

Microsoft Azure Fundamentals v1.0 (AZ-900)

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Total 154 questions



Question 1



Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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

You have an Azure environment.

You need to create a new Azure virtual machine from an Android laptop.

Solution: You use Bash in Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

Expose Correct Answer

Answer : **B**

Reference:

<https://www.thomasmaurer.ch/2019/01/azure-cloud-shell/>

<https://www.pcmag.com/encyclopedia/term/66542/android-laptop>

Next Question

Question 2



HOTSPOT -





You plan to create an Azure virtual machine.

You need to identify which storage service must be used to store the data disks of the virtual machine.

What should you identify? To answer, select the appropriate service in the answer area.

Hot Area:

Answer Area

 Blob REST-based object storage for unstructured data Explore data using OAuth preview Learn more	 Files File shares that use the standard SMB 3.0 protocol Learn more
 Tables Tabular data storage Learn more	 Queues Effectively scale apps according to traffic Explore data using OAuth preview Learn more

Expose Correct Answer

Answer :

Answer Area

Blobs
REST-based object storage for unstructured data
[Explore data using OAuth preview](#)
[Learn more](#)

Files
File shares that use the standard SMB 3.0 protocol
[Learn more](#)

Tables
Tabular data storage
[Learn more](#)

Queues
Effectively scale apps according to traffic
[Explore data using OAuth preview](#)
[Learn more](#)

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/managed-disks-overview>

Next Question

Question 3



Your company plans to move several servers to Azure.

The company's compliance policy states that a server named FinServer must be on a separate network segment.

You are evaluating which Azure services can be used to meet the compliance policy requirements.

Which Azure solution should you recommend?

- A. a resource group for FinServer and another resource group for all the other servers
- B. a virtual network for FinServer and another virtual network for all the other servers
- C. a VPN for FinServer and a virtual network gateway for each other server
- D. one resource group for all the servers and a resource lock for FinServer

Expose Correct Answer

Answer : **B**

References:

<https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-vnet-plan-design-arm>

Next Question

Question 4



You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive. What should you create?

- A. an Azure SQL database
- B. a virtual machine data disk
- C. a Files service in a storage account
- D. a Blobs service in a storage account

Expose Correct Answer

Answer : **C**

Next Question

Question 5



HOTSPOT -

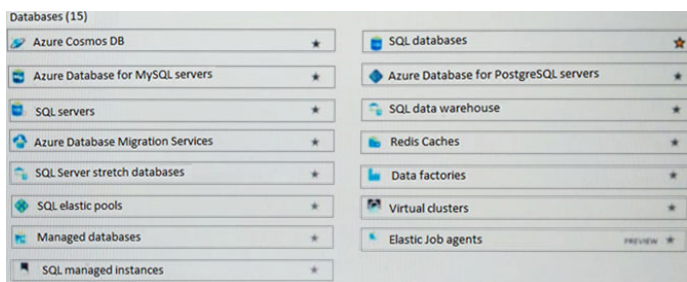
You plan to implement an Azure database solution.

You need to implement a database solution that meets the following requirements:

- > Can add data concurrently from multiple regions
- > Can store JSON documents

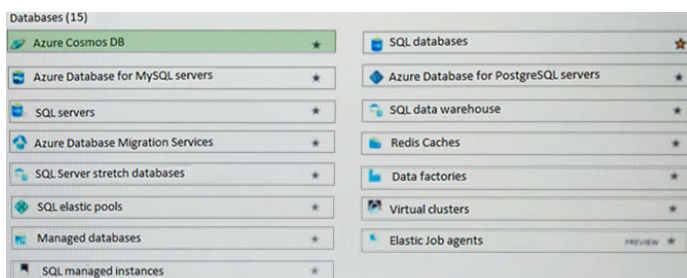
Which database service should you deploy? To answer, select the appropriate service in the answer area.

Hot Area:



Expose Correct Answer

Answer :



References:

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-integrate-store-unstructured-data-cosmosdb?tabs=csharp>

Next Question

Question 6



Your company plans to migrate all its network resources to Azure.
You need to start the planning process by exploring Azure.
What should you create first?

- A.** a subscription
- B.** a resource group
- C.** a virtual network
- D.** a management group

Expose Correct Answer

Answer : **A**

Next Question

Question 7



You have an on-premises application that sends email notifications automatically based on a rule.
You plan to migrate the application to Azure.
You need to recommend a serverless computing solution for the application.
What should you include in the recommendation?

- A.** a web app
- B.** a server image in Azure Marketplace
- C.** a logic app
- D.** an API app

Expose Correct Answer

Answer : **C**

Next Question

Question 8



You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files.

You need to recommend which Azure feature must be used to provide the best video playback experience. What should you recommend?

- A. an application gateway
- B. an Azure ExpressRoute circuit
- C. a content delivery network (CDN)
- D. an Azure Traffic Manager profile

Expose Correct Answer

Answer : **C**

Next Question

Question 9



Your company plans to deploy several million sensors that will upload data to Azure.

You need to identify which Azure resources must be created to support the planned solution.

Which two Azure resources should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure Data Lake
- B. Azure Queue storage
- C. Azure File Storage
- D. Azure IoT Hub
- E. Azure Notification Hubs

Expose Correct Answer

Answer : **BD**

Next Question

Question 10



You have an Azure web app.

You need to manage the settings of the web app from an iPhone.

What are two Azure management tools that you can use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure CLI
- B. the Azure portal
- C. Azure Cloud Shell
- D. Windows PowerShell
- E. Azure Storage Explorer

Expose Correct Answer

Answer : **AC**

References:

<https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-macos?view=azure-cli-latest>

<http://www.deployazure.com/management/managing-azure-from-ipad/>

Next Question

Question 11



This question requires that you evaluate the underlined text to determine if it is correct.

You have an application that is comprised of an Azure web app that has a Service Level Agreement (SLA) of 99.95 percent and an Azure SQL database that has an SLA of 99.99 percent.

The composite SLA for the application is the product of both SLAs, which equals 99.94 percent.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. the lowest SLA associated to the application, which is 99.95 percent
- C. the highest SLA associated to the application, which is 99.99 percent
- D. the difference between the two SLAs, which is 0.05 percent

Expose Correct Answer

Answer : **A**

References:

<https://docs.microsoft.com/en-us/azure/architecture/reliability/requirements#understand-service-level-agreements>

Question 12



HOTSPOT -

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes

No

All the Azure resources deployed to a single resource group must share the same Azure region.

☐☐

If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

☐☐

If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions.

☐☐

Expose Correct Answer

Answer :

Answer Area

Statements

Yes

No

All the Azure resources deployed to a single resource group must share the same Azure region.

☐☒

If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

☐☒

If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions.

☒☐

Next Question

Question 13



Your company plans to deploy an Artificial Intelligence (AI) solution in Azure.

What should the company use to build, test, and deploy predictive analytics solutions?

A. Azure Logic Apps

- B.** Azure Machine Learning Studio
- C.** Azure Batch
- D.** Azure Cosmos DB

Expose Correct Answer

Answer : **B**

Next Question

Question 14



This question requires that you evaluate the underlined text to determine if it is correct.

Data that is stored in the Archive access tier of an Azure Storage account can be accessed at any time by using azcopy.exe.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A.** No change is needed.
- B.** can only be read by using Azure Backup
- C.** must be restored before the data can be accessed
- D.** must be rehydrated before the data can be accessed

Expose Correct Answer

Answer : **D**

Next Question

Question 15



HOTSPOT -

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input type="radio"/>

Expose Correct Answer

Answer :

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>

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