

## AZ-900.prepaway.premium.exam.154q

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**AZ-900**

**Microsoft Azure Fundamentals**

**Version 7.0**

### **Sections**

1. Understand Cloud Concepts
2. Understand Core Azure Services
3. Understand Security, Privacy, Compliance and Trust
4. Understand Azure Pricing and Support

**Exam A**

**QUESTION 1**  
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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	<input type="checkbox"/>	<input type="checkbox"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically .	<input type="checkbox"/>	<input type="checkbox"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.	<input type="checkbox"/>	<input type="checkbox"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.	<input checked="" type="radio"/>	<input type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.	<input checked="" type="radio"/>	<input type="radio"/>

**Section: Understand Cloud Concepts**  
**Explanation**

**Explanation/Reference:**

### QUESTION 2

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 provides flexibility between capital expenditure (CapEx) and operational expenditure (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"/>

Correct Answer:

## Answer Area

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"/>

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

**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

**Correct Answer: D**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

**QUESTION 4**

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

**Correct Answer: A**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

**QUESTION 5**

**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

**Correct Answer:** C

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

#### QUESTION 6

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

**Correct Answer:** DE

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

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

When planning to migrate a public website to Azure, you must plan to pay monthly usage costs.

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. Deploy a VPN
- C. pay to transfer all the website data to Azure
- D. reduce the number of connections to the website

**Correct Answer:** A

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

#### QUESTION 8

**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 migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that supports the planned migration.

Solution: You create an Azure App Service and Azure SQL databases.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: A**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

**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 migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that supports the planned migration.

Solution: You create an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

#### **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 migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that supports the planned migration.

Solution: You create an Azure App Service and Azure Storage accounts.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 11**

Your company hosts an accounting application named App1 that is used by all the customers of the company.

App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.

Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

- A. high availability
- B. high latency
- C. elasticity
- D. load balancing

**Correct Answer: C**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 12**

You plan to migrate a web application to Azure. The web application is accessed by external users.

You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application.

What should you include in the recommendation?

- A. Software as a Service (SaaS)
- B. Platform as a Service (PaaS)
- C. Infrastructure as a Service (IaaS)
- D. Database as a Service (DaaS)

**Correct Answer: B**

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

**QUESTION 13**  
HOTSPOT

Which cloud deployment solution is used for Azure virtual machines and Azure SQL databases? To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

**Answer Area**

Azure virtual machines:

Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

**Correct Answer:**

**Answer Area**

Azure virtual machines:

Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

**Section: Understand Cloud Concepts**  
**Explanation**

**Explanation/Reference:**

**QUESTION 14**

You have an on-premises network that contains 100 servers.

You need to recommend a solution that provides additional resources to your users. The solution must minimize capital and operational expenditure costs.

What should you include in the recommendation?

- A. a complete migration to the public cloud
- B. an additional data center
- C. a private cloud
- D. a hybrid cloud

**Correct Answer:** C

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

### 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
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

### QUESTION 16

You plan to migrate several servers from an on-premises network to Azure.

You need to identify the primary benefit of using a public cloud service for the servers.

What should you identify?

- A. The public cloud is owned by the public, **NOT** a private corporation
- B. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
- C. All public cloud resources can be freely accessed by every member of the public
- D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

**Correct Answer:** D

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

#### QUESTION 17

**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 plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more scale sets.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

#### QUESTION 18

**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 plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more availability zones.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability>

#### QUESTION 19

**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 plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more regions.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

Reference:

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

#### QUESTION 20

You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.

You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription.

You need to identify which expenditure model to use for the planned Azure solution.

Which expenditure model should you identify?

- A. operational
- B. elastic
- C. capital
- D. scalable

**Correct Answer:** A

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold>

**QUESTION 21**

DRAG DROP

Match the Azure Cloud Services benefit to the correct description.

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

**NOTE:** Each correct match is worth one point.

**Select and Place:**

Answer Options	Answer Area	
Disaster recovery	A cloud service that remains available after it occurs	<input type="text"/>
Fault tolerance	A cloud service that can be recovered after it occurs	<input type="text"/>
Low latency	A cloud service that performs quickly when it increases	<input type="text"/>
Dynamic scalability	A cloud service that can be accessed quickly to the Internet.	<input type="text"/>

**Correct Answer:**

Answer Options	Answer Area	
<input type="text"/>	A cloud service that remains available after it occurs	Fault tolerance
<input type="text"/>	A cloud service that can be recovered after it occurs	Disaster recovery
<input type="text"/>	A cloud service that performs quickly when it increases	Dynamic scalability
<input type="text"/>	A cloud service that can be accessed quickly to the Internet.	Low latency

**Section: Understand Cloud Concepts**

**Explanation**

**Explanation/Reference:**

References:

<https://msdn.microsoft.com/en-us/magazine/mt422582.aspx>

<https://searchdisasterrecovery.techtarget.com/definition/cloud-disaster-recovery-cloud-DR>

<http://www.siasmsp.com/the-benefit-of-scalability-in-cloud-computing-2/>

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

**QUESTION 22**

**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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
To implement a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input type="radio"/>
A company can extend the computing resources of its internal network by using the public cloud.	<input type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
To implement a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the computing resources of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

### Section: Understand Cloud Concepts Explanation

Explanation/Reference:

### QUESTION 23 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 resources can only access other resources in the same resource group.	<input type="radio"/>	<input type="radio"/>
If you delete a resource group, all the resources in the resource group will be deleted.	<input type="radio"/>	<input type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If you delete a resource group, all the resources in the resource group will be deleted.	<input checked="" type="radio"/>	<input type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

### Section: Understand Cloud Concepts Explanation

#### Explanation/Reference:

Explanation:

Box 1: No

A resource can interact with resources in other resource groups.

Box 2: Yes

Deleting the resource group will remove the resource group as well as all the resources in that resource group.

Box 3: Yes

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

<https://www.codeisahighway.com/effective-ways-to-delete-resources-in-a-resource-group-on-azure/>

#### QUESTION 24

Your company has an on-premises network that contains multiple servers.

The company plans to reduce the following administrative responsibilities of network administrators:

- Backing up application data
- Replacing failed server hardware
- Managing physical server security
- Updating server operating systems
- Managing permissions to shared documents

The company plans to migrate several servers to Azure virtual machines.

You need to identify which administrative responsibilities will be reduced after the planned migration.

Which two responsibilities should you identify? Each correct answer presents a complete solution.

**NOTE:** Each correct selection is worth one point.

- A. Replacing failed server hardware
- B. Backing up application data
- C. Managing physical server security
- D. Updating server operating systems
- E. Managing permissions to shared documents

**Correct Answer:** AC

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

**QUESTION 25**  
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 Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input type="radio"/>
Azure Reserved VM instances are an example of OpEx.	<input type="radio"/>	<input type="radio"/>
Deploying your own datacenter is an example of CapEx.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Reserved VM instances are an example of OpEx.	<input type="radio"/>	<input checked="" type="radio"/>
Deploying your own datacenter is an example of CapEx.	<input checked="" type="radio"/>	<input type="radio"/>

**Section: Understand Cloud Concepts**  
**Explanation**

**Explanation/Reference:**

### QUESTION 26

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

**Correct Answer: B**

**Section: Understand Cloud Concepts**  
**Explanation**

**Explanation/Reference:**

### QUESTION 27

A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.

You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.

What should you recommend?

- A. Azure Reserved Virtual Machine (VM) Instances
- B. Azure DevTest Labs
- C. Azure virtual machine scale sets
- D. Microsoft Managed Desktop

**Correct Answer:** B

**Section:** Understand Cloud Concepts

**Explanation**

**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-overview>

**QUESTION 28**

**HOTSPOT**

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

<b>Name</b>	<b>Operating system</b>
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.

**Hot Area:**

### Answer Area

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	

Correct Answer:

### Answer Area

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	

Section: Understand Core Azure Services  
Explanation

**Explanation/Reference:**

References:

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

**QUESTION 29**

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

**Correct Answer: C**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 30**

DRAG DROP

Match the Azure service to the correct description.

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.

**Select and Place:**

**Answer Options**

**Answer Area**

- Azure Machine Learning
- Azure IoT Hub
- Azure AI bot
- Azure Functions

	Provides a digital online assistant that provides speech support
	Uses past trainings to provide predictions that have high probability
	Provides serverless computing functionalities
	Processes data from millions of sensors

- Provides a digital online assistant that provides speech support
- Uses past trainings to provide predictions that have high probability
- Provides serverless computing functionalities
- Processes data from millions of sensors

**Correct Answer:**

**Answer Options**

- Azure Machine Learning
- Azure IoT Hub
- Azure AI bot
- Azure Functions

**Answer Area**

- |                        |   |
|------------------------|---|
| Azure AI bot           | Provides a digital online assistant that provides speech support      |
| Azure Machine Learning | Uses past trainings to provide predictions that have high probability |
| Azure Functions        | Provides serverless computing functionalities                         |
| Azure IoT Hub          | Processes data from millions of sensors                               |

**Section: Understand Core Azure Services****Explanation****Explanation/Reference:****QUESTION 31**

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

**Correct Answer: A**

**Section: Understand Core Azure Services****Explanation****Explanation/Reference:****QUESTION 32**

DRAG DROP

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.

**Select and Place:**

**Answer Options**

Azure Databricks

Azure Functions

Azure App Service

Azure Application Insights

**Answer Area**

Provides the platform for serverless code

A big data analysis service for machine learning

Detects and diagnoses anomalies in web apps

Hosts web apps

**Correct Answer:****Answer Options**

Azure Databricks

Azure Functions

Azure App Service

Azure Application Insights

**Answer Area**

Azure Functions

Azure Databricks

Azure Application Insights

Azure App Service

Provides the platform for serverless code

A big data analysis service for machine learning

Detects and diagnoses anomalies in web apps

Hosts web apps

**Section: Understand Core Azure Services****Explanation****Explanation/Reference:****QUESTION 33****HOTSPOT**

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.

**Hot Area:**

## Answer Area

Minimum number of virtual machines:

1	v
2	
3	

Minimum number of availability zones:

1	v
2	
3	

Correct Answer:

## Answer Area

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

### Section: Understand Core Azure Services

#### Explanation

#### Explanation/Reference:

References:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

#### QUESTION 34

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

**Correct Answer:** D

### Section: Understand Core Azure Services

#### Explanation

#### Explanation/Reference:

#### QUESTION 35

**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 PowerShell in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: A**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

Reference:

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

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

### **QUESTION 36**

**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 the PowerApps portal.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

Reference:

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

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

### **QUESTION 37**

**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 the Azure portal.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

Reference:

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

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

### QUESTION 38

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
Data that is copied to an Azure Storage account is maintained automatically in at least three copies.	<input type="radio"/>	<input type="radio"/>
All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.	<input type="radio"/>	<input type="radio"/>
An Azure Storage account can contain up to 2 TB of data and up to one million files.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
Data that is copied to an Azure Storage account is maintained automatically in at least three copies.	<input checked="" type="radio"/>	<input type="radio"/>
All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Storage account can contain up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="radio"/>

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

### QUESTION 39

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
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 40**

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

An Azure region contains one or more data centers that are connected by using a low-latency network.

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. Is found in each country where Microsoft has a subsidiary office
- C. Can be found in every country in Europe and the Americas only
- D. Contains one or more data centers that are connect by using a high-latency network

**Correct Answer:** A

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 41**

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

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1

cannot connect to the other virtual machines, VM1 must be deployed to a separate virtual network.

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. run a different operating system than the other virtual machines
- C. be deployed to a separate resource group
- D. have two network interfaces

**Correct Answer:** A

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### QUESTION 42

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

When you need to delegate permissions to several Azure virtual machines simultaneously, you must deploy the Azure virtual machines to the same Azure region.

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. by using the same Azure Resource Manager template
- C. to the same resource group
- D. to the same availability zone

**Correct Answer:** C

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### QUESTION 43

A team of developers at your company plans to deploy, and then remove, 50 customized virtual machines each week. Thirty of the virtual machines run Windows Server 2016 and 20 of the virtual machines run Ubuntu Linux.

You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.

What should you recommend?

- A. Azure Reserved Virtual Machines (VM) Instances
- B. Azure virtual machine scale sets
- C. Azure DevTest Labs
- D. Microsoft Managed Desktop

**Correct Answer:** C

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

**QUESTION 44**

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

One of the benefits of Azure SQL Data Warehouse is that high availability is built into the platform.

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. automatic scaling
- C. data compression
- D. versioning

**Correct Answer: A**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 45**

A support engineer plans to perform several Azure management tasks by using the Azure CLI.

You install the CLI on a computer.

You need to tell the support engineer which tools to use to run the CLI.

Which two tools should you instruct the support engineer to use? Each correct answer presents a complete solution.

**NOTE:** Each correct selection is worth one point.

- A. Command Prompt
- B. Azure Resource Explorer
- C. Windows PowerShell
- D. Windows Defender Firewall
- E. Network and Sharing Center

**Correct Answer: AC**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 46**

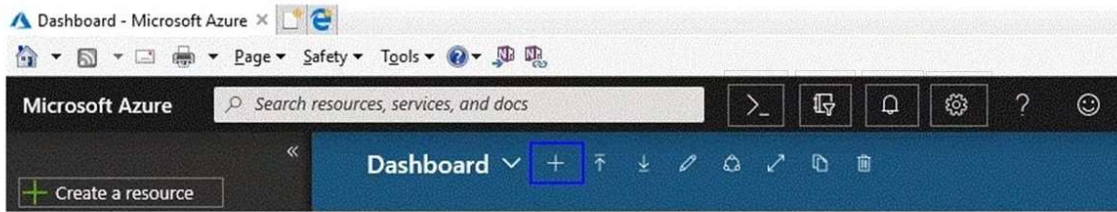
**HOTSPOT**

You need to manage Azure by using Azure Cloud Shell.

Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area.

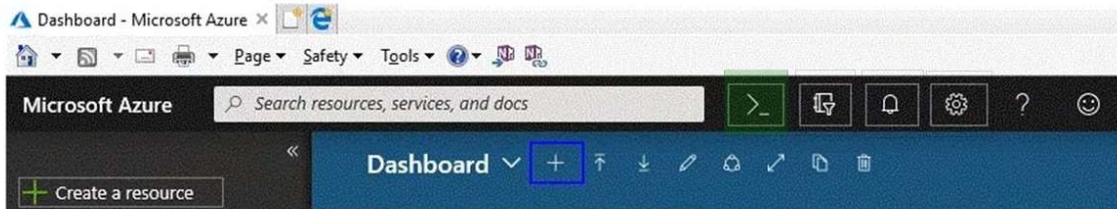
**Hot Area:**

**Answer Area**



**Correct Answer:**

**Answer Area**



**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 47**

You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI.

You need to recommend a storage solution for the data.

Which two solutions should you recommend? Each correct answer presents a complete solution.

**NOTE:** Each correct selection is worth one point.

- A. Azure Data Lake
- B. Azure Cosmos DB
- C. Azure SQL Data Warehouse
- D. Azure SQL Database
- E. Azure Database for PostgreSQL

**Correct Answer:** AC

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 48**

**HOTSPOT**

You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.

Hot Area:

## Answer Area

https://   com

admin.	azure.
portal.	azurewebsites.
www.	microsoft.

Correct Answer:

## Answer Area

https://   com

admin.	azure.
portal.	azurewebsites.
www.	microsoft.

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

### QUESTION 49

You need to identify the type of failure for which an Azure availability zone can be used to protect access to Azure services.

What should you identify?

- A. a physical server failure
- B. an Azure region failure
- C. a storage failure
- D. an Azure data center failure

**Correct Answer: D**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 50**  
HOTSPOT

You plan to extend your company's network to Azure. The network contains a VPN appliance that uses an IP address of 131.107.200.1.

You need to create an Azure resource that identifies the VPN appliance.

Which Azure resource should you create? To answer, select the appropriate resource in the answer area.

**Hot Area:**

**Answer Area**

NETWORKING (20)

Virtual networks ★	Virtual networks (classic) ★
Load balancers ★	Application gateways ★
Virtual network gateways ★	Local network gateways ★
DNS zones ★	CDN profiles ★
Traffic Manager profiles ★	ExpressRoute circuits ★
Network Watcher ★	Network security groups ★
Network security groups (classic) ★	Network interfaces ★
Public IP addresses ★	Reserved IP addresses (classic) ★
Connections ★	On-premises Data Gateways ★
Route tables ★	Route filters ★

**Correct Answer:**

**Answer Area**

NETWORKING (20)

Virtual networks ★	Virtual networks (classic) ★
Load balancers ★	Application gateways ★
Virtual network gateways ★	Local network gateways ★
DNS zones ★	CDN profiles ★
Traffic Manager profiles ★	ExpressRoute circuits ★
Network Watcher ★	Network security groups ★
Network security groups (classic) ★	Network interfaces ★
Public IP addresses ★	Reserved IP addresses (classic) ★
Connections ★	On-premises Data Gateways ★
Route tables ★	Route filters ★

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

**Explanation/Reference:**

**QUESTION 51**

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.

Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

- A. Azure Service Fabric
- B. Azure Monitor
- C. Azure virtual machines
- D. Azure Advisor

**Correct Answer: B**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 52**

**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

**Correct Answer: B**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 53**

**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

**Correct Answer:** B

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### **QUESTION 54**

**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

**Correct Answer:** A

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### **QUESTION 55**

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

**Correct Answer:** D

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### **QUESTION 56** HOTSPOT

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.

**Hot Area:**

# Microsoft Azure



New



All services



**FAVORITES**



Dashboard



All resources



Resource groups



App Services



Function Apps



SQL databases



Azure Cosmos DB



Virtual machines



Load balancers



Storage accounts



Virtual networks



Azure Active Directory



Monitor



Advisor



Security Center



Cost Management + B...

**Correct Answer:**

# Microsoft Azure



New



All services



**FAVORITES**



Dashboard



All resources



Resource groups



App Services



Function Apps



SQL databases



Azure Cosmos DB



Virtual machines



Load balancers



Storage accounts



Virtual networks



Azure Active Directory



Monitor



Advisor



Security Center



Cost Management + B...

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 57**

DRAG DROP

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.

**Select and Place:**

**Correct Answer:**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 58**

You have an Azure environment that contains multiple Azure virtual machines.

You plan to implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines.

You need to recommend which Azure resources must be created for the planned solution.

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

**NOTE:** Each correct selection is worth one point.

- A. a virtual network gateway
- B. a load balancer
- C. an application gateway
- D. a virtual network
- E. a gateway subnet

**Correct Answer:** DE

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/office365/enterprise/connect-an-on-premises-network-to-a-microsoft-azure-virtual-network>

**QUESTION 59**

DRAG DROP

Match the Azure service to the correct description.

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.

**Select and Place:**

Answer Options	Answer Area	
Azure HDInsight		A managed relational cloud database service.
Azure Data Lake Analytics		A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure SQL Data Warehouse		Can run massively parallel data transformation and processing programs across petabytes of data
Azure SQL Database		An open-source framework for the distributed processing and analysis of big data sets in clusters

**Correct Answer:**

Answer Options	Answer Area	
Azure HDInsight	Azure SQL Database	A managed relational cloud database service.
Azure Data Lake Analytics	Azure SQL Data Warehouse	A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure SQL Data Warehouse	Azure SQL Data Warehouse	Can run massively parallel data transformation and processing programs across petabytes of data
Azure SQL Database	Azure HDInsight	An open-source framework for the distributed processing and analysis of big data sets in clusters

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

References:

<https://azure.microsoft.com/en-us/services/sql-database/>

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-what-is>

<https://docs.microsoft.com/bs-latn-ba/azure/hdinsight/hadoop/apache-hadoop-introduction>

**QUESTION 60**

**HOTSPOT**

You need to identify which blades in the Azure portal must be used to perform the following tasks:

- View security recommendations.
- Monitor the health of Azure services.
- Browse available virtual machine images.

Which blade should you identify for each task? To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

## Answer Area

Monitor the health of Azure services:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Browse available virtual machine images:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

View security recommendations:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Correct Answer:

## Answer Area

Monitor the health of Azure services:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Browse available virtual machine images:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

View security recommendations:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

References:

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

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/cli-ps-findimage>

<https://docs.microsoft.com/en-us/azure/advisor/advisor-security-recommendations>

### QUESTION 61

**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

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





**Explanation/Reference:**  
Reference:  
<https://www.thomasmaurer.ch/2019/01/azure-cloud-shell/>  
<https://www.pcmag.com/encyclopedia/term/66542/android-laptop>

**QUESTION 62**  
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**

 <b>Blobs</b> REST-based object storage for unstructured data <a href="#">Explore data using OAuth preview</a> <a href="#">Learn more</a>	 <b>Files</b> File shares that use the standard SMB 3.0 protocol <a href="#">Learn more</a>
 <b>Tables</b> Tabular data storage <a href="#">Learn more</a>	 <b>Queues</b> Effectively scale apps according to traffic <a href="#">Explore data using OAuth preview</a> <a href="#">Learn more</a>

**Correct Answer:**

**Answer Area**

 <b>Blobs</b> REST-based object storage for unstructured data <a href="#">Explore data using OAuth preview</a> <a href="#">Learn more</a>	 <b>Files</b> File shares that use the standard SMB 3.0 protocol <a href="#">Learn more</a>
 <b>Tables</b> Tabular data storage <a href="#">Learn more</a>	 <b>Queues</b> Effectively scale apps according to traffic <a href="#">Explore data using OAuth preview</a> <a href="#">Learn more</a>

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

**Explanation/Reference:**

References:

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

**QUESTION 63**

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

**Correct Answer: B**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

References:

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

**QUESTION 64**

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

**Correct Answer: C**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:****QUESTION 65**

**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:**

**Correct Answer:**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

References:

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

**QUESTION 66**

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

**Correct Answer: A**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 67**

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

**Correct Answer: C**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

**QUESTION 68**

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

**Correct Answer: C**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 69**

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

**Correct Answer: BD**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

#### **QUESTION 70**

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

**Correct Answer: AC**

**Section: Understand Core Azure Services**

**Explanation**

**Explanation/Reference:**

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/>**QUESTION 71****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

**Correct Answer:** A**Section:** Understand Core Azure Services**Explanation****Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/architecture/reliability/requirements#understand-service-level-agreements>**QUESTION 72**

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.	<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"/>

Correct Answer:

### Answer Area

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

Section: Understand Core Azure Services  
Explanation

Explanation/Reference:

**QUESTION 73**

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

**Correct Answer:** B

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

**QUESTION 74**

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

**Correct Answer:** D

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

**QUESTION 75**

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"/>

Correct 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"/>

Section: Understand Core Azure Services

## Explanation

### Explanation/Reference:

#### QUESTION 76

**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 subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1.

```
az vm create --resource-group RG1 --name VM1 -- image  
UbuntuLTS --generate-ssh-keys
```

You need to create VM1 in Subscription1 by using the command.

Solution: From the Azure portal, launch Azure Cloud Shell and select PowerShell. Run the command in Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: A**

**Section: Understand Core Azure Services**

### Explanation

#### Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/quick-create-cli>

#### QUESTION 77

**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 subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1.

```
az vm create --resource-group RG1 --name VM1 -- image  
UbuntuLTS --generate-ssh-keys
```

You need to create VM1 in Subscription1 by using the command.

Solution: From a computer that runs Windows 10, install Azure CLI. From PowerShell, sign in to Azure and then run the command.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### QUESTION 78

**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 subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1.

```
az vm create --resource-group RG1 --name VM1 -- image  
UbuntuLTS --generate-ssh-keys
```

You need to create VM1 in Subscription1 by using the command.

**Solution:** From a computer that runs Windows 10, install Azure CLI. From a command prompt, sign in to Azure and then run the command.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

**Section:** Understand Core Azure Services

**Explanation**

**Explanation/Reference:**

#### QUESTION 79

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:**

**Correct Answer:**

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

## Explanation

### Explanation/Reference:

#### QUESTION 80

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

**Correct Answer:** D

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

### Explanation

#### Explanation/Reference:

References:

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

#### QUESTION 81

DRAG DROP

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.

**Select and Place:**

**Correct Answer:**

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

### Explanation

#### Explanation/Reference:

#### QUESTION 82

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

**Correct Answer:** A

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

**Explanation**

**Explanation/Reference:**

**QUESTION 83**

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

**Correct Answer:** B

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

**Explanation**

**Explanation/Reference:**

**QUESTION 84**

**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

**Correct Answer:** C

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

**Explanation**

**Explanation/Reference:**

**QUESTION 85**

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

**Correct Answer:** B

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

**Explanation/Reference:**

#### **QUESTION 86**

HOTSPOT

You create a resource group named RG1 in Azure Resource Manager.

You need to prevent the accidental deletion of the resources in RG1.

Which setting should you use? To answer, select the appropriate setting in the answer area.

**Hot Area:**

**Correct Answer:**

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

**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

#### **QUESTION 87**

Which Azure service should you use to store certificates?

- A. Azure Security Center
- B. an Azure Storage account
- C. Azure Key Vault
- D. Azure Information Protection

**Correct Answer:** C

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

**Explanation/Reference:**

References:

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

#### **QUESTION 88**

You have a resource group named RG1.

You plan to create virtual networks and app services in RG1.

You need to prevent the creation of virtual machines only in RG1.

What should you use?

- A. a lock
- B. an Azure role
- C. a tag

D. an Azure policy

**Correct Answer:** A

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

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

#### **QUESTION 89**

What can Azure Information Protection encrypt?

- A. network traffic
- B. documents and email messages
- C. an Azure Storage account
- D. an Azure SQL database

**Correct Answer:** B

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

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/information-protection/compliance>

<https://docs.microsoft.com/en-us/azure/information-protection/quickstart-label-dnf-protectedemail>

#### **QUESTION 90**

What should you use to evaluate whether your company's Azure environment meets regulatory requirements?

- A. the Knowledge Center website
- B. the Advisor blade from the Azure portal
- C. Compliance Manager from the Security Trust Portal
- D. the Security Center blade from the Azure portal

**Correct Answer:** D

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

**Explanation**

**Explanation/Reference:**

References:

<https://azure.microsoft.com/en-us/blog/regulatory-compliance-dashboard-in-azure-security-center-now-available/>

#### **QUESTION 91**

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 can generate a list of Azure virtual machines that are protected by Azure Backup.	<input type="radio"/>	<input type="radio"/>
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	<input type="radio"/>	<input type="radio"/>
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

### Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	<input type="radio"/>	<input checked="" type="radio"/>
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	<input type="radio"/>	<input checked="" type="radio"/>
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

References:

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

<https://microsoft.github.io/AzureTipsAndTricks/blog/tip173.html>

**QUESTION 92**

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

Your company implements Azure policies to automatically add a watermark to Microsoft Word documents that contain credit card information.

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. DDoS protection
- C. Azure Information Protection
- D. Azure Active Directory (Azure AD) Identity Protection

**Correct Answer:** C

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

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/information-protection/infoprotect-quick-start-tutorial>

### QUESTION 93

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

From Azure Monitor, you can view which user turned off a specific virtual machine during the last 14 days.

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. Azure Event Hubs
- C. Azure Activity Log
- D. Azure Service Health

**Correct Answer:** C

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

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit>

### QUESTION 94

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

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign an Azure policy specifying that virtual networks are not an allowed resource type in RG1. VNET1 is deleted automatically.

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. is moved automatically to another resource group
- C. continues to function normally
- D. is now a read-only object

**Correct Answer:** A

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

**Explanation/Reference:**

References:

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

**QUESTION 95**

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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	<input type="radio"/>	<input checked="" type="radio"/>

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

#### Explanation/Reference:

References:

<https://docs.microsoft.com/en-us/azure/security/azure-security-data-encryption-best-practices#protect-data-in-transit>

#### QUESTION 96

Your company has an Azure environment that contains resources in several regions.

A company policy states that administrators must only be allowed to create additional Azure resources in a region in the country where their office is located.

You need to create the Azure resource that must be used to meet the policy requirement.

What should you create?

- A. a read-only lock
- B. an Azure policy
- C. a management group
- D. a reservation

**Correct Answer: B**

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

#### Explanation

#### Explanation/Reference:

#### QUESTION 97

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

Authorization is the process of verifying a user's credentials.

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. Authentication
- C. Federation
- D. Ticketing

**Correct Answer:** B

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

**Explanation/Reference:**

### QUESTION 98

You need to configure an Azure solution that meets the following requirements:

- Secures websites from attacks
- Generates reports that contain details of attempted attacks

What should you include in the solution?

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

**Correct Answer:** D

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

**Explanation/Reference:**

### QUESTION 99

HOTSPOT

You plan to implement several security services for an Azure environment. You need to identify which Azure services must be used to meet the following security requirements:

- Monitor threats by using sensors
- Enforce Azure Multi-Factor Authentication (MFA) based on a condition

Which Azure service should you identify for each requirement? To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

**Answer Area**

Monitor threats by using sensors:

- Azure Monitor
- Azure Security Center
- Azure Active Directory (Azure AD) Identity Protection
- Azure Advanced Threat Protection (ATP)

Enforce Azure MFA based on a condition:

- Azure Monitor
- Azure Security Center
- Azure Active Directory (Azure AD) Identity Protection
- Azure Advanced Threat Protection (ATP)

**Correct Answer:**  
**Answer Area**

Monitor threats by using sensors:

- Azure Monitor
- Azure Security Center
- Azure Active Directory (Azure AD) Identity Protection
- Azure Advanced Threat Protection (ATP)**

Enforce Azure MFA based on a condition:

- Azure Monitor
- Azure Security Center
- Azure Active Directory (Azure AD) Identity Protection**
- Azure Advanced Threat Protection (ATP)

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

**Explanation/Reference:**

**QUESTION 100**  
**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
From Azure Service Health, an administrator can view the health of all the services deployed to an Azure environment and all the other services available in Azure.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services deployed to an Azure environment and all the other services available in Azure.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.	<input type="radio"/>	<input checked="" type="radio"/>

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

#### Explanation/Reference:

#### QUESTION 101

Your company plans to migrate all on-premises data to Azure. You need to identify whether Azure complies with the company's regional requirements.

What should you use?

- A. the Knowledge Center
- B. Azure Marketplace
- C. the Azure portal
- D. the Trust Center

**Correct Answer:** D

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

#### Explanation/Reference:

#### QUESTION 102

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

Azure Key Vault is used to store secrets for 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. Azure Active Directory (Azure AD) administrative accounts
- C. Personally Identifiable Information (PII)
- D. server applications

**Correct Answer:** A

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

#### Explanation/Reference:

References:

<https://docs.microsoft.com/en-us/azure/key-vault/about-keys-secrets-and-certificates>

**QUESTION 103**  
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
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	<input type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	<input type="radio"/>	<input checked="" type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>

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

**Explanation/Reference:**

**QUESTION 104**

Your company plans to automate the deployment of servers to Azure.

Your manager is concerned that you may expose administrative credentials during the deployment.

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment.

What should you include in the recommendation?

- A. Azure Key Vault
- B. Azure Information Protection
- C. Azure Security Center
- D. Azure Multi-Factor Authentication (MFA)

**Correct Answer: A**

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

**Explanation/Reference:**

**QUESTION 105**

You plan to deploy several Azure virtual machines.

You need to control the ports that devices on the Internet can use to access the virtual machines.

What should you use?

- A. a network security group (NSG)
- B. an Azure Active Directory (Azure AD) role
- C. an Azure Active Directory group
- D. an Azure key vault

**Correct Answer: A**

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

**Explanation**

**Explanation/Reference:**

Explanation:

Restricting Internet access to your VMs in Azure can be achieved by making use of Azure Network Security Groups.

References:

<https://scomandothergeekystuff.com/2018/04/02/blocking-internet-access-for-azure-vm/>

<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

**QUESTION 106**

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

If a resource group named RG1 has a delete lock, only a member of the global administrators group can delete RG1.

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 delete lock must be removed before an administrator
- C. an Azure policy must be modified before an administrator
- D. an Azure tag must be added before an administrator

**Correct Answer: B**

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

**Explanation**

**Explanation/Reference:**

**QUESTION 107**

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

Azure Germany can be used by legal residents of Germany only.

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. only enterprises that are registered in Germany
- C. only enterprises that purchase their azure licenses from a partner based in Germany
- D. any user or enterprise that requires its data to reside in Germany

**Correct Answer:** D

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/germany/germany-welcome?toc=%2fazure%2fgermany%2ftoc.json>

### QUESTION 108

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

After you create a virtual machine, you need to modify the network security group (NSG) to allow connections from TCP port 8080 to the virtual machine.

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. virtual network gateway
- C. virtual network
- D. route table

**Correct Answer:** A

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

**Explanation/Reference:**

Reference:

<https://mymicrosoftexchange.wordpress.com/2019/03/20/allow-external-rdp-to-your-newly-created-azure-vm/>

### QUESTION 109

**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 network security group (NSG).

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

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

**Explanation/Reference:**

**QUESTION 110**  
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
Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD).	<input checked="" type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input checked="" type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>

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

**Explanation/Reference:**

**QUESTION 111**  
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 Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines.	<input type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.	<input type="radio"/>	<input type="radio"/>
Each user account in Azure Active Directory (Azure AD) can be assigned only one license.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
Azure Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.	<input checked="" type="radio"/>	<input type="radio"/>
Each user account in Azure Active Directory (Azure AD) can be assigned only one license.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

### QUESTION 112

**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

**Correct Answer:** B

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

**Explanation/Reference:**

### QUESTION 113

**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

**Correct Answer:** A

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

**Explanation/Reference:**

### QUESTION 114

**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

**Correct Answer: B**

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

**Explanation**

**Explanation/Reference:**

#### **QUESTION 115**

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

**Correct Answer: CD**

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

**Explanation**

**Explanation/Reference:**

References:

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

#### **QUESTION 116**

**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 has an Azure subscription that contains the following unused resources:

- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused network interfaces.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways>

#### QUESTION 117

**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 has an Azure subscription that contains the following unused resources:

- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused public IP addresses.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways>

#### QUESTION 118

**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 has an Azure subscription that contains the following unused resources:

- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused user accounts.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways>

### QUESTION 119

HOTSPOT

How should you calculate the monthly uptime percentage? To answer, select the appropriate options in the answer area.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

#### Answer Area

	÷		×	
Downtime in Minutes		60		100
Maximum Available Minutes		1,440		99.99
(Maximum Available Minutes – Downtime in Minutes)		Maximum Available Minutes		1.440

**Correct Answer:**

#### Answer Area

	÷		×	
Downtime in Minutes		60		100
Maximum Available Minutes		1,440		99.99
(Maximum Available Minutes – Downtime in Minutes)		Maximum Available Minutes		1.440

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

**Explanation/Reference:**

References:

[https://azure.microsoft.com/en-au/support/legal/sla/cloud-services/v1\\_0/](https://azure.microsoft.com/en-au/support/legal/sla/cloud-services/v1_0/)

**QUESTION 120**

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
By creating additional resource groups in an Azure subscription, additional costs are incurred.	<input type="radio"/>	<input type="radio"/>
By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.	<input type="radio"/>	<input type="radio"/>
By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
By creating additional resource groups in an Azure subscription, additional costs are incurred.	<input type="radio"/>	<input checked="" type="radio"/>
By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.	<input checked="" type="radio"/>	<input type="radio"/>
By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/manage-resource-groups-portal>

<https://azure.microsoft.com/en-us/pricing/details/bandwidth/>

**QUESTION 121**

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

A support plan solution that gives you best practice information, health status and notifications, and 24/7 access to billing information at the lowest possible cost is a Standard support plan.

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. Developer
- C. Basic
- D. Premier

**Correct Answer: C**

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

**Explanation/Reference:**

References:

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

**QUESTION 122**

**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 plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails.

Solution: You deploy the virtual machines to two or more resource groups.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions-and-availability>

### QUESTION 123

In which Azure support plans can you open a new support request?

- A. Premier and Professional Direct only
- B. Premier, Professional Direct, and Standard only
- C. Premier, Professional Direct, Standard, and Developer only
- D. Premier, Professional Direct, Standard, Developer, and Basic

**Correct Answer:** C

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

References:

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

### QUESTION 124

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

You can create an Azure support request from support.microsoft.com.

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 Azure portal
- C. the Knowledge Center
- D. the Security & Compliance admin center

**Correct Answer:** B

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/azure-supportability/how-to-create-azure-support-request>

### QUESTION 125

**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 has an Azure subscription that contains the following unused resources:

- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused groups.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** B

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways>

#### QUESTION 126

What is guaranteed in an Azure Service Level Agreement (SLA)?

- A. uptime
- B. feature availability
- C. bandwidth
- D. performance

**Correct Answer:** B

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

**Explanation/Reference:**

References:

<https://azure.microsoft.com/en-us/support/legal/sla/summary/>

#### QUESTION 127

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

An Azure service is available to all Azure customers when it is in public preview.

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. private preview
- C. development
- D. an Enterprise Agreement (EA) subscription

**Correct Answer:** A

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

**Explanation/Reference:**

References:

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

#### QUESTION 128

**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

**Correct Answer: B**

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

**Explanation/Reference:**

Explanation:

The Basic support plan does not have any technical support for engineers.

References:

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

#### **QUESTION 129**

**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

**Correct Answer: A**

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

**Explanation/Reference:**

Explanation:

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.

References:

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

### QUESTION 130

**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

**Correct Answer:** A

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

Explanation:

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.

References:

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

### QUESTION 131

Your company plans to request an architectural review of an Azure environment from Microsoft.

The company currently has a Basic support plan.

You need to recommend a new support plan for the company. The solution must minimize costs.

Which support plan should you recommend?

- A. Premier
- B. Developer
- C. Professional Direct
- D. Standard

**Correct Answer:** A

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

References:

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

**QUESTION 132**

**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**

<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"/>

**Correct Answer:**

## Answer Area

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

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

**Explanation/Reference:**

### QUESTION 133

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

**Correct Answer: C**

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

**Explanation/Reference:**

References:

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

### QUESTION 134

**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

**Correct Answer:** C

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

#### **QUESTION 135**

**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 Professional Direct support plan.

Does this meet the goal?

- A. Yes
- B. No

**Correct Answer:** A

**Section:** Understand Azure Pricing and Support

**Explanation**

**Explanation/Reference:**

Explanation:

The Basic support plan does not have any technical support for engineers.

The Developer support plan has only technical support for engineers via email.

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.

References:

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

#### **QUESTION 136**

Your company has 10 departments.

The company plans to implement an Azure environment.

You need to ensure that each department can use a different payment option for the Azure services it consumes.

What should you create for each department?

- A. a reservation
- B. a subscription
- C. a resource group
- D. a container instance

**Correct Answer:** B  
**Section:** Understand Azure Pricing and Support  
**Explanation**

**Explanation/Reference:**

**QUESTION 137**  
 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
An Azure free account has a spending limit.	<input type="radio"/>	<input type="radio"/>
An Azure free account has a limit for the amount of data that can be uploaded to Azure.	<input type="radio"/>	<input type="radio"/>
An Azure free account can contain an unlimited number of web apps.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
An Azure free account has a spending limit.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure free account has a limit for the amount of data that can be uploaded to Azure.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure free account can contain an unlimited number of web apps.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

Explanation:

Box 1: Yes

Box 2: Yes

Azure free account has a 5 GB blob storage limit and a 5 GB file storage limit.

Box 3: No

Azure free account has a limit of 10 web, mobile or API apps

References:

<https://azure.microsoft.com/en-us/free/>

<https://azure.microsoft.com/en-us/free/free-account-faq/>

<https://docs.microsoft.com/en-us/azure/billing/billing-avoid-charges-free-account>

**QUESTION 138**

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
An Azure service in private preview is released to all Azure customers.	<input type="radio"/>	<input type="radio"/>
An Azure service in public preview is released to all Azure customers.	<input type="radio"/>	<input type="radio"/>
An Azure service in general availability is released to a subset of Azure customers.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
An Azure service in private preview is released to all Azure customers.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure service in public preview is released to all Azure customers.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure service in general availability is released to a subset of Azure customers.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

**QUESTION 139**  
**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
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"/>

Correct Answer:

## Answer Area

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

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

**Explanation/Reference:**

**QUESTION 140**  
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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	<input type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	<input type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

## Answer Area

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	<input checked="" type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	<input checked="" type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

### Section: Understand Azure Pricing and Support Explanation

Explanation/Reference:

### QUESTION 141 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:

Statements	Yes	No
Storing 1 TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located.	<input type="radio"/>	<input type="radio"/>
When you use a general-purpose v2 Azure Storage account, you are only charged for the amount of data that is stored. All read and write operations are free.	<input type="radio"/>	<input type="radio"/>
Transferring data between Azure Storage accounts in different Azure regions is free.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
Storing 1 TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located.	<input type="radio"/>	<input checked="" type="radio"/>
When you use a general-purpose v2 Azure Storage account, you are only charged for the amount of data that is stored. All read and write operations are free.	<input type="radio"/>	<input checked="" type="radio"/>
Transferring data between Azure Storage accounts in different Azure regions is free.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

References:

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview>

**QUESTION 142**

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.

**Correct Answer: B**

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

**Explanation/Reference:**

**QUESTION 143**

You attempt to create several managed Microsoft SQL Server instances in an Azure environment and receive a message that you must increase your Azure subscription limits.

What should you do to increase the limits?

- A. Create a service health alert
- B. Upgrade your support plan
- C. Modify an Azure policy
- D. Create a new support request

**Correct Answer: D**

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

**Explanation/Reference:**

**QUESTION 144**  
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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
If your company uses an Azure free account, you will only be exposed to a subset of Azure services.	<input type="radio"/>	<input type="radio"/>
All Azure free accounts expire after a specific period.	<input type="radio"/>	<input type="radio"/>
You can create up to 10 Azure free accounts by using the same Microsoft account.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**



**Answer Area**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
If your company uses an Azure free account, you will only be exposed to a subset of Azure services.	<input type="radio"/>	<input checked="" type="radio"/>
All Azure free accounts expire after a specific period.	<input checked="" type="radio"/>	<input type="radio"/>
You can create up to 10 Azure free accounts by using the same Microsoft account.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

**QUESTION 145**  
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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**



**Answer Area**

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	<input checked="" type="radio"/>	<input type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

**QUESTION 146**

Your company has 10 offices. You plan to generate several billing reports from the Azure portal. Each report will contain the Azure resource utilization of each office.

Which Azure Resource Manager feature should you use before you generate the reports?

- A. tags
- B. templates
- C. locks
- D. policies

**Correct Answer:** A

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

**Explanation/Reference:**

**QUESTION 147**  
**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
In Azure Active Directory Premium, at least 99.9 percent availability is guaranteed.	<input type="radio"/>	<input type="radio"/>
The Service Level Agreement (SLA) for Azure Active Directory Basic is the same as the SLA for Azure Active Directory Free.	<input type="radio"/>	<input type="radio"/>
All paying Azure customers can claim a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
In Azure Active Directory Premium, at least 99.9 percent availability is guaranteed.	<input checked="" type="radio"/>	<input type="radio"/>
The Service Level Agreement (SLA) for Azure Active Directory Basic is the same as the SLA for Azure Active Directory Free.	<input type="radio"/>	<input checked="" type="radio"/>
All paying Azure customers can claim a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).	<input checked="" type="radio"/>	<input type="radio"/>

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

**Explanation/Reference:**

**QUESTION 148**

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

You deploy an Azure resource. The resource becomes unavailable for an extended period due to a service outage. Microsoft will automatically refund your bank account.

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. automatically migrate the resource to another subscription
- C. automatically credit your account
- D. send you a coupon code that you can redeem for Azure credits

**Correct Answer:** C

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

**Explanation/Reference:**

**QUESTION 149**

**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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
All Azure services in private preview must be accessed by using a separate Azure portal.	<input type="radio"/>	<input type="radio"/>
Azure services in public preview can be used in production environments.	<input type="radio"/>	<input type="radio"/>
Azure services in public preview are subject to a Service Level Agreement (SLA).	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
All Azure services in private preview must be accessed by using a separate Azure portal.	<input type="radio"/>	<input checked="" type="radio"/>
Azure services in public preview can be used in production environments.	<input checked="" type="radio"/>	<input type="radio"/>
Azure services in public preview are subject to a Service Level Agreement (SLA).	<input type="radio"/>	<input checked="" type="radio"/>

**Section: Understand Azure Pricing and Support**

**Explanation**

**Explanation/Reference:**

**QUESTION 150**

**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**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
A Standard support plan is included in an Azure free account.	<input type="radio"/>	<input type="radio"/>
A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).	<input type="radio"/>	<input type="radio"/>
Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.	<input type="radio"/>	<input type="radio"/>

**Correct Answer:**

**Answer Area**

<b>Statements</b>	<b>Yes</b>	<b>No</b>
A Standard support plan is included in an Azure free account.	<input type="radio"/>	<input checked="" type="radio"/>
A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).	<input checked="" type="radio"/>	<input type="radio"/>
Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.	<input type="radio"/>	<input checked="" type="radio"/>

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

**Explanation/Reference:**

**QUESTION 151**

Your company plans to migrate to Azure. The company has several departments. All the Azure resources used by each department will be managed by a department administrator.

You need to recommend an Azure deployment that provides the ability to segment Azure for the departments. The solution must minimize administrative effort.

What should you include in the recommendation?

- A. multiple subscriptions
- B. multiple Azure Active Directory (Azure AD) directories
- C. multiple regions
- D. multiple resource groups

**Correct Answer: A**

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

**Explanation/Reference:**

**QUESTION 152**

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

If Microsoft plans to end support for an Azure service that does NOT have a successor service, Microsoft will provide notification at least 12 months before.

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. 6 months
- C. 90 days
- D. 30 days

**Correct Answer: A**

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

**Explanation/Reference:**

Reference:

<https://support.microsoft.com/en-us/help/30881>

**QUESTION 153**

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
A user who is assigned the Owner role can transfer ownership of an Azure subscription.	<input type="radio"/>	<input type="radio"/>
You can convert the Azure subscription of your company from Free Trial to Pay-As-You-Go.	<input type="radio"/>	<input type="radio"/>
The Azure spending limit is fixed and cannot be increased or decreased.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

**Answer Area**

Statements	Yes	No
A user who is assigned the Owner role can transfer ownership of an Azure subscription.	<input checked="" type="radio"/>	<input type="radio"/>
You can convert the Azure subscription of your company from Free Trial to Pay-As-You-Go.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure spending limit is fixed and cannot be increased or decreased.	<input checked="" type="radio"/>	<input type="radio"/>

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

**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/billing/billing-add-change-azure-subscription-administrator>

<https://docs.microsoft.com/en-us/azure/billing/billing-upgrade-azure-subscription>

<https://docs.microsoft.com/en-us/azure/billing/billing-spending-limit>

**QUESTION 154**

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
With Azure Reservations, you pay less for virtual machines than with pay-as-you-go pricing.	<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"/>

**Correct Answer:**

**Answer Area**

Statements	Yes	No
With Azure Reservations, you pay less for virtual machines than with pay-as-you-go pricing.	<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"/>

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

**Explanation/Reference:**

Reference:

<https://azure.microsoft.com/en-us/reservations/>

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/b-series-burstable>

[https://blogs.technet.microsoft.com/uspartner\\_ts2team/2014/10/10/azure-virtual-machines-stopping-versus-stopping-deallocating/](https://blogs.technet.microsoft.com/uspartner_ts2team/2014/10/10/azure-virtual-machines-stopping-versus-stopping-deallocating/)