

# 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 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 4

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 Premier support plan. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

#### Explanation:

Section: Understand Azure Pricing and Support

References:

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

#### NEW QUESTION 5

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 6

What is required to use Azure Cost Management?

- A. a Dev/Test subscription
- B. Software Assurance
- C. an Enterprise Agreement (EA)
- D. a pay-as-you-go subscription

Answer: C

Explanation:

Section: Understand Azure Pricing and Support

References:

<https://docs.microsoft.com/en-gb/azure/cost-management/overview-cost-mgt>

NEW QUESTION 7

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

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

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

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 8

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Section: Understand Core Azure Services

NEW QUESTION 9

You plan to deploy a critical line-of-business application to Azure. The application will run on an Azure virtual machine. You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent. What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Minimum number of virtual machines:

1

2

3

✓

Minimum number of availability zones:

1

2

3

✓

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
References:  
<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>  
Section: Understand Core Azure Services  
References:  
<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

NEW QUESTION 10

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 Standard support plan. Does this meet the goal?

- A. Yes
- B. No

Answer: A

**Explanation:**  
Section: Understand Azure Pricing and Support  
References:  
<https://azure.microsoft.com/en-gb/support/plans/>

NEW QUESTION 10

This question requires that you evaluate the underlined text to determine if it is correct. Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions. 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. Management groups
- C. Azure policies
- D. Azure App Service plans

Answer: C

**Explanation:**  
Section: Understand Security, Privacy, Compliance and Trust

NEW QUESTION 12

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 17

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 18**  
 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)

 Azure Cosmos DB	 SQL databases
 Azure Database for MySQL servers	 Azure Database for PostgreSQL servers
 SQL servers	 SQL data warehouse
 Azure Database Migration Services	 Redis Caches
 SQL Server stretch databases	 Data factories
 SQL elastic pools	 Virtual clusters
 Managed databases	 Elastic Job agents
 SQL managed instances	

- 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 23**  
 This question requires that you evaluate the underlined text to determine if it is correct.  
 When you are implementing a software as a service (SaaS) solution, you are responsible for configuring high availability.  
 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. defining scalability rules
- C. installing the SaaS solution
- D. configuring the SaaS solution

**Answer:** D

**NEW QUESTION 28**  
 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 31**  
 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 firewall. Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:  
Section: Understand Security, Privacy, Compliance and Trust

NEW QUESTION 33  
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 34  
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.



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"/>

- 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 36

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

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**  
Section: Understand Core Azure Services

NEW QUESTION 37

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
To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.	<input type="radio"/>	<input type="radio"/>
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	<input type="radio"/>	<input type="radio"/>
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:  
Section: Understand Security, Privacy, Compliance and Trust

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
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 45  
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 48**

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 50**

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