Vendor: Microsoft

Exam Code:70-534

Exam Name: Architecting Microsoft Azure Solutions 2015

Version: Demo

QUESTION 1

You manage a virtual Windows Server 2012 web server that is hosted by an on-premises Windows Hyper-V server. You plan to use the virtual machine (VM) in Azure. You need to migrate the VM to Azure Storage to add it to your repository. Which Azure Power Shell cmdlet should you use?

A. Import-AzureVM

B. New-AzureVM

C. Add-AzureDisk

D. Add-AzureWebRole

E. Add-AzureVhd

Correct Answer: E

The Add-AzureVhd cmdlet uploads on premise Virtual hard disk (VHD) images to a blob storage account as fixed .vhd images. References: https://docs.microsoft.com/en-us/powershell/module/Azure/Add-AzureVhd?view=azuresmps-4.0.0

QUESTION 2

Your team uses a proprietary source control product. You use FTP to manually deploy an Azure website. You must move your source code from the proprietary source control product to a secure on-premises Git versioning system. Instead of deploying the website by using FTP, the website must automatically deploy to Azure each time developers check-in source files. You need to implement the new deployment strategy. 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.

Select and Place:

Actions	Answer Area
In the Azure management portal, configure websites to support deployment from the local Git repository.	
In the Azure management portal, configure websites to support deployment from external repository sources.	
In the Azure management portal, configure websites to support deployment from Microsoft Visual Studio Online.	
Commit the website to Azure.	
Create the website and add it to the local Git repository.	

Correct Answer:

Actions		Answer Area
		Create the website and add it to the local Git repository.
In the Azure management portal, configure websites to support deployment from external repository sources.		In the Azure management portal, configure websites to support deployment from the local Git repository.
In the Azure management portal, configure websites to support deployment from Microsoft Visual Studio Online.		Commit the website to Azure.

References: http://www.almguide.com/2014/01/deploying-an-azure-website-from-a-localgit-repo/

QUESTION 3

You need to recommend a business continuity and disaster recovery solution for all of the existing line of business applications. What are two ways to achieve the goal? Each correct answer presents a complete solution.

A. Create new virtual machines (VMs) in Azure and migrate the line of business applications to the VMs. Migrate any backend databases to SQL Database.

B. Migrate the virtual machines to the Hyper-V cluster and enable Hyper-V replica.

C. Configure ExpressRoute to enable migration to Azure.

D. Install the Azure Backup agent on the virtual machines.

Correct Answer: AB

https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-hyper-v-site-to-azure

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QUESTION 4

You have several virtual machines (VMs) that run in Azure. You also have a single System Center 2012 R2 Configuration Manager (SCCM) primary site on-premises. You have the following requirements:

*

 All VMs must run on the same virtual network.

*

 Network traffic must be minimized between the on-premises datacenter and Azure.

*

 The solution minimize complexity.

You need to use SCCM to collect inventory and deploy software to Azure VMs.

What should you do first?

A.

Configure client push for the Azure virtual network.

B.

Enable and configure Operations Insights in Azure.

C.

Install a cloud distribution point on an Azure VM.

D.

Install a secondary site underneath the primary site onto an Azure VM.

Correct Answer: C

Cloud-based distribution Point, a Configuration Manager Site System Role in the Cloud

Much of the Configuration Manager topology is made up of distribution points, they are very helpful in many situations where bandwidth and geographical separation are the facts of life, but also hard to manage if you have hundreds or even thousands of them.

This feature started with the vision that it makes perfect sense to have big distribution points in the Windows Azure cloud where one should not worry about things like (but not limited to) size, performance, reliability, security, access from all around the world, hardware/software update issues etc.

Note: Content management in System Center 2012 Configuration Manager provides the tools for you to manage content files for applications, packages, software updates, and operating system deployment. Configuration Manager uses distribution points to store files that are required for software to run on client computers. These distribution points function as distribution centers for the content files and let users download and run the software. Clients must have access to at least one distribution point from which they can download the files.

References: http://blogs.technet.com/b/configmgrteam/archive/2013/01/31/new-distribution- points-in-configuration- manager-sp1.aspx

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QUESTION 5

You are creating scripts to authenticate Azure monitoring tasks.

You need to authenticate according to the requirements. How should you complete the relevant Azure PowerShell script?

Develop the solution by selecting and arranging the required Azure PowerShell commands in the correct order. NOTE: You will not need all of the Azure PowerShell commands.

Select and Place:

Actions

Add-AzureAccount-Credential $credential
Select-AzureSubscription -SubscriptionName $subscription
Get-AzureAccount -Name $name
$credential = Get-AutomationPSCredential -Name $name
$credential = New-Object -TypeName System.Management.Automation.PSCredential -ArgumentList $username, $password
Get-AzureSubscription -Subscription-Name $subscription

Answer Area

Correct Answer:

Actions

Get-AzureAccount -Name $name	
$credential = Get-AutomationPSCredential -Name $name	
Get-AzureSubscription -Subscription-Name $subscription	

Answer Area

$credential = New-Object -TypeName System.Management.Automation.PSCredential -ArgumentList $username, $password

Add-AzureAccount -Credential $credential

Select-AzureSubscription -SubscriptionName $subscription

From Scenario: Permissions must be assigned by using Role Based Access Control (RBAC).

The following cmdlet is used to sign-in to Azure: Add-AzureAccount If necessary, the following Azure cmdlets can be used to select the desired subscription:

Get-AzureSubscription

Select-AzureSubscription -SubscriptionName "SomeSubscription"

Set-AzureSubscription -SubscriptionName "SomeSubscription " ` `

References: https://blogs.msdn.microsoft.com/cloud_solution_architect/2015/05/14/usinga-service-principal-for-azure-powershell-authentication/

QUESTION 6

You have a WebJob object that runs as part of an Azure website. The WebJob object uses features from the Azure SDK for .NET.

You use a well-formed but invalid storage key to create the storage account that you pass into the UploadDataToAzureStorage method.

The WebJob object contains the following code segment. Line numbers are included for reference only.

```
01 void UploadDataToAzureStorage(CloudStorageAccount storageAccount,
   string storageContainerName, string blobpath, string localpath)
02 {
03    var blobClient = storageAccount.CreateCloudBlobClient();
04    var container = blobClient.GetContainerReference(storageContainerName);
05    CloudBlockBlob blockBlob = container.GetBlockBlobReference(blobpath);
06    blockBlob.UploadFromFile(localpath, FileMode.Open);
07 }
```

Hot Area:

Answer Area

	Yes	No
If the storage container does not already exist when the code runs, a file can still be uploaded successfully.	○	○
If a transient fault occurs when the code segment on line 06 runs, the Azure SDK will attempt to upload the file again.	○	○
The code segment at line 06 will fail when the code runs.	○	○

Correct Answer:

Answer Area

	Yes	No
If the storage container does not already exist when the code runs, a file can still be uploaded successfully.	○	○ (selected)
If a transient fault occurs when the code segment on line 06 runs, the Azure SDK will attempt to upload the file again.	○ (selected)	○
The code segment at line 06 will fail when the code runs.	○ (selected)	○

For blob storage, there is a retry policy implemented by default, so if you do nothing, it will do what's called exponential retries. It will fail, then wait a bit of time and try again; if it fails again, it will wait a little longer and try again, until it hits the

maximum retry count.

References: https://www.simple-talk.com/cloud/platform-as-a-service/azure-blob-storagepart-3-using-the-storage-client-library/

QUESTION 7

You work for a company named Contoso, Ltd. The network contains an on premises Active Directory domain that has

Active Directory Federation Services (AD FS). Contoso uses an internally developed claims App1. You implement directory synchronization with Azure Active Directory (Azure AD).

You need to recommend which configuration should be performed to Single-Sign-On to App1 to authenticated by Azure AD. Which two configuration should you include in the recommendation?

A. Azure AD as claims provided trust

B. App1 as a claims provider

C. Azure AD as relying party trust

D. App1 as relying party trust

Correct Answer: BC

QUESTION 8

You design an Azure web application. The web application is accessible by default as a standard cloudapp.net URL.

You need to recommend DNS resource record types that allow you to configure access to the web application by using a custom domain name.

Which two DNS record types should you recommend?

A. SRV

B. CNAME

C. MX

D. A

Correct Answer: BD

QUESTION 9

You need to prepare the implementation of data storage for the contractor information app. What should you?

A. Create a storage account and implement multiple data partitions.

B. Create a Cloud Service and a Mobile Service. Implement Entity Group transactions.

C. Create a Cloud Service and a Deployment group. Implement Entity Group transactions.

D. Create a Deployment group and a Mobile Service. Implement multiple data partitions.

Correct Answer: B

*

 Scenario:

/ VanArsdel needs a solution to reduce the number of operations on the contractor information table. Currently, data transfer rates are excessive, and queue length for read/write operations affects performance.

/ A mobile service that is used to access contractor information must have automatically scalable, structured storage

*

 The basic unit of deployment and scale in Azure is the Cloud Service. References: https://msdn.microsoft.com/en-us/library/azure/dd894038.aspx

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QUESTION 10

You need to support web and mobile application secure logons. Which technology should you use?

A. Azure Active Directory B2B

B. OAuth 1.0

C. LDAP

D. Azure Active Directory B2C

Correct Answer: D

QUESTION 11

You need to recommend a solution that meets the requirements for data storage for the NorthRide app. What should you include in the recommendation?

A. Azure Remote App

B. Azure Service Bus

C. Azure Connect

D. Azure SQL Database

Correct Answer: B

Service Bus queues are part of a broader Azure messaging infrastructure that supports queuing as well as publish/subscribe, Web service remoting, and integration patterns. Service Bus Queue support Push-style API (while Azure Queue messaging does not).

References: https://msdn.microsoft.com/en-us/library/azure/hh767287.aspx

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QUESTION 12

You are designing an Azure web application. The solution will be used by multiple customers. Each customer has different business logic and user interface requirements. Not all customers use the same version of the .NET runtime. You need to recommend a deployment strategy.

What should you recommend?

A. Deploy with multiple web role instances.

B. Deploy each application in a separate tenant.

C. Deploy all applications in one tenant.

D. Deploy with multiple worker role instances.

Correct Answer: B

There are two types of tenant environments. The simplest type is a single-tenant application where one customer has 100% dedicated access to an application\\'s process space. A single Tenant Applications has a separate, logical instance of the application for each customer or client. A single tenant application is much more predictable and stable by its nature since there will never be more than one dedicated customer at any point in time in that VM. That customer has all of its users accessing that dedicated instance of the application.

References: http://sanganakauthority.blogspot.in/2011/12/multi-tenancy-and-windows- azure.html

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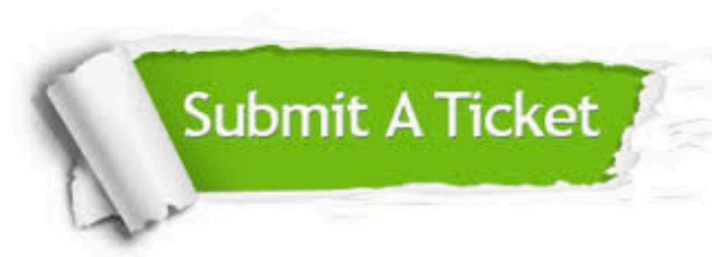
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