

- **Vendor: Microsoft**
- **Exam Code: AZ-900**
- **Exam Name: Microsoft Azure Fundamentals**
- **Part of New Questions from [PassLeader](#) (Updated in [Feb/2021](#))**

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**NEW QUESTION 281**

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system. What are three possible solutions? (Each correct answer presents a complete solution. Choose three.)

- A. Use Bash in Azure Cloud Shell.
- B. Use PowerShell in Azure Cloud Shell.
- C. Use the PowerApps portal.
- D. Use the Security & Compliance admin center.
- E. Use the Azure portal.

Answer: ABE

Explanation:

The Android tablet device will have a web browser (Chrome). That's enough to connect to the Azure portal. The Azure portal offers three ways to create a VM:

- Using the graphical portal.
- Using the Azure Cloud Shell using Bash.
- Using the Azure Cloud Shell using PowerShell.

**NEW QUESTION 282**

Which service provides network traffic filtering across multiple Azure subscriptions and virtual networks?

- A. Azure Firewall
- B. an application security group
- C. Azure DDoS protection
- D. a network security group (NSG)

Answer: A

Explanation:

You can restrict traffic to multiple virtual networks in multiple subscriptions with a single Azure firewall. Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability. You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources allowing outside firewalls to identify traffic originating from your virtual network.

<https://docs.microsoft.com/en-us/azure/firewall/overview>

NEW QUESTION 283

A new policy has been implemented in your organization that limits access to resource group and resource scopes in a detailed, granular way. Various groups and users will be provided access. What would you choose to use if you want to implement the new policy?

- A. Azure Advisor
- B. Role-Based Access Control (RBAC)
- C. Azure Policies
- D. Locks

Answer: B

NEW QUESTION 284

Cost per subscriber for a cloud service provider reduces with the increase in number of subscribers. It is a public cloud service. Can you identify what this would be called?

- A. Consumption-based billing.
- B. Operational expenditures.
- C. Scalability.
- D. Economies of scale.

Answer: D

NEW QUESTION 285

You plan to provision Infrastructure as a Service (IaaS) resources in Azure. Which resource is an example of IaaS?

- A. an Azure web app
- B. an Azure virtual machine
- C. an Azure logic app
- D. an Azure SQL database

Answer: B

Explanation:

An Azure virtual machine is an example of Infrastructure as a Service (IaaS). Azure web app, Azure logic app and Azure SQL database are all examples of Platform as a Service (PaaS).

<https://azure.microsoft.com/en-gb/overview/what-is-iaas/>

<https://azure.microsoft.com/en-gb/overview/what-is-paas/>

NEW QUESTION 286

To which cloud models can you deploy physical servers?

- A. private cloud and hybrid cloud only
- B. private cloud only
- C. private cloud, hybrid cloud and public cloud
- D. hybrid cloud only

Answer: A

Explanation:

A private cloud is on-premises so you can deploy physical servers. A hybrid cloud is a mix of on-premise and public cloud resources. You can deploy physical servers on-premises.

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

NEW QUESTION 287

You have 50 virtual machines hosted on-premises and 50 virtual machines hosted in Azure. The on-premises virtual machines and the Azure virtual machines connect to each other. Which type of cloud model is this?

- A. hybrid
- B. private
- C. public

Answer: A

Explanation:

<https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/>

**NEW QUESTION 288**

Which Azure service provides a set of version control tools to manage code?

- A. Azure Repos
- B. Azure DevTest Labs
- C. Azure Storage
- D. Azure Cosmos DB

Answer: A

Explanation:

Azure Repos is a set of version control tools that you can use to manage your code.

Incorrect:

Not B: Azure DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates. These have all the necessary tools and software that you can use to create environments.

Not D: Azure Cosmos DB is Microsoft's globally distributed, multi-model database service.

<https://docs.microsoft.com/en-us/azure/devops/repos/get-started/what-is-repos?view=azure-devops>

**NEW QUESTION 289**

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. Choose two.)

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

Answer: BC

Explanation:

The Azure portal is the web-based portal for managing Azure. Being web-based, you can use the Azure portal on an iPhone. Azure Cloud Shell is a web-based command line for managing Azure. You access the Azure Cloud Shell from the Azure portal. Being web-based, you can use the Azure Cloud Shell on an iPhone.

Incorrect:

Not A: Azure CLI can be installed on MacOS but it cannot be installed on an iPhone.

Not D: Windows PowerShell can be installed on MacOS but it cannot be installed on an iPhone.

Not E: Azure Storage Explorer is not used to manage Azure web apps.

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

**NEW QUESTION 290**

What can you use to automatically send an alert if an administrator stops an Azure virtual machine?

- A. Azure Advisor
- B. Azure Service Health
- C. Azure Monitor
- D. Azure Network Watcher

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-monitor/insights/vminsights-alerts>

NEW QUESTION 291

**Hotspot**

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

**Answer Area**

Statements	Yes	No
Azure China is operated by Microsoft.	<input type="radio"/>	<input type="radio"/>
Azure Government is operated by Microsoft.	<input type="radio"/>	<input type="radio"/>
Azure Government is available only to US government agencies and their partners.	<input type="radio"/>	<input type="radio"/>

Answer:

**Answer Area**

Statements	Yes	No
Azure China is operated by Microsoft.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Government is operated by Microsoft.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Government is available only to US government agencies and their partners.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation:

<https://docs.microsoft.com/en-us/azure/china/overview-operations>

<https://docs.microsoft.com/en-us/azure/azure-government/documentation-government-welcome>

NEW QUESTION 292

**Hotspot**

To complete the sentence, select the appropriate option in the answer area.

## Answer Area

An Azure service is available to all Azure customers when it is in

	▼
public preview	
private preview	
development	
an Enterprise Agreement (EA) subscription	

Answer:

## Answer Area

An Azure service is available to all Azure customers when it is in

	▼
public preview	
private preview	
development	
an Enterprise Agreement (EA) subscription	

Explanation:

Public Preview means that the service is in public beta and can be tried out by anyone with an Azure subscription. Services in public preview are often offered at a discount price. Public previews are excluded from SLAs and in some cases, no support is offered.

Incorrect:

- Services in private preview are available only to selected people who has signed up to the private preview program.
- Services in development are not available to the public.
- Services provided under an Enterprise Agreement (EA) subscription are available only to the subscription owner.

<https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-preview/>

NEW QUESTION 293

### Drag and Drop

Match the Azure services to the correct descriptions. (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.)

**Azure Services**

Azure Machine Learning  
Azure Synapse Analytics  
Azure IoT Hub  
Azure Functions

**Answer Area**

	Provides a cloud-based Enterprise Data Warehouse (EDW).
	Uses past trainings to provide predictions that have high probability.
	Provides serverless computing functionalities.
	Processes data from millions of sensors.

Answer:

**Azure Services**

**Answer Area**

Azure Synapse Analytics	Provides a cloud-based Enterprise Data Warehouse (EDW).
Azure Machine Learning	Uses past trainings to provide predictions that have high probability.
Azure IoT Hub	Provides serverless computing functionalities.
Azure Functions	Processes data from millions of sensors.

Explanation:

<https://azure.microsoft.com/en-gb/services/synapse-analytics/>  
<https://docs.microsoft.com/en-us/azure/machine-learning/overview-what-is-azure-ml>  
<https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub>  
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

NEW QUESTION 294

**Hotspot**

To complete the sentence, select the appropriate option in the answer area.

**Answer Area**

Azure Cosmos DB is an  
example of a  offering.

platform as a service (PaaS)
infrastructure as a service (IaaS)
serverless
software as a service (SaaS)

Answer:

## Answer Area

Azure Cosmos DB is an  
example of a  offering.

platform as a service (PaaS)
infrastructure as a service (IaaS)
serverless
software as a service (SaaS)

Explanation:

Azure Cosmos DB is an example of a platform as a service (PaaS) cloud database provider.

<https://docs.microsoft.com/en-us/azure/cosmos-db/database-security>

NEW QUESTION 295

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