

Vendor: Microsoft

Exam Code:70-533

Exam Name:Implementing Microsoft Azure

Infrastructure Solutions

Version: Demo

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. Run the Test-AzureRmVMAEMExtention Azure PowerShell cmdlet.
- C. Run the Add- AzureRmVMSshPublicKey Azure PowerShell cmdlet.
- D. Create a security policy from the Azure Security Manager.

Correct Answer: A

References: https://docs.microsoft.com/en-us/powershell/module/azurerm.compute/set-azurermvmdiskencryptionextension?view=azurermps-4.4.1

QUESTION 2

You manage an Azure Active Directory (AD) tenant

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

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

You need to add the application to Azure AD.

Which type of application should you add?

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

Correct Answer: D

Configuring password-based single sign-on enables the users in your organization to be automatically signed in to a third-party SaaS application by Azure AD using the user account information from the third-party SaaS application. When

you enable this feature, Azure AD collects and securely stores the user account information and the related password.

https://azure.microsoft.com/en-gb/documentation/articles/active-directory-appssoaccess-whatis/

You administer an Azure Web Site named contoso. The development team has implemented changes to the website that need to be validated.

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

What should you do first?

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

Correct Answer: D

The deployment slots feature for Azure Websites allows validating a version of your site with full content and configuration updates on the target platform before directing customer traffic to this version. The expectation is that a deployment slot would be fully configured in the desired target format before performing a swap. http://stackoverflow.com/questions/24186809/connection-strings-are-replaced-when-performing-azure-web-site-staging-swap

QUESTION 4

HOTSPOT

You manage two cloud services named Service1 and Service2. The development team updates the code for each application and notifies you that the services are packaged and ready for deployment.

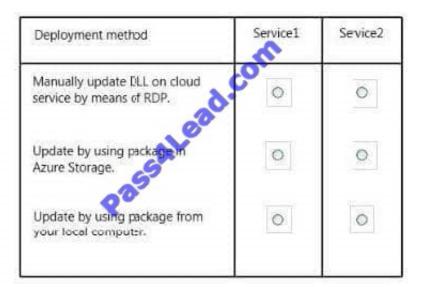
Each cloud service has specific requirements for deployment according to the following table.

Name	Deployment requirements			
Service1	You must be able to redeploy the service using a previous package. The package must be retained for disaster recovery purposes.			
Service2	 Maintaining the existing service package is not required. 			

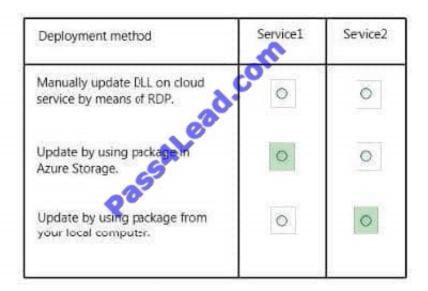
In the table below, identify the deployment method for each service. Make only one selection in each column.

Hot Area:

Answer Area



Answer Area



Service 1

As the package must be retained we should deploy it through the Azure Storage cloud.

Service 2

As maintaining the existing storage package is not required we can deploy the package locally.

*Azure service package

Whenever you want to deploy your application to a Cloud Service you'll be creating a Service Package and upload it,

together with the Service Configuration to a deployment in a Cloud Service. These two artifacts are what makes up a Cloud Service deployment.

QUESTION 5

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.

Correct Answer: D

The data in your Microsoft Azure storage account is always replicated to ensure durability and high availability. Azure Storage replication copies your data so that it is protected from planned and unplanned events ranging from transient

hardware failures, network or power outages, massive natural disasters, and so on. You can choose to replicate your data within the same data center, across zonal data centers within the same region, and even across regions.

When you create a storage account, you can select one of the following replication options:

Locally redundant storage (LRS)

Zone-redundant storage (ZRS)

Geo-redundant storage (GRS)

Read-access geo-redundant storage (RA-GRS)

The following table provides a quick overview of the scope of durability and availability that each replication strategy will provide you for a given type of event (or event of similar impact).

Scenario	LRS	ZRS	GRS	RA-GRS	
Node	Yes	Yes	Yes	Yes	
unavailability					
within a data			Oliv		
center			ead.com		
An entire data	No	Yes	Yes	Yes	
center (zonal or					
non-zonal)		G			
becomes		5			
unavailable		60			
A region-wide	No	No	Yes	Yes	
outage					

References: https://docs.microsoft.com/en-us/azure/storage/storage-redundancy#geo-redundant-storage

QUESTION 6

Your company has a main office and several branch offices. You create an Azure subscription and you deploy several virtual machines. The virtual machines are located in multiple subnets. You need to provide remote access to the virtual machines to five users in each office by using a VPN connection. The remote access connections will not require a VPN device nor a public-facing IP address in order to work. Which three actions should you perform in sequence before you download the VPN client on each computer? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Create a site-to-site VPN.

Generate a self-signed root certificate and upload the certificate to Azure.

Create a point-to-site VPN.

Generate a self-signed computer certificate for each client computer and install the respective certificate on each client computer.

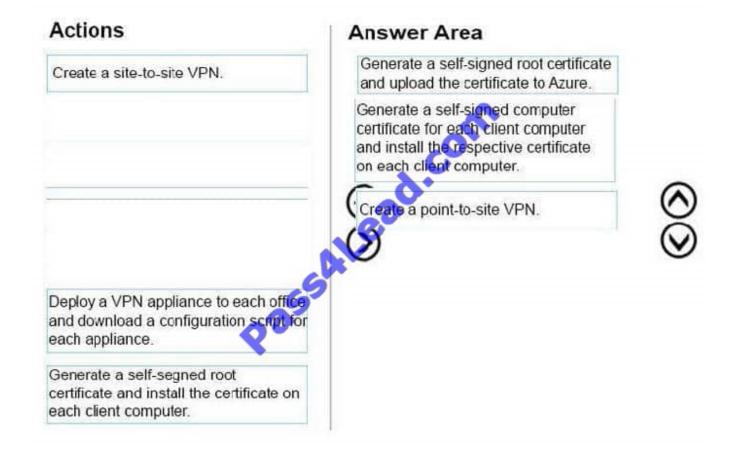
Deploy a VPN appliance to each office and download a configuration script for each appliance.

Generate a self-segned root certificate and install the certificate on each client computer.

Answer Area







DRAG DROP Your company network includes a single forest with multiple domains. You plan to migrate from On-Premises Exchange to Exchange Online. You want to provision the On-Premises Windows Active Directory (AD) and Azure Active Directory (Azure AD) service accounts. You need to set the required permissions for the Azure AD service account. Which settings should you use? To answer, drag the appropriate permission to the service account. Each permission may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:



Correct Answer:



Box 1: Enterprise Admin Box 2: Global Admin When you run the Directory Sync tool Configuration Wizard, you must provide the following information: References: https://support.microsoft.com/kb/2684395?wa=wsignin1.0

QUESTION 8

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

Correct Answer: B

QUESTION 9

DRAG DROP

You have a virtual machine (VM) that runs in Azure. The VM is located in a geographically distant location from you.

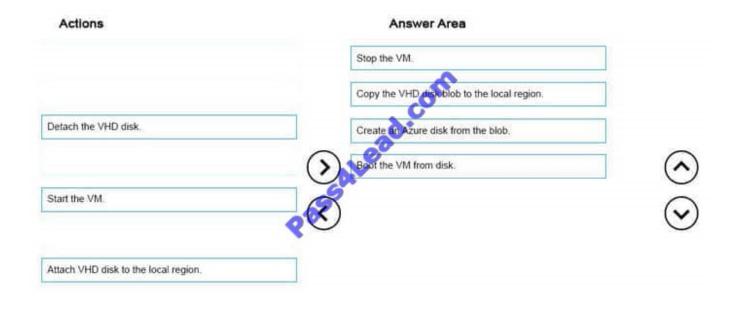
You experience performance issues when you connect to the VM.

You need to resolve the performance issue.

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

Select and Place:





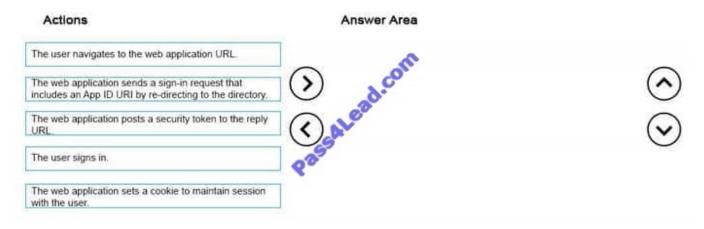
An organization has several web applications and uses Azure Active Directory (Azure AD).

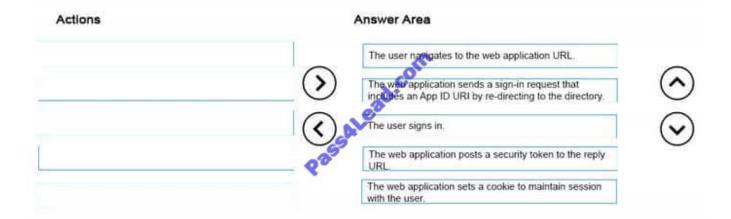
You are developing a new web application that supports sign-on using the WS-Federation to Azure AD.

You need to describe the authentication process flow to your team.

In which order are the actions performed? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order

Select and Place:





References: https://azure.microsoft.com/en-gb/documentation/articles/active-directory-authenticationscenarios/

QUESTION 11

HOTSPOT

You manage an Azure subscription for your company. You plan to implement an application in Azure that consists of a web tier and a data tier.

The application has the following requirements:

Be available even if a single virtual machine (VM) becomes unavailable.

Remain available during Microsoft planned maintenance events.

Verify the health of the VMs before a connection to a VM is established.

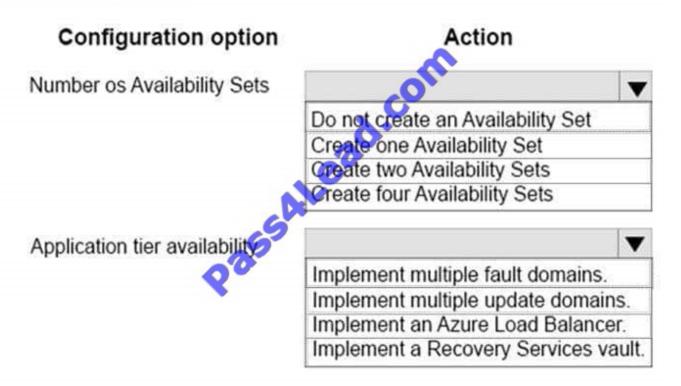
You need to configure the environment.

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

NOTE: Each correct selection is worth one point.

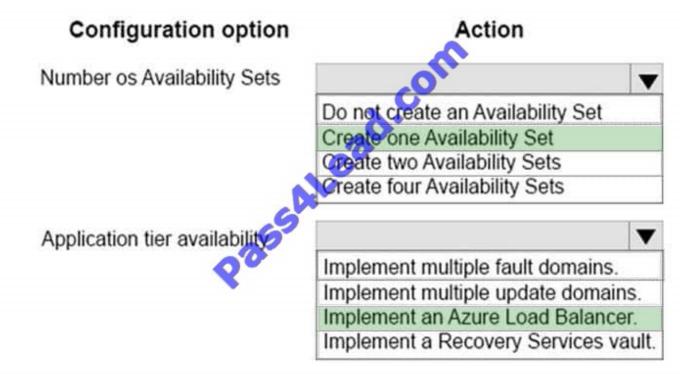
Hot Area:

Answer Area



Correct Answer:

Answer Area



To provide redundancy to your application, we recommend that you group two or more virtual machines in an availability set. This configuration within a datacenter ensures that during either a planned or unplanned maintenance event, at least one virtual machine is available and meets the 99.95% Azure SLA

References: https://docs.microsoft.com/en-us/azure/architecture/guide/architecture-styles/n-tier https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability

QUESTION 12

DRAG DROP

You manage virtual machines (VMs) that have been deployed in Azure.

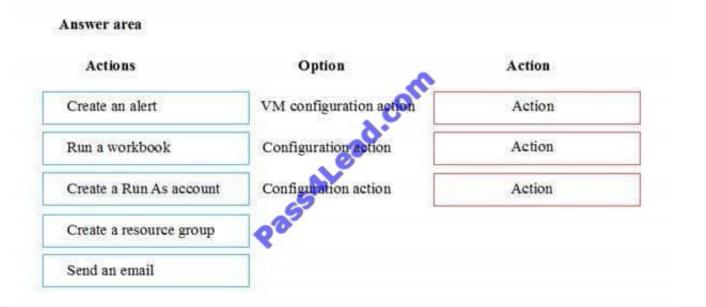
An application that runs on a VM has a memory leak. When memory usage exceeds 80 percent, multiple services must be restarted.

You need to automate the VM maintenance.

What should you do? To answer, drag the appropriate actions to the correct options. Each action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:



Actions	Option	Action
	VM configuration action	Create an alert
	Configuration action	Create a Run As account
	Configuration action	Run a workbook
Create a resource group	205	

References: https://docs.microsoft.com/en-us/azure/automation/automation-create-alert-triggered-runbook

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