

# Microsoft

## Exam Questions AZ-900

Microsoft Azure Fundamentals



#### NEW QUESTION 1

To what should an application connect to retrieve security tokens?

- A. an Azure Storage account
- B. Azure Active Directory (Azure AD)
- C. a certificate store
- D. an Azure key vault

**Answer: B**

#### Explanation:

Section: Understand Security, Privacy, Compliance and Trust

#### NEW QUESTION 2

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

You have several virtual machines in an Azure subscription. You create a new subscription. The virtual machines cannot be moved to the new subscription.

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 virtual machines can be moved to the new subscription
- C. The virtual machines can be moved to the new subscription only if they are all in the same resource group
- D. The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

**Answer: B**

#### Explanation:

Section: Understand Azure Pricing and Support

#### NEW QUESTION 3

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.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Basic support plan. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

#### Explanation:

Section: Understand Azure Pricing and Support

References:

<https://azure.microsoft.com/en-gb/support/plans/>

#### NEW QUESTION 4

Your company plans to deploy several web servers and several database servers to Azure.

You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers.

What should you include in the recommendation?

- A. network security groups (NSGs)
- B. Azure Service Bus
- C. a local network gateway
- D. a route filter

**Answer: A**

#### Explanation:

Section: Understand Security, Privacy, Compliance and Trust

#### NEW QUESTION 5

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.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify a DDoS protection plan.

Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

Section: Understand Security, Privacy, Compliance and Trust

**NEW QUESTION 6**

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.

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Linux and has the Azure CLI tools installed. Does this meet the goal?

- A. Yes
- B. No

**Answer: B**

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 7**

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

**Answer: B**

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 8**

Several support engineers plan to manage Azure by using the computers shown in the following table:

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer.

What should you identify for each computer? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Computer1:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

Computer2:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

Computer3:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

References:

<https://buildazure.com/2016/08/18/powershell-now-open-source-and-cross-platform-linux-macos-windows/>

**NEW QUESTION 9**

Match the Azure service to the correct definition.

Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

**Answer Options**

**Answer Area**

Azure Advisor		An integrated solution for the deployment of code
Azure Cognitive Services		A tool that provides guidance and recommendations to improve an Azure environment
Azure Application Insights		A simplified tool to build intelligent Artificial Intelligence (AI) applications
Azure DevOps		Monitors web applications

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 10**

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

NOTE: Each correct selection is worth one point.

<b>Statements</b>	<b>Yes</b>	<b>No</b>
Most Azure services are introduced in private preview before being introduced in public preview, and then in general availability.	<input type="radio"/>	<input type="radio"/>
Azure services in public preview can be managed only by using the Azure CLI.	<input type="radio"/>	<input type="radio"/>
The cost of an Azure service in private preview decreases when the service becomes generally available.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Azure Pricing and Support

**NEW QUESTION 10**

Your company has several business units.

Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources.

You need to recommend a solution to automate the creation of the Azure resources. What should you include in the recommendations?

- A. Azure Resource Manager templates
- B. virtual machine scale sets
- C. the Azure API Management service
- D. management groups

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 11**

Match the term to the correct definition.

Instructions: To answer, drag the appropriate term from the column on the left to its description on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Azure Government		An organization that defines international standards across all industries.
GDPR		An organization that defines standards used by the United States government.
ISO		A European policy that regulates data privacy and data protection.
NIST		A dedicated public cloud for federal and state agencies in the United States.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Security, Privacy, Compliance and Trust

**NEW QUESTION 16**

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

Azure policies provide a common platform for deploying objects to a cloud infrastructure and for implementing consistency across the Azure environment.

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. Resource groups provide
- C. Azure Resource Manager provides
- D. Management groups provide

**Answer:** C

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 19**

Which Azure service should you use to correlate events from multiple resources into a centralized repository?

- A. Azure Event Hubs
- B. Azure Analysis Services
- C. Azure Monitor

D. Azure Log Analytics

**Answer:** D

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 23**

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.

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell. Does this meet the goal?

- A. Yes
- B. No

**Answer:** B

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 24**

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.

Databases (15)

The screenshot shows a list of 15 database services in the Azure portal. The services are arranged in two columns. The first column includes: Azure Cosmos DB, Azure Database for MySQL servers, SQL servers, Azure Database Migration Services, SQL Server stretch databases, SQL elastic pools, Managed databases, and SQL managed instances. The second column includes: SQL databases, Azure Database for PostgreSQL servers, SQL data warehouse, Redis Caches, Data factories, Virtual clusters, and Elastic Job agents. Each service has a star icon on the right side.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

References:

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

**NEW QUESTION 27**

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

An organization that hosts its infrastructure in a private cloud can decommission its data center.

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. in a hybrid cloud
- C. in the public cloud
- D. on a Hyper-V host

**Answer:** C

**NEW QUESTION 31**

You have an Azure environment that contains 10 virtual networks and 100 virtual machines. You need to limit the amount of inbound traffic to all the Azure virtual networks.

What should you create?

- A. one network security group (NSG)
- B. 10 virtual network gateways
- C. 10 Azure ExpressRoute circuits
- D. one Azure firewall

**Answer:** D

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 36**

You have an on-premises network that contains several servers. You plan to migrate all the servers to Azure.

You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period.

What should you include in the recommendation?

- A. fault tolerance
- B. elasticity
- C. scalability
- D. low latency

**Answer:** A

**NEW QUESTION 41**

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	<input type="radio"/>	<input type="radio"/>
Two Azure subscriptions can be merged into a single subscription by creating a support request.	<input type="radio"/>	<input type="radio"/>
A company can store resources in multiple subscriptions.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Azure Pricing and Support

**NEW QUESTION 44**

Match the Azure service to the correct definition.

Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

**Answer Options**

**Answer Area**

Azure Databricks	<input type="checkbox"/>	Provides the platform for serverless code
Azure Functions	<input type="checkbox"/>	A big data analysis service for machine learning
Azure App Service	<input type="checkbox"/>	Detects and diagnoses anomalies in web apps
Azure Application Insights	<input type="checkbox"/>	Hosts web app

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 48**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth one point.

Statements	Yes	No
All the Azure resources deployed to a single resource group must share the same Azure region.	<input type="radio"/>	<input type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input type="radio"/>
If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Section: Understand Core Azure Services

**NEW QUESTION 50**

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. Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify an Azure Traffic Manager profile. Does this meet the goal?

- A. Yes

B. No

**Answer:** B

**Explanation:**

Section: Understand Security, Privacy, Compliance and Trust

**NEW QUESTION 51**

Your network contains an Active Directory forest. The forest contains 5,000 user accounts.

Your company plans to migrate all network resources to Azure and to decommission the on-premises data center.

You need to recommend a solution to minimize the impact on users after the planned migration. What should you recommend?

- A. Implement Azure Multi-Factor Authentication (MFA)
- B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)
- C. Instruct all users to change their password
- D. Create a guest user account in Azure Active Directory (Azure AD) for each user

**Answer:** B

**Explanation:**

Section: Understand Security, Privacy, Compliance and Trust

**NEW QUESTION 53**

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