

70-533 Sample Questions

Q151.

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" }],
application_impersonation	"isDisabled": PowerShell command ,
False	"origin": "Application", "permissionId": "b69ee3c9-c40d-4f2a-ac80-961cd1534e40", "resourceScopeType": " PowerShell command ",
True	"userConsentDescription": "Allow the application full access to the todo service on your behalf", "userConsentDisplayName": "Have full access to the todo service" },],
Personal	
Global	

A151.

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" }],
application_impersonation	"isDisabled": False ,
False	"origin": "Application", "permissionId": "b69ee3c9-c40d-4f2a-ac80-961cd1534e40", "resourceScopeType": " Global ",
True	"userConsentDescription": "Allow the application full access to the todo service on your behalf", "userConsentDisplayName": "Have full access to the todo service" },],
Personal	
Global	

Q152.

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.

A152.

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

Q153.

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.

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- 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:

You have to upload a .pfx file, and not a .cer file. pfx files contains the private key, while cer files contains public and private keys.

Q154.

You administer an Azure Storage account named contosostorage. The account has queues 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/\\$logs?restype=container&comp=list&prefix=queue/2014/07](http://contosostorage.queue.core.windows.net/$logs?restype=container&comp=list&prefix=queue/2014/07)
- B [http://contosostorage.queue.core.windows.net/\\$files?restype=container&comp=list&prefix=queue/2014/07](http://contosostorage.queue.core.windows.net/$files?restype=container&comp=list&prefix=queue/2014/07)
- C [http://contosostorage.blob.core.windows.net/\\$files?restype=container&comp=list&prefix=blob/2014/07](http://contosostorage.blob.core.windows.net/$files?restype=container&comp=list&prefix=blob/2014/07)
- D [http://contosostorage.blob.core.windows.net/\\$logs?restype=container&comp=list&prefix=blob/2014/07](http://contosostorage.blob.core.windows.net/$logs?restype=container&comp=list&prefix=blob/2014/07)

A154.

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- A [http://contosostorage.queue.core.windows.net/\\$logs?restype=container&comp=list&prefix=queue/2014/07](http://contosostorage.queue.core.windows.net/$logs?restype=container&comp=list&prefix=queue/2014/07)
- B [http://contosostorage.queue.core.windows.net/\\$files?restype=container&comp=list&prefix=queue/2014/07](http://contosostorage.queue.core.windows.net/$files?restype=container&comp=list&prefix=queue/2014/07)
- C [http://contosostorage.blob.core.windows.net/\\$files?restype=container&comp=list&prefix=blob/2014/07](http://contosostorage.blob.core.windows.net/$files?restype=container&comp=list&prefix=blob/2014/07)
- D [http://contosostorage.blob.core.windows.net/\\$logs?restype=container&comp=list&prefix=blob/2014/07](http://contosostorage.blob.core.windows.net/$logs?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://<accountname>.blob.core.windows.net/\$logs. This container cannot be deleted once Storage Analytics has been enabled, though its contents can be deleted.

Note: Each log will be written in the following format:
<service-name>/YYYY/MM/DD/hhmm/<counter>.log

Q155.

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

A155.

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

Failed Request Tracing is the only option that produces its output in XML files as specified in the question.

Q156.

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**

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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.

Incorrect answers:

C: The Update-Disk cmdlet updates cached information about the specified Disk object only

A: The Set-AzureRmVmOperatingSystem cmdlet sets operating system properties for a virtual machine. You can specify logon credentials, computer name, and operating system type.

D: The Update-AzureDisk cmdlet changes the label that is associated with a disk in the disk repository of the current Azure subscription.

Q157.

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,'/re-
sourceGroups/',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.

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

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▼
Yes
No

Each time the rule is triggered, a VM is [answer choice].

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Q158.

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

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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

the 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.

Q159.

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

A159.

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

Q160.

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.

A160.

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- 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: B

Explanation:

Affinity groups are no longer available in ARM mode. Regional network is the new way of doing it.

Q161.

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.

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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 VirtualPrivate 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.

Q162.

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

You need to move one of the Web Apps, named contoso, to a new web-hosting 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 code
New-AzureResource	PS C:\> \$props = @("serverfarm" = " plan1")
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	

A162.

PowerShell cmdlets	PowerShell code
New-AzureResource	PS C:\> \$props = @("serverfarm" = " plan2")
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	

Explanation:

Example:

The following command is actually a series of commands (delimited by semi-colons) that change the values of the properties in the \$p variable.

Windows PowerShell

```
PS C:\> $p.siteMode = "Basic"; $p.sku = "Basic"; $p.computeMode = "Dedicated"; $p.serverFarm = "Default2"
```

The next command uses the Set-AzureResource cmdlet to change the properties of the ContosoLabWeb2 web site. The value of the PropertyObject parameter is the \$p variable that contains the Properties object and the new values. The command saves the output (the updated resource) in the \$r2 variable.

Windows PowerShell

```
PS C:\> $r2 = Set-AzureResource -Name ContosoLabWeb2 -ResourceGroupName ContosoLabsRG -ResourceType "Microsoft.Web/sites" -ApiVersion 2014-04-01 -PropertyObject $p
```

Q163.

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**

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- B **Get-AzureVNetConnection**
- C **Get-AzureVNetGateway**
- D **Get-AzureVNetConfig**

Answer: D

Q164.

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.

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- 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

Q165.

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.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** PowerShell 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.

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- 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: A, B

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. The email domain (Contoso.com) needs to be verified in Office 365.

Q166.

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:\azuredploy.json" -e "e:\azuredploy.parameters.json"`
- B Run the following CLI command. Do not add additional switches:
`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredploy.json" -e "e:\azuredploy.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:\azuredploy.json"`
- D Run the following CLI command. Add switches to include all parameters:
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- C Run the following CLI command. Add a switch to include password parameters:
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- D Run the following CLI command. Add switches to include all parameters:
`azure group create -n "ARMBasic" -l "West US" -f "e:\azuredploy.json"`

Answer: B, D

Q167.

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.

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- 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

Q168.

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.

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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.

Q169.

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.	
Create the dynamic routing gateways.	

A169.

Action	Answer Area
Check ExpressRoute on the virtual network configuration page.	Add local networks to the VNets.
Update the connection certificate.	
Create the static routing gateways.	Create the dynamic routing gateways.
Connect the VPN gateways.	
Add local networks to the VNets.	Connect the VPN gateways.
Create the dynamic routing gateways.	

Q170.

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.

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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.
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- C Set the VNs to execute a custom extension.
- D Create a new virtual hard disk (VHD) that contains the scripts.

Answer: B

Q171.

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.

A171.

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.

Q172.

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.

A172.

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: B, D

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.

Q173.

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.

Option	Action or value
Role Assignment	<ul style="list-style-type: none">Network ContributorDNS Zone ContributorContributorWebsite Contributor
Add User to Role	<ul style="list-style-type: none">Add User1 from Azure AD.Add User1 to Group in Azure AD.Invite User1@outlook.com.Add User1@outlook.com

A173.

Role Assignment

	<ul style="list-style-type: none">Network ContributorDNS Zone ContributorContributorWebsite Contributor
--	---

Add User to Role

	<ul style="list-style-type: none">Add User1 from Azure AD.Add User1 to Group in Azure AD.Invite User1@outlook.com.Add User1@outlook.com
--	---

Q174.

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

A174.

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

Q175.

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.

A175.

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- 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:

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.

Q176.

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.

A176.

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: A, B

Explanation:

A: Step 1 section:

"diagnostics monitor is imported into a role by specifying an Import element with a module Name of "Diagnostics" in the Imports section of the service definition file"

B: Step 2 explain how to add the diagnostic file in the solution and step 3 how to configure it.

Q177.

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;"DrP06z1f00SCsomhaf+J/A==";"DrP06z1f00SCsomhaf+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;"DrP06z1f00SCsomhaf+J/A==";"DrP06z1f00SCsomhaf+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;"DrP06z1f00SCsomhaf+J/A==";"DrP06z1f00SCsomhaf+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;"DrP06z1f00SCsomhaf+J/A==";"DrP06z1f00SCsomhaf+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"

A177.

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

Answer: A

Q178.

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.

A178.

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You must meet the following requirements:

- minimize costs associated with hosting the database in Azure
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- 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

Q179.

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.

A179.

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- A Use a separate table for each date. Delete each table when it is one week old.
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- 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

Q180.

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	Value
3	
4	Value
6	
8	Value
9	
12	Value

A180.

Values	Configuration
1	Web role instances 12
3	
4	Worker role instances 9
6	
8	Upgrade domains 3
9	
12	

- 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.

Q181.

Your company network includes two branch offices. Users at the company access internal virtual machines (VMs) that are hosted in Azure.

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

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

A181.

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- 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: C, D

Explanation:

C: 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: 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.

Q182.

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 PowerShell 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

A182.

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Service1 has performance issues during heavy traffic periods.

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- 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
```

Q183.

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"/>

A183.

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"/>

- A site-to-site VPN allows you to create a secure connection between your on-premises site and your virtual network.
- A point-to-site VPN also allows you to create a secure connection to your virtual network. In a point-to-site configuration, the connection is configured individually on each client computer that you want to connect to the virtual network.
- Use a point-to-site configuration when: You want to connect to your virtual network from a remote location. For example, connecting from a coffee shop. You have a site-to-site connection, but have some clients that need to connect from a remote location.

Q184.

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.

A184.

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You control access to MyApp by using the following two Azure AD groups:

- a group named SaaSApp that contains 200 users
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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

Q185.

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.

A185.

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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

Q186.

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.	

A186.

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

Q187.

You manage two websites for your company. The sites 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 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 NodeJSContains 11GB of dataDeployed 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 4.0Contains 9GB of dataDeployed 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.

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"/>

A187.

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"/>

Site 2 contains 9 GB of data so Basic mode is enough as it provided 10 GB of data (FREE and Shared only provide 1 GB of data). Site 1 contains 11 GB of data so Standard mode is adequate as it provided 50 GB of data.

Q188.

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.

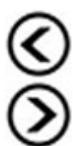
You need to create and deploy the VM.

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



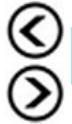
↑	
↓	

A188.

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



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.

Q189.

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.

A189.

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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

Q190.

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

A190.

Azure PowerShell cmdlets

New-AzureRmResourceGroup
New-AzureRmResourceGroupDeployment
New-AzureRmRoleAssignment
Register-AzureRmProviderFeature

Answer Area

Step	Azure PowerShell cmdlet
1	New-AzureRmResourceGroup
2	New-AzureRmResourceGroupDeployment

Q191.

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.JSContains 11Gb of dataDeployed 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 4.0Contains 9Gb of dataDeployed 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.

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"/>

A191.

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"/>

Q192.

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.

A192.

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: C, D

Q193.

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**

A193.

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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

Q194.

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 PowerShell cmdlet should you use?

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

A194.

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

Q195.

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

A195.

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.

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

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

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
```

Q196.

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"/>

A196.

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"/>

Q197.

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

A197.

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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.

Q198.

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.

A198.

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

Q199.

You have a runbook in Azure that evaluates the virtual machines (VMs) in a tenant and deallocate 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

Get-AzureRmVm
Stop-AzureRmVM
Get-AzureRmVMImage
Get-AzureAutomationRunbook
Remove-AzureRmVM
Set-AzureRmVM

Answer Area

```
InlineScript {
    $vmList = Get-AzureRmVm -ResourceGroupName $Using:vnetResourceGroup
    foreach($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
        }
    }
}
```

A199.

Azure PowerShell cmdlets

Get-AzureRmVm
Stop-AzureRmVM
Get-AzureRmVMImage
Get-AzureAutomationRunbook
Remove-AzureRmVM
Set-AzureRmVM

Answer Area

```
InlineScript {
    $vmList = Get-AzureRmVm -ResourceGroupName $Using:vnetResourceGroup
    foreach($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
        }
    }
}
```

Q200.

You manage an Azure Web App named contososite.

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

You need to use Azure PowerShell to achieve the following:

- Connect to the Contoso-Enterprise subscription.
- Create a new App Setting named IsCustom with 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 Commands

```
Set-AzureWebsite  
Get-AzurePublishSettingsFile  
Import-AzurePublishSettingsFile  
Start-AzureWebsite  
Restart-AzureWebsite  
Show-AzureWebsite
```

Solution

```
PS C:\> Azure PowerShell Command c:\Contoso\Enterprise.publishsettings  
PS C:\> Select-AzureSubscription Contoso-Enterprise  
PS C:\> $setting = @{"IsCustom" = "true"}  
PS C:\> Azure PowerShell Command contososite -AppSettings $setting  
PS C:\> Azure PowerShell Command contososite
```

A200.

Azure PowerShell Commands

```
Set-AzureWebsite  
Get-AzurePublishSettingsFile  
Import-AzurePublishSettingsFile  
Start-AzureWebsite  
Restart-AzureWebsite  
Show-AzureWebsite
```

Solution

```
PS C:\> Import-AzurePublishSettingsFile c:\Contoso\Enterprise.publishsettings  
PS C:\> Select-AzureSubscription Contoso-Enterprise  
PS C:\> $setting = @{"IsCustom" = "true"}  
PS C:\> Set-AzureWebsite contososite -AppSettings $setting  
PS C:\> Restart-AzureWebsite contososite
```

Q201.

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 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.

A201.

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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?

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- 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 CustomScriptExtension.

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.

Q202.

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.

A202.

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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: A, B

Explanation:

A: Windows Store application

"Add an application my organization is developing"

"In the Add Application Wizard, enter a Name for your application and click the Native Client Application type"

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.

Q203.

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 protocol 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

- 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 Area

-
-
-
-
-



A203.

Actions

- 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 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 user signs in.
- The web application posts a security token to the reply URL.
- The web application sets a cookie to maintain session with the user.



Q204.

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.

A204.

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: A, B

Explanation:

B: Guest OS Family 3 and Guest OS Family 4 supports .NET 4.0 and .Net 4.5.

Q205.

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

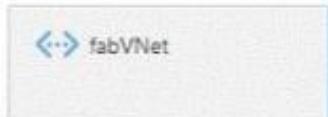
ADDRESS SPACE	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
10.0.0.0/23	10.0.0.0	/23 (507)	10.0.0.4 - 10.0.1.254
SUBNETS			
Apps	10.0.0.0	/26 (59)	10.0.0.4 - 10.0.0.62
Web	10.0.0.64	/29 (3)	10.0.0.68 - 10.0.0.70
DB	10.0.0.72	/29 (3)	10.0.0.76 - 10.0.0.78
add subnet			

[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.	

A205.

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 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.	

Q206.

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.	

A206.

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

Q207.

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:

- Display the list of current connection strings.
- 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;
- 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	

A207.

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 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	site log download salessite1

Q208.

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.

A208.

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: B, E

Q209.

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

A209.

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

Q210.

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.

A210.

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

You plan to implement a geo-redundant backup solution.

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- 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

Q211.

You manage an Azure Web App that is running in Shared plan.

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

You need to update the Web App configuration to address the performance issues as they occur.

What should you do?

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

A211.

You manage an Azure Web App that is running in Shared plan.

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

You need to update the Web App configuration to address the performance issues as they occur.

What should you do?

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

Date	Instance Count
Mar 19	1
Mar 20	1
Mar 21	1
Mar 22	1
Mar 23	1
Mar 24	1
Mar 25	1
Mar 26	1

INSTANCE COUNT 1 INSTANCES 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:

Q212.

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

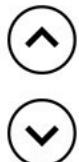
In the Details blade, select the Diagnostics title.

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 Area



A212.

Actions

In the Details blade, 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 Area

Select the VM in the Azure portal.

In the Details blade, select the Diagnostics title.

Update the value of the **Status** property to **On**.

Set a storage account and select appropriate metrics.



Q213.

You manage an application running on Azure web apps in a Standard tier. The application uses a substantial amount of large image files from a storage account 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.

What should you do?

- 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.

A213.

You manage an application running on Azure web apps in a Standard tier. The application uses a substantial amount of large image files from a storage account 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.

What should you do?

- 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.**

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.

Q214.

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.

App name **App service tier**

App1

Shared
Basic
Standard
Premium

App2

Shared
Basic
Standard
Premium

A214.

App name **App service tier**

App1

Shared
Basic
Standard
Premium

App2

Shared
Basic
Standard
Premium

Q215.

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 useazurewebsite.net.

You need to deploy the 10 websites while minimizing costs.

Which web tier plan should you recommend?

- A Free
- B Small Business
- C Standard
- D Basic

A215.

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 useazurewebsite.net.

You need to deploy the 10 websites while minimizing costs.

Which web tier plan should you recommend?

- A Free
- B Small Business
- C Standard
- D Basic

Answer: C

Explanation:

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

Q216.

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.

A216.

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.

Q217.

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

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 Area**A217.****Actions**

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 Area

Create a certificate by using the MakeCert command.

Upload a management certificate to the Azure subscription.

Use a REST interface to programmatically access the metrics of the Notification Hub.



Q218.

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.

A218.

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.

Q219.

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

- System Center 2012 R2 Virtual Machine Manager
- System Center 2012 R2 Data Protection Manager
- SQL Server 2012
- Windows Server 2012 R2 with the Hyper-V role
- 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.

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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)

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

Q220.

You manage an Azure Web App named contososite.

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

You need to use Azure PowerShell to achieve the following:

- Connect to the Contoso-Enterprise subscription.
- Create a new App Setting named **IsCustom** with 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

A220.

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

Q221.

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 PowerShell cmdlet should you use?

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

A221.

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 PowerShell cmdlet should you use?

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

Answer: E

Explanation:

The Add-AzureVhd command 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.

Q222.

You administer an Azure Web Site named contoso. You create a job named CleanLogs.cmd. You must run the job 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\CleanLogs.cmd
- C .\App_Code\jobs\continuous\cleanLogs\CleanLogs.cmd
- D .\App_Data\jobs\continuous\cleanLogs\CleanLogs.cmd

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- B .\App_Data\jobs\triggered\clean Logs\CleanLogs.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).

Q223.

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.

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- 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

Q224.

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

A224.

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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: C

Q225.

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"/>

A225.

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"/>

You can select from two types of permissions in the drop-down menus next to the desired Web API:

- Application Permissions: Your client application needs to access the Web API directly as itself (no user context). This type of permission requires administrator consent and is also not available for Native client applications.
- Delegated Permissions: Your client application needs to access the Web API as the signed-in user, but with access limited by the selected permission. This type of permission can be granted by a user unless the permission is configured as requiring administrator consent.

Q226.

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.

A226.

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

Q227.

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 the **New-AzureRMWebApp** Azure PowerShell cmdlet.
- D Run the **New-AzureRmResourceGroupDeployment** Azure PowerShell cmdlet.

A227.

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.

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What should you do?

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- B Deploy the project from Microsoft Visual Studio.
- C Run the **New-AzureRMWebApp** Azure PowerShell cmdlet.
- D Run the **New-AzureRmResourceGroupDeployment** Azure PowerShell cmdlet.

Answer: D

Q228.

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:

- disk size 500 GB
- IOPS per disk: 2000
- throughput per disk 100 MB per second
- number of highly utilized disks: 40

You need to scale the service.

What should you recommend?

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

A228.

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:

- disk size 500 GB
- IOPS per disk: 2000
- throughput per disk 100 MB per second
- number of highly utilized disks: 40

You need to scale the service.

What should you recommend?

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

Answer: B