

# Microsoft


## Exam Questions AZ-900

Microsoft Azure Fundamentals





### NEW QUESTION 1


You create a resource group named RG1 in Azure Resource Manager. You need to prevent the deletion of the resources in RG1. Which setting should you use? To answer, select the appropriate setting in the answer area.





**RG1**  
**Resource group**

 Overview


 Activity log


 Access control (IAM)


 Tags


 Events


**Settings**


 Quickstart


 Resource costs

 Deployments


 Policies


 Properties


 Locks


 Automation script


**Monitoring**

 Insights (preview)


 Alerts

 Metrics

 Diagnostic settings

 Advisor recommendations

**Support + troubleshooting**

 New support request

**Answer:**

**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

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 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

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

**Answer:** C

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

**NEW QUESTION 7**

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 8**

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

Your Azure trial account expired last week. You are now unable to create additional Azure Active Directory (Azure AD) user accounts.

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. start an existing Azure virtual machine
- C. access your data stored in Azure
- D. access the Azure portal

**Answer:** C

**Explanation:** Section: Understand Azure Pricing and Support

**NEW QUESTION 9**

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
Azure provides flexibility between capital expenditure (CapEx) and operational exponditure (OpEx).	<input type="radio"/>	<input type="radio"/>
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	<input type="radio"/>	<input type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	<input type="radio"/>	<input type="radio"/>

**Answer:**

**Explanation:**



Statements	Yes	No
Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx).	<input checked="" type="radio"/>	<input type="radio"/>
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	<input type="radio"/>	<input checked="" type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

**NEW QUESTION 10**  
 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	<input type="text"/> An integrated solution for the deployment of code
Azure Cognitive Services	<input type="text"/> A tool that provides guidance and recommendations to improve an Azure environment
Azure Application Insights	<input type="text"/> A simplified tool to build intelligent Artificial Intelligence (AI) applications
Azure DevOps	<input type="text"/> Monitors web applications

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

**NEW QUESTION 10**  
 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	

Answer:

**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 14**  
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
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"/>

Answer:

**Explanation:** Section: Understand Azure Pricing and Support

**NEW QUESTION 16**

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 18

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 22

What are two characteristics of the public cloud? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. dedicated hardware
- B. unsecured connections
- C. limited storage
- D. metered pricing
- E. self-service management

**Answer:** DE

#### NEW QUESTION 25

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.

**Answer:**

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



#### NEW QUESTION 27

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 29

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 macOS and has PowerShell Core 6.0 installed. Does this meet the goal?

- A. Yes
- B. No

**Answer:** A

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

#### NEW QUESTION 33
















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	

**Answer:**

**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 34

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 39

You need to ensure that when Azure Active Directory (Azure AD) users connect to Azure AD from the Internet by using an anonymous IP address, the users are prompted automatically to change their password.  
Which Azure service should you use?

- A. Azure AD Connect Health
- B. Azure AD Privileged Identity Management
- C. Azure Advanced Threat Protection (ATP)
- D. Azure AD Identity Protection

**Answer:** D

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

References:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

#### NEW QUESTION 44

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 47

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 49

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 54

Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. a Canadian government contractor
- B. a European government contractor
- C. a United States government entity
- D. a United States government contractor
- E. a European government entity

**Answer:** CD

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

References:

<https://docs.microsoft.com/en-us/learn/modules/intro-to-azure-government/2-what-is-azure-government>

NEW QUESTION 55

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"/>

Answer:

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

NEW QUESTION 57

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"/>

Answer:

Explanation: Section: Understand Core Azure Services

NEW QUESTION 59

You need to view a list of planned maintenance events that can affect the availability of an Azure subscription. Which blade should you use from the Azure portal?  
To answer, select the appropriate blade in the answer area.



**Answer:**

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

#### NEW QUESTION 63

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 68

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