubernetes principal (Credentials)

Create the Kubernetes Cluster

Create a container image.

<https://docs.microsoft.com/en-us/azure/aks/kubernetes-walkthrough-portal>

QUESTION 268

A company has a hybrid environment. The public IP Address of the on-premises environment is 40.84.199.233. The company deploys virtual machines to azure on different subnets.

You need to ensure that the azure vms can communicate with the on-premises environment.

What should you create?

- A. A an internet rule for each subnet
- B. A user defined route to 255.255.255.0/0 with a vpn gateway
- C. A user defined route to 0.0.0.0/30 with a vpn gateway
- D. A border gateway protocol route by using expressroute

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-bgp-overview>

QUESTION 269

Which machines can be replicated to Azure using vmware vsphere 6.5?

- A. Windows Server 2012
- B. Windows Server 2008 R2
- C. Centos 7.3
- D. RHEL 7.3

Answer: ACD

Explanation:

Not B (Needs to be Windows Server 2008 R2 with at least SP1)

Red Hat Enterprise Linux: 5.2 to 5.11, 6.1 to 6.9, 7.0 to 7.3

CentOS: 5.2 to 5.11, 6.1 to 6.9, 7.0 to 7.3

<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-support-matrix-to-azure>

QUESTION 270

Drag and Drop Question

A company plans OMS to track configuration changes within VMs

You need to determine the change types that report difference when changes are found

Which action for each source type is performed by the OMS agent, to answer, drag appropriate action to the data source?

Actions	Answer area	Source type	Action
Changes sent to OMS			
Changes are not sent		Windows registry keys	
		Windows files	
		Linux files	

Answer:

Actions	Answer area	Source type	Action
Changes sent to OMS			
Changes are not sent		Windows registry keys	Changes are not sent
		Windows files	Changes sent to OMS
		Linux files	Changes sent to OMS

Explanation:

<https://docs.microsoft.com/en-us/azure/log-analytics/log-analytics-change-tracking>

QUESTION 271

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 questions 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 administer an Azure subscription for your company. You plan to deploy a virtual machine (VM) to Azure.

The VM environment must provide 99.95% uptime. A single switch outage must not cause the VM environment to be unavailable. VM must be offline due to installation of an update that requires a reboot.

You need to configure the environment.

Solution: Create two availability sets. Place a VM in each availability set.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

https://azure.microsoft.com/en-gb/support/legal/sla/virtual-machines/v1_0/

For all Internet facing Virtual Machines that have two or more instances deployed in the same Availability Set, we guarantee you will have external connectivity at least 99.95% of the time.

You need to deploy them in the same availability set (Azure will then split them in different update and fault domains).

QUESTION 272

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 questions 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 administer an Azure subscription for your company. You plan to deploy a virtual machine (VM) to Azure.

The VM environment must provide 99.95% uptime. A single switch outage must not cause the VM environment to be unavailable VM must be offline due to installation of an update that requires a reboot.

You need to configure the environment.

Solution: Create an availability set and deploy two VMs in it. Ensure that the VMs are in different update and fault domains.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Once you place them in the same Availability set then Azure will split them in separate fault and update domains. By default as you read in the link below one Availability Set has 5 update domains and 3 fault domains and the VMs are spread across these.

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

QUESTION 273

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 questions 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 administer an Azure subscription for your company. You plan to deploy a virtual machine (VM) to Azure.

The VM environment must provide 99.95% uptime. A single switch outage must not cause the VM environment to be unavailable VM must be offline due to installation of an update that requires a reboot.

You need to configure the environment.

Solution: Create an availability set with two VMs. Place the VMs in the same fault domain.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 274

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 questions 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.

A company plans to use Operations Management Suite (OMS) to track changes within virtual machines (VMs).

The company required that data collection occur at least every 15 minutes.

You need to recommend a solution to monitor VMs which ensures that data collection occurs at least every 15 minutes.

Solution: Monitor registry keys on Windows VMs.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 275

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 questions 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.

A company plans to use Operations Management Suite (OMS) to track changes within virtual machines (VMs).

The company required that data collection occur at least every 15 minutes.

You need to recommend a solution to monitor VMs which ensures that data collection occurs at least every 15 minutes.

Solution: Monitors daemons on Linux VMs.

Does the solution meet the goal?

- A. Yes

B. No

Answer: A

QUESTION 276

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 questions 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.

A company plans to use Operations Management Suite (OMS) to track changes within virtual machines (VMs).

The company required that data collection occur at least every 15 minutes.

You need to recommend a solution to monitor VMs which ensures that data collection occurs at least every 15 minutes.

Solution: Monitor files on Linux VMs.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/log-analytics/log-analytics-change-tracking>

QUESTION 277

A company has an Azure subscription and plans to deploy virtual machines (VMs).

The company needs to use an Azure Active Directory Domain Services (Azure AD DS) domain with the VMs.

You need to ensure that you can join the VMs to the Azure AD DS domain.

What should you do?

- A. Place the VMs in the same resource group as a domain controller.
- B. Place the VMs on the same virtual network as the Azure AD DS domain.
- C. Create an AD DS domain controller on a VM.
- D. Create a custom domain in the Azure subscription.

Answer: B

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory-domain-services/active-directory-ds-admin-guide-join-windows-vm-portal>

QUESTION 278

A company has a hybrid environment. The public IP address of the on-premises environment is 40.84.199.233. The company deploys virtual machines (VMs) to Azure on different subnets.

You need to ensure that the Azure VMs can communicate with the on-premises environment.

What should you create?

- A. an Internet rule for each subnet
- B. a user defined route to 255.255.255.0/0 with a VPN gateway
- C. a user defined route to 0.0.0.0/30 with a VPN gateway
- D. a Border Gateway Protocol (BGP) route by using ExpressRoute

Answer: D

Explanation:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-bgp-overview>

QUESTION 279

You plan to use Azure Monitor with AutoScale Services. You create a URI to be used with the monitoring service.

You need to configure an alert that specifies the URI.

Which Azure Command-Line Interface (CLI) command or Azure PowerShell cmdlet should you run?

- A. New-AzureRmAlertRuleEmail
- B. azure insights logprofile add
- C. azure insights alerts actions webhook create
- D. azure insights alerts rule list

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/monitoring-and-diagnostics/insights-autoscale-to-webhook-email>

QUESTION 280

You plan to implement shared storage policies.

You need to apply a policy to the appropriate resource.

What should you use?

- A. queues
- B. Recovery Services vault
- C. Premium Disk storage
- D. resource group

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/rest/api/storageservices/establishing-a-stored-access-policy>

QUESTION 281

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 questions 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.

A company uses Azure to host virtual machines (VMs) and web apps. You have an app service named App1 that uses the Basic app service tier.

You need to ensure that diagnostic data for App1 is permanently stored.

Solution: You specify a storage account in the ServiceConfiguration.cscfg file.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: A

QUESTION 282

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 questions 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.

A company uses Azure to host virtual machines (VMs) and web apps.

You have an app service named App1 that uses the Basic app service tier.

You need to ensure that diagnostic data for App1 is permanently stored.

Solution: You specify a storage account in the Diagnostics.xml file.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 283

Hotspot Question

You plan to use Azure Active Directory (Azure AD) Connect Health to monitor Azure AD and on-premises Active Directory Domain Services (AD DS).

You need to obtain the appropriate license type and ensure that you monitor the servers.

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

NOTE: Each correct selection is worth one point.

Answer Area

Select license type

- Azure AD Standard
- Azure AD Premium
- Enterprise Mobility + Security
- Operations Management Suite

Installation action

- Install the agent on an Azure virtual machine (VM).
- Install the agent on on-premises AD DS servers.
- Install the agent on on-premises AD CS servers.

Answer:

Answer Area

Select license type

- Azure AD Standard
- Azure AD Premium
- Enterprise Mobility + Security
- Operations Management Suite

Installation action

- Install the agent on an Azure virtual machine (VM).
- Install the agent on on-premises AD DS servers.
- Install the agent on on-premises AD CS servers.

Explanation:

<https://azure.microsoft.com/en-us/pricing/details/active-directory/>

QUESTION 284

Hotspot Question

A company uses Azure Resource Manager (ARM) templates to create resources.

The following segment is from one of the company's ARM templates.

```
"properties": {  
    "routes": [  
        {  
            "name": "myRoute",  
            "properties": {  
                "addressPrefix": "[parameters('backEndSubnetPrefix')]",  
                "nextHopType": "VirtualAppliance",  
                "nextHopIpAddress": "[parameters('vmIpAddress')]"  
            }  
        }  
    ]  
    ...  
}
```

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

The type of route defined is
a [answer choice].

UDR-FrontEnd
UDR-BackEnd
VNet
Internet

The route will send traffic directly
to an [answer choice].

Azure appliance
Azure subnet
on-premises appliance
on-premises subnet

Answer:

Answer Area

The type of route defined is a [answer choice].

UDR-FrontEnd
UDR-BackEnd
VNet
Internet

The route will send traffic directly to an [answer choice].

Azure appliance
Azure subnet
on-premises appliance
on-premises subnet

Explanation:

<https://github.com/squillace/staging/blob/master/articles/virtual-network/virtual-network-create-udr-arm-template.md>

QUESTION 285

Drag and Drop Question

A company plans to store data for the accounting and human resources departments in Azure storage accounts.

You have the following requirements:

- Data for both departments must be encrypted when stored.
- The accounting department must be able to query each object to verify that it is encrypted.
- The human resources department must be able to switch access tiers at any time.

You need to configure the storage encryption.

Which storage type should you use? To answer, drag the appropriate storage type to the correct department. Each storage type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Storage types

- Blob storage
- Table storage
- File storage
- Queue storage

Answer Area

Department

Storage type

Accounting

Human resources

Answer:
Storage types

- File storage
- Queue storage

Answer Area

Department

Storage type

Accounting

Table storage

Human resources

Blob storage

Explanation:
<https://docs.microsoft.com/en-us/azure/cosmos-db/table-storage-overview>
<https://docs.microsoft.com/en-us/azure/storage/common/storage-introduction>
QUESTION 286

Drag and Drop Question

A company uses Azure to store data in blobs.

You need to modify metadata properties for the Azure storage containers.

How should you complete the REST API segment? To answer, drag the appropriate REST API to the correct targets. Each segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Rest API segments

x-ms-version
x-ms-date
x-ms-meta-Category
Authorization
SignedVersion

Answer Area
Request Syntax:

PUT:
 https://myaccount.blob.core.windows.net/mycontainer?
 reftype=container&comp=metadata HTTP/1.1
 x-ms-version : 2017-08-18
 x-ms-date : Sun, 25 Sep 2011 22:50:32
 x-ms-meta-Category : Images
 Authorization : SharedKey myaccount:25043vY9MesKNh0PNtksNc9nbXSSqGHueE00Jdjid0Q=

Answer:
Rest API segments

SignedVersion

Answer Area
Request Syntax:

PUT:
 https://myaccount.blob.core.windows.net/mycontainer?
 reftype=container&comp=metadata HTTP/1.1
 x-ms-version : 2017-08-18
 x-ms-date : Sun, 25 Sep 2011 22:50:32
 x-ms-meta-Category : Images
 Authorization : SharedKey myaccount:25043vY9MesKNh0PNtksNc9nbXSSqGHueE00Jdjid0Q=

Explanation:

<https://docs.microsoft.com/en-us/rest/api/storageservices/set-container-metadata>

QUESTION 287

Hotspot Question

You manage an Azure subscription for your company.

You plan to implement an application in Azure that consists of a web tier and a data tier.

The application has the following requirements:

- Be available even if a single virtual machine (VM) becomes unavailable.
- Remain available during Microsoft planned maintenance events.
- Verify the health of the VMs before a connection to a VM is established.

You need to configure the environment.

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

NOTE: Each correct selection is worth one point.

Answer Area

Configuration option	Action
Number os Availability Sets	<ul style="list-style-type: none">Do not create an Availability SetCreate one Availability SetCreate two Availability SetsCreate four Availability Sets
Application tier availability	<ul style="list-style-type: none">Implement multiple fault domains.Implement multiple update domains.Implement an Azure Load Balancer.Implement a Recovery Services vault.

Answer:

Answer Area

Configuration option	Action
Number os Availability Sets	<ul style="list-style-type: none">Do not create an Availability SetCreate one Availability SetCreate two Availability SetsCreate four Availability Sets
Application tier availability	<ul style="list-style-type: none">Implement multiple fault domains.Implement multiple update domains.Implement an Azure Load Balancer.Implement a Recovery Services vault.

Explanation:

<https://docs.microsoft.com/en-us/azure/architecture/guide/architecture-styles/n-tier>

QUESTION 288

Drag and Drop Question

You plan to integrate Azure Active Directory (Azure AD) with the following custom applications:

Name	Comments
App1	Native client application
App2	Requires access to the web API as the authenticated user
App3	Requires access to the web API without user context

You need to configure the web API permissions for the apps.

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

NOTE: Each correct selection is worth one point.

Permission types

Application Permissions

Delegated Permissions

Answer Area

App	Permission type
-----	-----------------

App1

App2

App3

Answer:

Permission types

Application Permissions

Delegated Permissions

Answer Area

App	Permission type
-----	-----------------

App1

Delegated Permissions

App2

Delegated Permissions

App3

Application Permissions

Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/active-directory-apps-permissions-consent>

<https://docs.microsoft.com/en-us/azure/architecture/multitenant-identity/web-api>

QUESTION 289

Drag and Drop Question

A company plans to integrate Azure Active Directory (Azure AD) and Google Apps using single sign-on (SSO).

You need to configure the federation and demonstrate SSO with an account named User1.

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

Configure SSO in the Google Apps admin console.

Assign an Azure AD Premium license to User1.

Create User1 and add the security assignment.

Add the Google Apps application from the gallery.

Answer Area



Answer:

Actions

Assign an Azure AD Premium license to User1.

Answer Area

Add the Google Apps application from the gallery.



Configure SSO in the Google Apps admin console.



Create User1 and add the security assignment.



Explanation:

<https://docs.microsoft.com/en-us/azure/active-directory/active-directory-saas-google-apps-tutorial>

QUESTION 290

Drag and Drop Question

A Company uses Azure to host web apps.

The company plans to deploy a new web app using a Kubernetes cluster. You create a new resource group for the cluster.

You need to deploy the application.

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

Configure the Kubernetes credentials

Answer Area

Create the Kubernetes applications



Clone the Kubernetes application



Create a container image

Create the Kubernetes cluster

Answer:

Actions

- Create the Kubernetes applications
 Clone the Kubernetes application

Answer Area

Create a container image

Create the Kubernetes cluster

Configure the Kubernetes credentials


Explanation:

<https://cloud.google.com/kubernetes-engine/docs/tutorials/hello-app>

QUESTION 291

Drag and Drop Question

A company has the following virtual machines (VMs) that run on VMware vSphere 6.5:

Name	Operating System
VM1	Windows Server 2008 R2
VM2	Windows Server 2012 R2
VM3	CentOS 7.3
VM4	Red Hat Enterprise Linux 7.3

The company plans to replicate VMs to Azure with Azure Site Recovery.

You need to determine which VMs can be replicated.

For each VM, identify whether the VM can be replicated. To answer, drag the appropriate option to each VM. Each answer may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: each correct selection is worth one point.

Answers	Answer Area	Name
Can be replicated		VM1
Cannot be replicated		VM2
		VM3
		VM4

Answer:

Answers	Answer Area	Name
Can be replicated		VM1
Cannot be replicated		VM2
		VM3
		VM4

Explanation:

<https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-support-matrix-to-azure>