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AZ-900

Microsoft Azure Fundamentals

Version 4.0

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

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 type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.	<input 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 type="radio"/>	<input type="radio"/>

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 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:

Azure virtual machines:

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

Azure SQL databases:

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:

Azure virtual machines:

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

Azure SQL databases:

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 checked="" type="radio"/>	<input 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:

References:

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

References:

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

References:

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

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
Fault tolerance	A cloud service that can be recovered after it occurs
Low latency	A cloud service that performs quickly when it increases
Dynamic scalability	A cloud service that can be accessed quickly to the Internet.

Correct Answer:

Answer Options	Answer Area
	A cloud service that remains available after it occurs
	A cloud service that can be recovered after it occurs
	A cloud service that performs quickly when it increases
	A cloud service that can be accessed quickly to the Internet.

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

Statements

Yes

No

To implement a hybrid cloud model, a company must always migrate from a private cloud model.

A company can extend the computing resources of its internal network by using the public cloud.

In a public cloud model, only guest users at your company can access the resources in the cloud.

Correct Answer:

Answer Area

Statements

Yes

No

To implement a hybrid cloud model, a company must always migrate from a private cloud model.

A company can extend the computing resources of its internal network by using the public cloud.

In a public cloud model, only guest users at your company can access the resources in the cloud.

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 checked="" type="radio"/>	<input 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

All the Azure resources deployed to a single resource group must share the same Azure region.

If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions.

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 26

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 27

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 28
HOTSPOT

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

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

What should you identify for each computer? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Computer1:	<input type="checkbox"/> The Azure CLI and the Azure portal <input type="checkbox"/> The Azure portal and Azure PowerShell <input checked="" type="checkbox"/> The Azure CLI and Azure PowerShell <input type="checkbox"/> The Azure CLI, the Azure portal, and Azure PowerShell
Computer2:	<input type="checkbox"/> The Azure CLI and the Azure portal <input type="checkbox"/> The Azure portal and Azure PowerShell <input checked="" type="checkbox"/> The Azure CLI and Azure PowerShell <input type="checkbox"/> The Azure CLI, the Azure portal, and Azure PowerShell
Computer3:	<input type="checkbox"/> The Azure CLI and the Azure portal <input type="checkbox"/> The Azure portal and Azure PowerShell <input checked="" type="checkbox"/> The Azure CLI and Azure PowerShell <input type="checkbox"/> The Azure CLI, the Azure portal, and Azure PowerShell

Correct Answer:

Answer Area

Computer1:	The Azure CLI and the Azure portal The Azure portal and Azure PowerShell The Azure CLI and Azure PowerShell The Azure CLI, the Azure portal, and Azure PowerShell	▼
Computer2:	The Azure CLI and the Azure portal The Azure portal and Azure PowerShell The Azure CLI and Azure PowerShell The Azure CLI, the Azure portal, and Azure PowerShell	▼
Computer3:	The Azure CLI and the Azure portal The Azure portal and Azure PowerShell The Azure CLI and Azure PowerShell The Azure CLI, the Azure portal, and Azure PowerShell	▼

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

Correct Answer:

Answer Options	Answer Area	
Azure Machine Learning	Azure AI bot	Provides a digital online assistant that provides speech support
Azure IoT Hub	Azure Machine Learning	Uses past trainings to provide predictions that have high probability
Azure AI bot	Azure Functions	Provides serverless computing functionalities
Azure Functions	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	Answer Area	
Azure Databricks		Provides the platform for serverless code
Azure Functions		A big data analysis service for machine learning
Azure App Service		Detects and diagnoses anomalies in web apps
Azure Application Insights		Hosts web app

Correct Answer:

Answer Options	Answer Area	
Azure Databricks	Azure Functions	Provides the platform for serverless code
Azure Functions	Azure Databricks	A big data analysis service for machine learning
Azure App Service	Azure Application Insights	Detects and diagnoses anomalies in web apps
Azure Application Insights	Azure App Service	Hosts web app

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	✓
2	
3	

Minimum number of availability zones:

1	✓
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:

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:

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:

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 checked="" 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 checked="" 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 checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input checked="" type="radio"/>	<input type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input 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:**

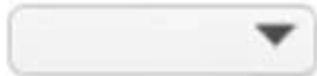
QUESTION 48
HOTSPOT

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:

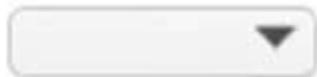
Answer Area

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

Correct Answer:**Answer Area**

NETWORKING (20)	
<input type="checkbox"/> Virtual networks	★
<input type="checkbox"/> Load balancers	★
<input type="checkbox"/> Virtual network gateways	★
<input type="checkbox"/> DNS zones	★
<input type="checkbox"/> Traffic Manager profiles	★
<input type="checkbox"/> Network Watcher	★
<input type="checkbox"/> Network security groups (classic)	★
<input type="checkbox"/> Public IP addresses	★
<input type="checkbox"/> Connections	★
<input type="checkbox"/> Route tables	★
<input type="checkbox"/> Virtual networks (classic)	★
<input type="checkbox"/> Application gateways	★
<input checked="" type="checkbox"/> Local network gateways	★
<input type="checkbox"/> CDN profiles	★
<input type="checkbox"/> ExpressRoute circuits	★
<input type="checkbox"/> Network security groups	★
<input type="checkbox"/> Network interfaces	★
<input type="checkbox"/> Reserved IP addresses (classic)	★
<input type="checkbox"/> On-premises Data Gateways	★
<input type="checkbox"/> 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:



Correct Answer:



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:

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

Correct Answer:

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

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:

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

Blobs REST-based object storage for unstructured data Explore data using OAuth preview Learn more	Files File shares that use the standard rd SMB 3.0 protocol Learn more
Tables Tabular data storage Learn more	Queues Effectively scale apps according to traffic Explore data using OAuth preview Learn more

Correct Answer:

Answer Area

Blobs REST-based object storage for unstructured data Explore data using OAuth preview Learn more	Files File shares that use the standard rd SMB 3.0 protocol Learn more
Tables Tabular data storage Learn more	Queues Effectively scale apps according to traffic Explore data using OAuth preview Learn more

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:

Databases (15)	
Azure Cosmos DB	★
Azure Database for MySQL servers	★
SQL servers	★
Azure Database Migration Services	★
SQL Server stretch databases	★
SQL elastic pools	★
Managed databases	★
SQL managed instances	★
PREVIEW	
SQL databases	★
Azure Database for PostgreSQL servers	★
SQL data warehouse	★
Redis Caches	★
Data factories	★
Virtual clusters	★
Elastic Job agents	PREVIEW

Correct Answer:

Databases (15)	
Azure Cosmos DB	★
Azure Database for MySQL servers	★
SQL servers	★
Azure Database Migration Services	★
SQL Server stretch databases	★
SQL elastic pools	★
Managed databases	★
SQL managed instances	★
PREVIEW	
SQL databases	★
Azure Database for PostgreSQL servers	★
SQL data warehouse	★
Redis Caches	★
Data factories	★
Virtual clusters	★
Elastic Job agents	PREVIEW

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: D

Section: Understand Core Azure Services

Explanation

Explanation/Reference:

QUESTION 70

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 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 type="radio"/>	<input checked="" 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 71

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 72

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 73

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 74

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.

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:

QUESTION 75

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 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.

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 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.

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 78

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 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:

Answer Area

Statements	Yes	No
To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.	<input type="radio"/>	<input type="radio"/>
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	<input type="radio"/>	<input type="radio"/>
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	<input type="radio"/>	<input type="radio"/>

Correct Answer:**Answer Area**

Statements	Yes	No
To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.	<input type="radio"/>	<input checked="" type="radio"/>
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	<input type="radio"/>	<input checked="" type="radio"/>

**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:

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

Correct Answer:

Answer Options	Answer Area
Azure Government	ISO
GDPR	NIST
ISO	GDPR
NIST	Azure Government

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 deletion of the resources in RG1.

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

Hot Area:



RG1 Resource group

Search (Ctrl + /)

<<

Overview

Activity log

Access control (IAM)

Tags

Events

Settings

Quickstart

Resource costs

Deployments

Policies

Properties

Locks

Automation script

Monitoring

Insights(preview)

Alerts

Metrics

Diagnostic settings

Advisor recommendations

Correct Answer:



RG1 Resource group

Search (Ctrl + /)

<<

Overview

Activity log

Access control (IAM)

Tags

Events

Settings

Quickstart

Resource costs

Deployments

Policies

Properties

Locks

Automation script

Monitoring

Insights(preview)

Alerts

Metrics

Diagnostic settings

Advisor recommendations

Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

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.

If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.

To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.

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 checked="" 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 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

Statements

Yes

No

Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.

A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.

Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.

Correct Answer:

Answer Area

Statements

Yes

No

Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.

A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.

Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.

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 option 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 checked="" type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input type="radio"/>	<input checked="" type="radio"/>
From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.	<input checked="" 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
-------------------	------------	-----------

An Azure service in private preview is released to all Azure customers.

An Azure service in public preview is released to all Azure customers.

An Azure service in general availability is released to a subset of Azure customers.

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 104
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 105**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
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 checked="" 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 106

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 107

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 108

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
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 type="radio"/>	<input checked="" type="radio"/>
You can create up to 10 Azure free accounts by using the same Microsoft account.	<input type="radio"/>	<input checked="" type="radio"/>

Correct Answer:

.....
Answer Area

Statements	Yes	No
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 109

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
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 checked="" type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input checked="" 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 110

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 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
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

Statements	Yes	No
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 112

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 113

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 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

Statements	Yes	No
All Azure services in private preview must be accessed by using a separate Azure portal.	<input checked="" type="radio"/>	<input 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 114

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 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**

Statements	Yes	No
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 115**

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 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	▼
Maximum Available Minutes	▼
(Maximum Available Minutes – Downtime in Minutes)	x

+

60	▼
1,440	▼
Maximum Available Minutes	x

100	▼
99.99	▼
1.440	▼

Correct Answer:

Answer Area

Downtime in Minutes	▼
Maximum Available Minutes	▼
(Maximum Available Minutes – Downtime in Minutes)	x

+

60	▼
1,440	▼
Maximum Available Minutes	x

100	▼
99.99	▼
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/

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.

By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.

By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

By creating additional resource groups in an Azure subscription, additional costs are incurred.

By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.

By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.

**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

Statements

Yes

No

Most Azure services are introduced in private preview before being introduced in public preview, and then in general availability.

Azure services in public preview can be managed only by using the Azure CLI.

The cost of an Azure service in private preview decreases when the service becomes generally available.

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.

Azure services in public preview can be managed only by using the Azure CLI.

The cost of an Azure service in private preview decreases when the service becomes generally available.

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 #1 *Topic 1*

DRAG DROP -

Your company intends to subscribe to an Azure support plan.

The support plan must allow for new support requests to be opened.

Which of the following are support plans that will allow this? Answer by dragging the correct option from the list to the answer area.

Select and Place:

Options	Answer
Basic	
Developer	
Standard	
PROFESSIONAL DIRECT	
PREMIER	

Options	Answer
Basic	Developer
Developer	Standard
Standard	PROFESSIONAL DIRECT
PROFESSIONAL DIRECT	PREMIER
PREMIER	

Correct Answer:

Question #2 *Topic 1*

Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.

You are configuring the two datacenters as geo-clustered sites for site resiliency.

You need to recommend an Azure storage redundancy option.

You have the following data storage requirements:

- ☞ Data must be stored on multiple nodes.
- ☞ Data must be stored on nodes in separate geographic locations.
- ☞ Data can be read from the secondary location as well as from the primary location

Which of the following Azure stored redundancy options should you recommend?

- A. Geo-redundant storage
- B. Read-only geo-redundant storage
- C. Zone-redundant storage
- D. Locally redundant storage

Question #3Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You company's Azure subscription includes a Basic support plan.

They would like to request an assessment of an Azure environment's design from Microsoft. This is, however, not supported by the existing plan.

You want to make sure that the company subscribes to a support plan that allows this functionality, while keeping expenses to a minimum.

Solution: You recommend that the company subscribes to the Professional Direct support plan.

Does the solution meet the goal?

- A. Yes
- B. No

Question #4Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Software as a Service (SaaS).

Does the solution meet the goal?

- A. Yes
- B. No

Question #5Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Platform as a Service (PaaS).

Does the solution meet the goal?

- A. Yes
- B. No

Question #6Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

Solution: You should make use of Infrastructure as a Service (IaaS).

Does the solution meet the goal?

- A. Yes
- B. No

Question #7Topic 1

Your developers have created 10 web applications that must be host on Azure.

You need to determine which Azure web tier plan to host the web apps. The web tier plan must meet the following requirements:

- ⇒ The web apps will use custom domains.
- ⇒ The web apps each require 10 GB of storage.
- ⇒ The web apps must each run in dedicated compute instances.
- ⇒ Load balancing between instances must be included.
- ⇒ Costs must be minimized.

Which web tier plan should you use?

- A. Standard
- B. Basic
- C. Free
- D. Shared

Question #8Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are planning to migrate a company to Azure. Each of the company's numerous divisions will have an administrator in place to manage the Azure resources used by their respective division.

You want to make sure that the Azure deployment you employ allows for Azure to be segmented for the divisions, while keeping administrative effort to a minimum.

Solution: You plan to make use of several Azure Active Directory (Azure AD) directories.

Does the solution meet the goal?

- A. Yes
- B. No

Question #9Topic 1

Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment.

You plan to host the web app on Azure.

You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:

- ⇒ The website will use the miami.weyland.com URL.
- ⇒ The website will be deployed to two instances.
- ⇒ SSL support must be included.
- ⇒ The website requires 12 GB of storage.
- ⇒ Costs must be minimized.

Which web tier plan should you use?

- A. Standard
- B. Basic
- C. Free
- D. Shared

Question #10Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the elastic expenditure model.

Does the solution meet the goal?

- A. Yes
- B. No

Question #11Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the scalable expenditure model.

Does the solution meet the goal?

- A. Yes
- B. No

Question #12Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.

You are required make sure that the intended Azure solution uses the correct expenditure model.

Solution: You should recommend the use of the operational expenditure model.

Does the solution meet the goal?

- A. Yes
- B. No

Question #13Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are required to deploy an Artificial Intelligence (AI) solution in Azure.

You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Cosmos DB.

Does the solution meet the goal?

- A. Yes
- B. No

Question #14Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's Active Directory forest includes thousands of user accounts.

You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.

You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (Azure AD). Does the solution meet the goal?

- A. Yes
- B. No

Question #15Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are required to deploy an Artificial Intelligence (AI) solution in Azure.

You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Machine Learning Studio.

Does the solution meet the goal?

- A. Yes
- B. No

Question #16Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that the Azure API Management service be included in the strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #17Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that management groups be included in the strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #18*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.

The resources required by each business unit are identical.

You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that the Azure Resource Manager templates be included in the strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #19*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include two virtual machines and one availability zone in your strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #20*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include one virtual machine and two availability zones in your strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #21*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

Solution: You include two virtual machines and two availability zones in your strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #22*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.

You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of Microsoft Managed Desktop.

Does the solution meet the goal?

- A. Yes
- B. No

Question #23*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.

You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of Azure Reserved Virtual Machines (VM) Instances.

Does the solution meet the goal?

- A. Yes
- B. No

Question #24Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.

You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: You recommend the use of Azure DevTest Labs.

Does the solution meet the goal?

- A. Yes
- B. No

Question #25Topic 1

Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1.

The company has users that work remotely. The remote workers require access to the VMs on VNet1.

You need to provide access for the remote workers.

What should you do?

- A. Configure a Site-to-Site (S2S) VPN.
- B. Configure a VNet-toVNet VPN.
- C. Configure a Point-to-Site (P2S) VPN.
- D. Configure DirectAccess on a Windows Server 2012 server VM.
- E. Configure a Multi-Site VPN

Question #26Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.

You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Information Protection.

Does the solution meet the goal?

- A. Yes
- B. No

Question #27Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.

You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Multi-Factor Authentication (MFA).

Does the solution meet the goal?

- A. Yes
- B. No

Question #28Topic 1

DRAG DROP -

The company would like to develop a cloud solution by making use of Azure Government. Azure Government can only be used by certain types of clients to develop cloud solutions.

Which of the following are the types of customers that can make use of Azure Government in this situation? Answer by dragging the correct option from the list to the answer area.

Select and Place:

A government contractor from any country.
A government entity from any country.
A European government contractor.
A European government entity.
A United States government contractor.
A United States government entity.

Answer

A government contractor from any country.
A government entity from any country.
A European government contractor.
A European government entity.
A United States government contractor.
A United States government entity.

A United States government contractor.
A United States government entity.

Options

Answer

Answer:

Question #29Topic 1

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.

You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure AD Identity Protection.

Does the solution meet the goal?

- A. Yes
- B. No

Question #30*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.

You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure AD Privileged Identity Management.

Does the solution meet the goal?

- A. Yes
- B. No

Question #31*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are planning a strategy to deploy numerous web servers and database servers to Azure.

This strategy should allow for connection types between the web servers and database servers to be controlled.

Solution: You include network security groups (NSGs) in your strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #32*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

You are planning a strategy to deploy numerous web servers and database servers to Azure.

This strategy should allow for connection types between the web servers and database servers to be controlled.

Solution: You include a local network gateway in your strategy.

Does the solution meet the goal?

- A. Yes
- B. No

Question #33*Topic 1*

Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company's Active Directory forest includes thousands of user accounts.

You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.

You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

Solution: You plan to require Azure Multi-Factor Authentication (MFA).

Does the solution meet the goal?

- A. Yes
- B. No

Question #34 *Topic 1* (A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications)

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 platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically .

A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.

Question #35 *Topic 1* (Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx))

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).

If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.

When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.

Question #36 *Topic 1* (When you are implementing as Software as a Service (SaaS) solution, you are responsible for)

HOTSPOT -

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

Hot Area:

Answer Area

When you are implementing a Software as a Service (SaaS) solution, you are responsible for

- configuring high availability.
- defining scalability rules.
- installing the SaaS solution.
- configuring the SaaS solution.

When you are implementing a Software as a Service (SaaS) solution, you are responsible for configuring the SaaS solution.

Question #37 *Topic 1*

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

Question #38 *Topic 1* (An organization that hosts its infrastructure in a public cloud can no longer requires a data center)

HOTSPOT -

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

Hot Area:

Answer Area

An organization that hosts its infrastructure

- in a private cloud
- in a hybrid cloud
- in the public cloud
- on a Hyper-V host

no longer requires a data center.

An organization that hosts its infrastructure in a public cloud can close its data center.

Question #39Topic 1

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

Question #40Topic 1 (When planning to migrate a public website to Azure, you must plan to pay monthly usage costs)

HOTSPOT -

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

Hot Area:

Answer Area

When planning to migrate a public website to Azure,
you must plan to

- deploy a VPN.
- pay monthly usage costs.**
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

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

Question #41Topic 1

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 meets the company migration plan.

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

Does this meet the goal?

- A. Yes
- B. No

Question #42Topic 1

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 meets the company migration plan.

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

Question #43Topic 1

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 meets the company migration plan.

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

Does this meet the goal?

- A. Yes
- B. No

Question #44Topic 1

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

Question #45Topic 1

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)

Question #46Topic 1(Azure virtual machines are Infrastructure as a service (IaaS))

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.

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)

Question #47Topic 1

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

Question #48 *Topic 1* (To achieve a hybrid cloud model, a company must always migrate from a private cloud model)

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 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"/>

Question #49 *Topic 1*

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

What is an advantage of using a public cloud service for the servers over an on-premises network?

- 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

Question #50 *Topic 1* (Azure Site Recovery provides fault tolerance for virtual machines)

HOTSPOT -

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

Hot Area:

Answer Area

Azure Site Recovery provides  for virtual machines.

<input checked="" type="checkbox"/> fault tolerance
<input type="checkbox"/> disaster recovery
<input type="checkbox"/> elasticity
<input type="checkbox"/> high availability

Azure Site Recovery provides fault tolerance for virtual machines.

Question #51Topic 1

In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

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

Question #52Topic 1(An Azure web app that queries an on-premises Microsoft SQL server is an example of a hybrid cloud)

HOTSPOT -

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

Hot Area:

Answer Area

An Azure web app that queries an on-premises Microsoft SQL server is an example of a cloud.

hybrid
multi-vendor
private
public

Question #53Topic 1

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

Question #54Topic 1

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.

Answer Options

Answer Area

A cloud service that remains available after a failure occurs

A cloud service that can be recovered after a failure occurs

A cloud service that performs quickly when demand increases

A cloud service that can be accessed quickly from the Internet.

Fault tolerance

Disaster recovery

Dynamic scalability

Low latency

Question #55 *Topic 1* (To implement a hybrid cloud model, a company must have an internal network)
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 implement a hybrid cloud model, a company must have an internal network.

A company can extend the computing resources of its internal network by using a hybrid cloud.

In a public cloud model, only guest users at your company can access the resources in the cloud.

Question #56 *Topic 1* (A Platform as a Service (PaaS) solution provides full control of operating systems that host applications)

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 Platform as a Service (PaaS) solution provides full control of operating systems that host applications.

A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.

A Platform as a Service (PaaS) solution can automatically scale the number of instances.

Question #57Topic 1

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

The company plans to reduce the following administrative responsibilities:

- ⇒ 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 servers to Azure virtual machines.

You need to identify which administrative responsibilities will be eliminated 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

Question #58Topic 1(Azure Pay-As-You-Go pricing is an example of CapEx)

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 checked="" type="radio"/>
Paying electricity for your datacenter is 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"/>

Question #59Topic 1

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

Question #60Topic 1

To which cloud models can you deploy physical servers?

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

Question #61 *Topic 1*

DRAG DROP -

Match the cloud model to the correct advantage.

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

NOTE: Each correct match is worth one point

Select and Place:

Cloud model	Work Area
Hybrid Cloud	Public Cloud
Private Cloud	Private Cloud
Public Cloud	Hybrid Cloud

No required capital expenditure.

Provides complete control over security.

Provides a choice to use on-premises or cloud-based resources.

Question #62 *Topic 1* (A company can extend a private cloud by adding its own physical servers to the public cloud)

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 company can extend a private cloud by adding its own physical servers to the public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
To build a hybrid cloud, you must deploy resources to the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
A private cloud must be disconnected from the internet.	<input type="radio"/>	<input checked="" type="radio"/>

Question #63 *Topic 1*

You have 50 virtual machines hosted on-premises and 50 virtual machines hosted in Azure. The on-premises virtual machines and the Azure virtual machines connect to each other.

Which type of cloud model is this?

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

Question #64 *Topic 1* (A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications)

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 platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.

A Platform as a Service (PaaS) solution that hosts web apps in Azure can be configured to automatically scale the number of instances based on demand.

Question #65 *Topic 1*

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 meets the company migration plan.

Solution: You create Azure virtual machines, Azure SQL databases, and Azure Storage accounts.

Does this meet the goal?

- A. Yes
- B. No

Question #66Topic 1

Your company plans to deploy several custom applications to Azure. The applications will provide invoicing services to the customers of the company. Each application will have several prerequisite applications and services installed.

You need to recommend a cloud deployment solution for all the applications.

What should you recommend?

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

Question #67Topic 1 (Building a data center infrastructure is an example of operational expenditure (OpEx) costs)

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**

Building a data center infrastructure is an example of operational expenditure (OpEx) costs.

Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.

Leasing software is an example of operational expenditure (OpEx) costs.

Question #68Topic 1 (Azure Cosmos DB is an example of a platform as a service (PaaS) offering)

HOTSPOT -

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

Hot Area:

Answer Area

Azure Cosmos DB is an example of a

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

offering.

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

Question #69 *Topic 1* (With software as a service (SaaS) you must apply software updates)

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 software as a service (SaaS), you must apply software updates.

With infrastructure as a service (IaaS), you must install the software that you want to use.

Azure Backup is an example of platform as a service (PaaS).

Question #70 *Topic 1* (You can create a resource group inside of an other resource group)

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
------------	-----	----

You can create a resource group inside of an other resource group.

An Azure virtual machine can be in multiple resource groups.

A resource group can contain resources from multiple Azure regions.

Question #71 *Topic 1* (Microsoft SQL server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS))

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
------------	-----	----

Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).

Azure SQL Database is an example of platform as a service (PaaS).

Azure Cosmos DB is an example of software as a service (SaaS).

Question #72 *Topic 1* (A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of platform as a service)

HOTSPOT -

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

Hot Area:

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure
is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).**
- software as a service (SaaS).

Question #73 *Topic 1*

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 meets the company's migration plan.

What should you create?

- A. Azure virtual machines, Azure SQL databases, and Azure Storage accounts.
- B. an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.
- C. an Azure App Service and Azure SQL databases.
- D. Azure storage accounts and web server in Azure virtual machines.

Question #74 *Topic 1*

What does a customer provide in a software as a service (SaaS) model?

- A. application data
- B. data storage
- C. compute resources
- D. application software

Question #75Topic 1(Azure Files is an example of infrastructure as a service)

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 Files is an example of infrastructure as a service
(IaaS).

A DNS server that runs on an Azure virtual machine
is an example of platform as a service (PaaS).

Microsoft Intune is an example of software as a service
(SaaS).

Question #76Topic 1(Cloud computing provides elastic scalability)

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
------------	-----	----

Cloud computing provides elastic scalability.

Customers can minimize capital expenditure
(CapEx) by using a public cloud.

Cloud computing leverages virtualization to provide
services to multiple customers simultaneously.

Question #77Topic 1

What is the first stage in the Microsoft Cloud Adoption Framework for Azure?

- A. Adopt the cloud.
- B. Make a plan.
- C. Ready your organization.
- D. Define your strategy.

Question #78 *Topic 1* (When you need to delegate permission to several Azure virtual machines simultaneously, you must deploy the Azure virtual machines to the same resource group)

HOTSPOT -

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

Hot Area:

Answer Area

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

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.**
- to the same availability zone.

Question #79 *Topic 1*

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

Question #80 *Topic 1*

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

Question #81Topic 1

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

Question #82Topic 1(Azure resources can only access other resources in the same resource group)

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 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"/>

Question #83Topic 1

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

Question #84Topic 1(<https://>)

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.	azur.
portal.	azurewebsites.
www.	microsoft.

Question #85Topic 1

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

Question #86Topic 1(Local network gateways)

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 defines the VPN appliance in Azure.

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

Hot Area:

Answer Area

Services		
	NAT gateways	
	Application gateways	
	Local network gateways	
	Virtual network gateways	
	On-premises Data Gateways	
	Azure Data Box Gateway	
	Azure Stack Edge / Data Box Gateway	
	Web Application Firewall policies	

Question #87Topic 1

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

Question #88Topic 1

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 a scale set.

Does this meet the goal?

- A. Yes
- B. No

Question #89Topic 1(An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants)

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 subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.	<input type="radio"/>	<input checked="" type="radio"/>
You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.	<input checked="" type="radio"/>	<input type="radio"/>
When an Azure subscription expires, the associated Azure Active Directory (Azure AD) tenant is deleted automatically.	<input type="radio"/>	<input checked="" type="radio"/>

Question #90Topic 1

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

Question #91Topic 1

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.

What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

Question #92Topic 1(A single Microsoft account can be used to manage multiple Azure subscriptions)

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 checked="" type="radio"/>
-----------------------	----------------------------------

Two Azure subscriptions can be merged into a single subscription.

<input checked="" type="radio"/>	<input type="radio"/>
----------------------------------	-----------------------

A company can use resources from multiple subscriptions.

<input type="radio"/>	<input checked="" type="radio"/>
-----------------------	----------------------------------

Question #93 *Topic 1* (You have several virtual machines in an Azure subscription. You create a new subscription.)

HOTSPOT -

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

Hot Area:

Answer Area

You have several virtual machines in an Azure subscription.
You create a new subscription.

- The virtual machines cannot be moved to the new subscription.
- The virtual machines can be moved to the new subscription.**
- The virtual machines can be moved to the new subscription only if they are all in the same resource group.
- The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

You can move a VM and its associated resources to a different subscription by using the Azure portal. Moving between subscriptions can be handy if you originally created a VM in a personal subscription and now want to move it to your company's subscription to continue your work. You do not need to start the VM in order to move it and it should continue to run during the move.

Question #94 *Topic 1*

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

Question #95 *Topic 1*

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

Question #96 *Topic 1* (Each Azure subscription can contain multiple account administrators)

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
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input checked="" type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

Question #97 *Topic 1* (Availability zones can be implemented in all Azure regions)

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.

Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure 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"/>

Hot Area:

Question #98 *Topic 1* (Containers)

HOTSPOT -

You plan to create an Azure virtual machine.

You need to identify which storage service must be used to store the unmanaged data disks of the virtual machine.

What should you identify? To answer, select the appropriate service in the answer area.

Answer Area

 Containers Scalable, cost-effective storage for unstructured data Learn more	 File shares Serverless SMB file shares Learn more
 Tables Tabular data storage Learn more	 Queues Effectively scale apps according to traffic Learn more

Question #99Topic 1

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

Question #100Topic 1

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 File service in a storage account
- D. a Blob service in a storage account

Question #101Topic 1(Azure Cosmos DB)

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:

DATABASES (16) _____

 Azure Cosmos DB	
 Azure Database for MySQL servers	
 Azure Database for MariaDB servers	
 SQL Data warehouses	
 Azure Cache for Redis	
 Data factories	
 Virtual Clusters	
 Elastic Job agents	
PREVIEW	
 SQL databases	
 Azure Database for PostgreSQL servers	
 SQL servers	
 Azure Database Migration Services	
 SQL Server stretch databases	
 SQL elastic pools	
 Managed databases	
 SQL managed instances	

Question #102Topic 1

Your company plans to start using Azure and will 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

Question #103Topic 1 (All the Azure resources deployed to a resource group must use the same Azure region)

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 resource group must use the same Azure region.

If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.

Question #104Topic 1 (Data that is stored in the Archive access tier of an Azure Storage account)

HOTSPOT -

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

Hot Area:

Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

Question #105 *Topic 1* (Minimum number of virtual machines)

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	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

Question #106 *Topic 1*

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

- A. Azure Event Hubs
- B. Azure Analysis Services
- C. Azure Monitor
- D. Azure Stream Analytics

Question #107 *Topic 1* (An Availability Zone in Azure has physically separate locations within a single Azure region)

HOTSPOT -

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

Hot Area:

Answer Area

An Availability Zone in Azure has physically separate locations

across two continents.	▼
within a single Azure region.	
within multiple Azure regions.	
within a single Azure datacenter.	

Question #108 *Topic 1* (Data that is stored in an Azure Storage account automatically has at least three copies)

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 stored in an Azure Storage account automatically has 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"/>

Question #109 *Topic 1* (If you have Azure resources deployed to every region, you can implement availability zones in all the regions)

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 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"/>

Question #110 *Topic 1* (North America is represented by a single Azure region)

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
North America is represented by a single Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
Every Azure region has multiple datacenters.	<input checked="" type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input checked="" type="radio"/>

Question #111Topic 1

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

Question #112Topic 1

You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.

What should you use?

- A. Azure Monitor
- B. Azure Service Health
- C. Azure Advisor
- D. Microsoft Trust Center

Question #113Topic 1(A managed service that provides bidirectional communication between IoT devices and Azure)

DRAG DROP -

Match the Azure Services service to the correct description.

Instructions: To answer, drag the appropriate 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:

Services	Answer Area
	IoT Hub A managed service that provides bidirectional communication between IoT devices and Azure
	IoT Central A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale
	Azure Sphere A software and hardware solution that provides communication and security features for IoT devices

Question #114 *Topic 1*(A Windows Virtual Desktop sessions host can run Windows 10 only)

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 Windows Virtual Desktop session host can run Windows 10 only.

A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.

Windows Virtual Desktop supports desktop and app virtualization.

Question #115 *Topic 1*(Can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure)

HOTSPOT -

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

Hot Area:

Answer Area

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.

Question #116 *Topic 1*(You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure)

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**

You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.

You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.

You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.

Question #117 *Topic 1*(An Azure subscription can have multiple account administrators)

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 subscription can have multiple account administrators

An Azure subscription can be managed by using a Microsoft account only

An Azure resource group can contain multiple Azure subscriptions

Question #118 *Topic 1* (An Azure region contains one or more data centers that are connected by using a low-latency network)

HOTSPOT -

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

Hot Area:

Answer Area

An Azure region	
	contains one or more data centers that are connected by using a low-latency network.
	is found in each country where Microsoft has a subsidiary office.
	can be found in every country in Europe and the Americas only.
	contains one or more data centers that are connected by using a high-latency network.

Question #119 *Topic 1* (To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD)

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 use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input checked="" type="radio"/>	<input type="radio"/>

Question #120 *Topic 1*

You plan to deploy several Azure virtual machines.

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

What are two possible solutions? Each correct answer presents a complete solution.

- A. Deploy the virtual machines to two or more availability zones.
- B. Deploy the virtual machines to two or more resource groups.
- C. Deploy the virtual machines to a scale set.
- D. Deploy the virtual machines to two or more regions.

Question #121 *Topic 1*(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)

HOTSPOT -

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

Hot Area:

Answer Area

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

Question #122 *Topic 1*(A fully managed data warehouse that has integral security at every level of scale at no extra cost)

DRAG DROP -

Match the Azure service to the appropriate description.

To answer, drag the appropriate 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:

Services	Answer Area
	Azure Synapse Analytics A fully managed data warehouse that has integral security at every level of scale at no extra cost.
	Azure Cosmos DB A globally distributed database that supports NoSQL.
	Azure HDInsight Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

Question #123 *Topic 1* (The Archive access tier is set at the storage account level)

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
The Archive access tier is set at the storage account level.	<input checked="" type="radio"/>	<input type="radio"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input checked="" type="radio"/>	<input type="radio"/>
The Cool access tier is recommended for long term backups.	<input type="radio"/>	<input checked="" type="radio"/>

Question #124 *Topic 1* (Provides the platform for serverless code)

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	Answer Area	
Azure Databricks	Azure Functions	Provides the platform for serverless code
Azure Functions	Azure Databricks	A big data analysis service for machine learning
Azure App Service	Azure Application Insights	Detects and diagnoses anomalies in web apps
Azure Application Insights	Azure App Service	Hosts web apps

Question #125 *Topic 1*

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

Question #126*Topic 1*

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

Question #127*Topic 1*

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 a tablet that runs the Android operating system.

Solution: You use PowerShell in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Question #128*Topic 1*

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 a tablet that runs the Android operating system.

Solution: You use the PowerApps portal.

Does this meet the goal?

- A. Yes
- B. No

Question #129 *Topic 1*

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 a tablet that runs the Android operating system.

Solution: You use the Azure portal.

Does this meet the goal?

- A. Yes
- B. No

Question #130 *Topic 1* (Azure Databricks is an Apache Spark-based analytics service)

HOTSPOT -

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

Hot Area:

Answer Area

is an Apache Spark-based analytics service.

Azure Databricks
Azure Data Factory
Azure DevOps
Azure Synapse Analytics

Question #131 *Topic 1* (Azure Monitor can monitor the performance of on-premises computers)

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 Monitor can monitor the performance of on-premises computers.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input checked="" type="radio"/>	<input type="radio"/>

Question #132Topic 1

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

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

Question #133Topic 1

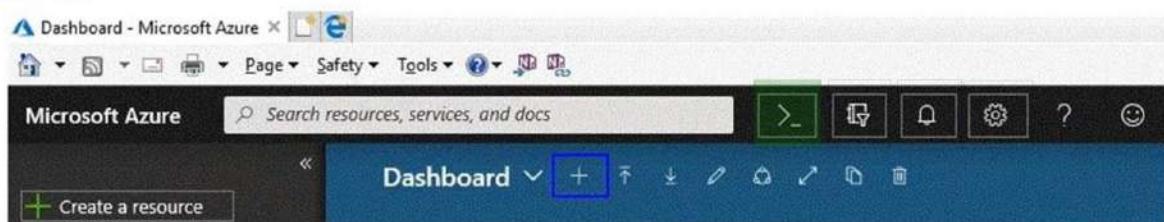
HOTSPOT -

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



You can access Azure Cloud Shell in the Azure portal by clicking the icon.

Question #134Topic 1

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

Question #135Topic 1

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

Question #136Topic 1

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

Question #137Topic 1(From Azure Service Health, an administrator can view the health of all the services in an Azure environment)

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 in an Azure environment.	<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	<input type="radio"/>	<input checked="" type="radio"/>

Question #138Topic 1

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?

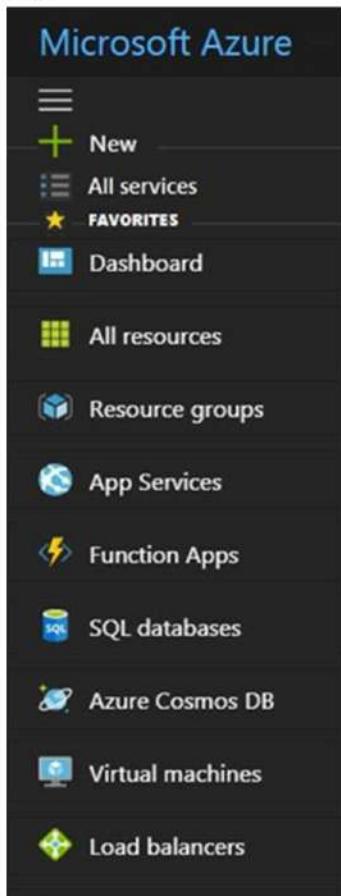
- A. Yes
- B. No

Question #139 *Topic 1*

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.



On the Help and Support blade, there is a Service Health option. If you click Service Health, a new blade opens. The Service Health blade contains the Planned Maintenance link which opens a blade where you can view a list of planned maintenance events that can affect the availability of an Azure subscription.

Question #140 *Topic 1* (An integrated solution for the deployment of code)

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:

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

Question #141 *Topic 1* (A managed relational cloud database service)

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 SQL Database A managed relational cloud database service.
	Azure SQL Synapse 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 Data Lake Analytics Can run massively parallel data transformation and processing programs across petabytes of data
	Azure HDInsight An open-source framework for the distributed processing and analysis of big data sets in clusters

Question #142 *Topic 1* (Monitor the health of Azure services)

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.

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

Question #143 *Topic 1*

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 a tablet that runs the Android operating system.

Solution: You use Bash in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Question #144Topic 1

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

Question #145Topic 1

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

Question #146Topic 1

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

Question #147Topic 1

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

Question #148Topic 1

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 Designer
- C. Azure Batch
- D. Azure Cosmos DB

Question #149Topic 1(Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup)

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.

If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.

To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.

Question #150Topic 1

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

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

Question #201 Topic 1

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

Question #202 Topic 1

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

From Azure Cloud Shell, you can track your company's regulatory standards and regulations, such as ISO 27001.

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 Microsoft Cloud Partner Portal
- C. Compliance Manager
- D. the Trust Center

Question #203 Topic 1 (You can create Group Policies in Azure Active Directory (Azure AD))

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
You can create Group Policies in Azure Active Directory (Azure AD).	<input checked="" type="radio"/>	<input type="radio"/>
You can join Windows 10 devices to Azure Active Directory (Azure AD).	<input checked="" type="radio"/>	<input type="radio"/>
You can join Android devices to Azure Active Directory (Azure AD).	<input type="radio"/>	<input checked="" type="radio"/>

Question #204 *Topic 1* (The Microsoft Online Services Privacy Statement explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data)

HOTSPOT -

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

Hot Area:

Answer Area

The

Microsoft Online Services Privacy Statement
Microsoft Product Terms
Microsoft Online Service Level Agreement
Online Subscription Agreement for Microsoft Azure

explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

Question #205 *Topic 1* (Authentication is the process of verifying a user's credentials)

HOTSPOT -

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

Hot Area:

Answer Area

is the process of verifying a user's credentials.

Authorization
Authentication
Federation
Ticketing

Question #206 *Topic 1* (An Azure Policy initiative definition is a collection of policy definitions)

HOTSPOT -

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

Hot Area:

Answer Area

An Azure Policy initiative definition is a

collection of policy definitions
collection of Azure Policy definition assignments
group of Azure Blueprints definitions
group of role-based access control (RBAC) role assignments

Question #207 *Topic 1* (Azure policies provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions)

HOTSPOT -

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

Hot Area:

Answer Area

Resource groups
Management groups
Azure policies
Azure App Service plans

provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

Question #208 *Topic 1* (General Data Protection Regulation (GDPR) defines data protection and privacy rules)

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
General Data Protection Regulation (GDPR) defines data protection and privacy rules.	<input checked="" type="radio"/>	<input type="radio"/>
General Data Protection Regulation (GDPR) applies to companies that offer goods or services to individuals in the EU.	<input checked="" type="radio"/>	<input type="radio"/>
Azure can be used to build a General Data Protection Regulation (GDPR)-compliant infrastructure.	<input checked="" type="radio"/>	<input type="radio"/>

Question #209 *Topic 1* (You can add an Azure Resource Manager template to an Azure blueprint)

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
You can add an Azure Resource Manager template to an Azure blueprint.	<input checked="" type="radio"/>	<input type="radio"/>
You can assign an Azure blueprint to a resource group.	<input type="radio"/>	<input checked="" type="radio"/>
You can use Azure Blueprints to grant permissions to a resource.	<input checked="" type="radio"/>	<input type="radio"/>

Question #210 *Topic 1* (Azure China is operated by Microsoft)

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 China is operated by Microsoft.

Azure Government is operated by Microsoft.

Azure Government is available only to US government agencies and their partners.

Question #211 *Topic 1* (An Azure resource can have multiple Delete locks)

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 resource can have multiple Delete locks.

An Azure resource inherits locks from its resource group.

If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.

Question #212 *Topic 1*

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 MyApps portal
- D. the Trust Center

Question #213 *Topic 1* (Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users)

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 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"/>

Question #214 *Topic 1* (If a resource group named RG1 has a delete lock, the delete lock must be removed before an administrator can delete RG1)

HOTSPOT -

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

Hot Area:

Answer Area

If a resource group named RG1 has a delete lock,

can delete RG1.

only a member of the global administrators group
the delete lock must be removed before an administrator
an Azure policy must be modified before an administrator
an Azure tag must be added before an administrator

Question #215 *Topic 1*

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

Question #216 *Topic 1*(Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD))

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).

Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.

Azure has built-in authentication and authorization services that provide secure access to Azure resources.

Question #217 *Topic 1*(You can view your company's regulatory compliance report from Azure Security Center)

HOTSPOT -

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

Hot Area:

Answer Area

You can view your company's regulatory compliance report from

▼
Azure Advisor
Azure Analysis Services
Azure Monitor
Azure Security Center

Question #218 *Topic 1*

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

- A. Azure Service Health
- B. Azure Knowledge Center
- C. Azure Security Center
- D. Azure Advisor

Question #219 *Topic 1* (Your company implements Azure Information Protection automatically add a watermark to Microsoft Word documents that contain credit card information.)

HOTSPOT -

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

Hot Area:

Answer Area

Your company implements

Azure policies	to
DDoS protection	
Azure Information Protection	
Azure Active Directory (Azure AD) Identity Protection	

automatically add a watermark to Microsoft Word documents that contain credit card information.

Question #220 *Topic 1* (Azure Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines)

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.

Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.

Each user account in Azure Active Directory (Azure AD) can be assigned only one license.

Question #221 *Topic 1*

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

Question #222 *Topic 1* (To implement an Azure Multi-Factor Authentication (MFA) solution, you must sync on-premises identities to the cloud)

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

Question #223 *Topic 1*

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

Question #224 *Topic 1*

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:

Answer Options

Answer Area

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

Question #225Topic 1

To what should an application connect to retrieve security tokens?

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

Question #226Topic 1

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

Question #227Topic 1(You can configure the Azure Active Directory (Azure AD) activity logs to appear in Azure Monitor)

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
You can configure the Azure Active Directory (Azure AD) activity logs to appear in Azure Monitor.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Monitor, you can monitor resources across multiple Azure subscriptions.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Monitor, you can create alerts.	<input checked="" type="radio"/>	<input type="radio"/>

Question #228 *Topic 1(LOCKS)*

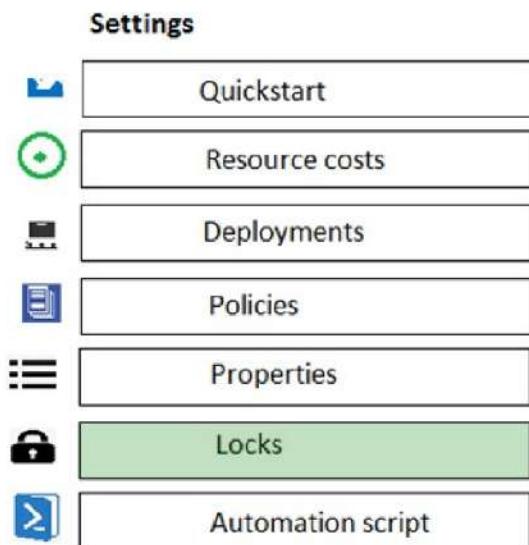
HOTSPOT -

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:



Question #229 *Topic 1*

You have a resource group named RG1.

You need to prevent the creation of virtual machines in RG1. The solution must ensure that other objects can be created in RG1.

What should you use?

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

Question #230 *Topic 1*

You have an Azure subscription and 100 Windows 10 devices.

You need to ensure that only users whose devices have the latest security patches installed can access Azure Active Directory (Azure AD)-integrated applications.

What should you implement?

- A. a conditional access policy
- B. Azure Bastion
- C. Azure Firewall
- D. Azure Policy

Question #231 *Topic 1*

What can Azure Information Protection encrypt?

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

Question #232 *Topic 1*

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 Service Trust Portal
- D. the Solutions blade from the Azure portal

Question #233 *Topic 1* (Azure Active Directory (Azure AD) enables users to authenticate to multiple applications by using single sign-on (SSO))

HOTSPOT -

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

Hot Area:

Answer Area

Application security groups in Azure
Azure Active Directory (Azure AD)
Azure Key Vault
Azure Security Center

enables users to authenticate to multiple applications by using single sign-on (SSO).

Question #234 *Topic 1*

You have an Azure subscription.

Where will you find details on the personal data collected by Microsoft, how Microsoft uses the data, and what the data is used for?

- A. the Data Protection Addendum
- B. the Microsoft Online Services Terms
- C. the Microsoft Privacy Statement
- D. Azure Security Center

Question #235 *Topic 1* (Azure Active Directory (Azure AD) can be used to manage access to on-premises applications)

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) can be used to manage access to on-premises applications.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) provides single sign-on (SSO).	<input checked="" type="radio"/>	<input type="radio"/>
iOS devices can be registered in Azure Active Directory (Azure AD).	<input checked="" type="radio"/>	<input type="radio"/>

Question #236 *Topic 1* (You deploy an Azure resource. The resource becomes unavailable for an extended period for an extended period due to a service outage. Microsoft will credit your Azure account.)

HOTSPOT -

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

Hot Area:

Answer Area

You deploy an Azure resource. The resource becomes unavailable for an extended period due to a service outage.

Microsoft will

- refund your bank account.
- migrate the resource to another subscription.
- credit your Azure account.**
- send you a coupon code that you can redeem for Azure credits.

Question #237 *Topic 1*

Which task can you perform by using Azure Advisor?

- A. Integrate Active Directory and Azure Active Directory (Azure AD).
- B. Estimate the costs of an Azure solution.
- C. Confirm that Azure subscription security follows best practices.
- D. Evaluate which on-premises resources can be migrated to Azure.

Question #238 *Topic 1* (If your company uses an Azure free account, you will only be able to use a subset of Azure services)

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 your company uses an Azure free account, you will only be able to use 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"/>

Question #239 *Topic 1* (All Azure services in private preview must be accessed by using a separate Azure portal)

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 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"/>

Question #240 *Topic 1*

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

Question #241 *Topic 1* (A Standard support plan is included in an Azure free account)

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 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"/>

Question #242 *Topic 1*

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

Question #243 *Topic 1* (A user who is assigned the Owner role can transfer ownership of an Azure subscription)

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 checked="" 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"/>

Question #244 *Topic 1* (With Azure Reservations, you pay less for virtual machines than with pay-as-you-go pricing)

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 checked="" type="radio"/>	<input type="radio"/>
Two Azure virtual machines that use the B2S size have the same monthly costs.	<input type="radio"/>	<input checked="" type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs for the virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

Question #245 *Topic 1*

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

Question #246 *Topic 1*

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

Question #247 Topic 1

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

Question #248 Topic 1 (Maximum available minutes – Downtime in Minutes)

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	▼	x	100	▼
Maximum Available Minutes			1,440			99.99	
(Maximum Available Minutes – Downtime in Minutes)			Maximum Available Minutes			1.440	

Question #249 Topic 1 (By creating additional resource groups in an Azure subscription, additional costs are incurred)

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.

By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.

By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.

Question #250Topic 1

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

151.

DRAG DROP – (Provides a cloud-based Enterprise Data Warehouse (EDW))

Match the Azure services to the correct descriptions.

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:

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

Box 1: Azure SQL Synapse Analytics

Azure SQL Synapse Analytics (previously called Data Warehouse) is a cloud-based Platform-as-a-Service (PaaS) offering from Microsoft. It is a large-scale, distributed, MPP (massively parallel processing) relational database technology in the same class of competitors as Amazon Redshift or Snowflake. Azure SQL

Synapse Analytics is an important component of the Modern Data Warehouse multi-platform architecture. Because Azure SQL Synapse Analytics is an MPP system with a shared-nothing architecture across distributions, it is meant for large-scale analytical workloads which can take advantage of parallelism.

Box 2:

Azure Machine Learning uses past trainings to provide predictions that have high probability.

Machine learning is a data science technique that allows computers to use existing data to forecast future behaviors, outcomes, and trends. By using machine learning, computers learn without being explicitly programmed.

Forecasts or predictions from machine learning can make apps and devices smarter. For example, when you shop online, machine learning helps recommend other products you might want based on what you've bought.

Box 3:

Azure Functions provides serverless computing functionalities.

Azure Functions is a serverless compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure.

Box 4:

IoT Hub (Internet of things Hub) provides data from millions of sensors.

IoT Hub is a managed service, hosted in the cloud, that acts as a central message hub for bi-directional communication between your IoT application and the devices it manages. You can use Azure IoT Hub to build IoT solutions with reliable and secure communications between millions of IoT devices and a cloud-hosted solution backend. You can connect virtually any device to IoT Hub.

152.

You have an Azure environment.

You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

What are three possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

Correct Answer: *ABE*

The Android tablet device will have a web browser (Chrome). That's enough to connect to the Azure portal.

The Azure portal offers three ways to create a VM:

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

153.

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?

Ans - Azure DevTest Labs

154.

HOTSPOT - Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.

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:

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"/>

Box 1: No -

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the Security tab on the Advisor dashboard. Examples of recommendations include restricting access to virtual machines by configuring Network Security Groups, enabling storage encryption, installing vulnerability assessment solutions.

However, Azure Advisor does not provide recommendations on how to improve the security of an Azure AD environment.

Box 2: Yes -

Advisor helps you optimize and reduce your overall Azure spend by identifying idle and underutilized resources. You can get cost recommendations from the Cost tab on the Advisor dashboard.

Box 3: No.

Azure Advisor does not provide recommendations on how to configure network settings on Azure virtual machines.

155.

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?

Ans - Yes

156.

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?

Ans - Yes

157.

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?

Ans - Yes

158.

HOTSPOT - Computer 1

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

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

What should you identify for each computer? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Correct Answer:

Answer Area

Computer1:

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

Computer2:

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

Computer3:

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

159.

HOTSPOT -

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

Hot Area:

Correct Answer:

Answer Area

You can access Compliance Manager
from the

Azure Active Directory admin center
Azure portal
Microsoft 365 admin center
Microsoft Service Trust Portal

You can access Compliance Manager from the AZURE PORTAL.

160.

HOTSPOT -

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

Hot Area:

Answer Area

Azure policies provide
Resource groups provide
Azure Resource Manager templates provide
Management groups provide

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

Ans-

Azure Resource Manager templates provides a common platform for deploying objects to a cloud infrastructure and for implementing consistency across the Azure environment.

161.

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:

Ans:

Box 1:

Azure Bot Services provides a digital online assistant that provides speech support.

Box 2:

Azure Machine Learning uses past trainings to provide predictions that have high probability.

Box 3:

Azure Functions provides serverless computing functionalities.

Box 4:

IoT Hub (Internet of things Hub) provides data from millions of sensors.

162.

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 Windows 10 and has the Azure PowerShell module installed.

Does this meet the goal?

Ans - Yes

163.

DRAG DROP -

Match the Azure services 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:

Correct Answer:

Services	Answer Area
	Azure virtual machines
	Azure Container Instances
	Azure App Service
	Azure Functions

Box 1:

Azure virtual machines provide operation system virtualization.

Azure Virtual Machines (VM) is one of several types of on-demand, scalable computing resources that Azure offers. Typically, you choose a VM when you need more control over the computing environment than the other choices offer.

Box 2:

Azure Container Instances provide portable environments for virtualized applications.

Containers are becoming the preferred way to package, deploy, and manage cloud applications. Azure Container Instances offers the fastest and simplest way to run a container in Azure, without having to manage any virtual machines and without having to adopt a higher-level service.

Containers offer significant startup benefits over virtual machines (VMs). Azure Container Instances can start containers in Azure in seconds, without the need to provision and manage VMs.

Box 3:

Azure App Service is used to build, deploy and scale web apps.

Azure App Service is a platform-as-a-service (PaaS) offering that lets you create web and mobile apps for any platform or device and connect to data anywhere, in the cloud or on-premises. App Service includes the web and mobile capabilities that were previously delivered separately as Azure Websites and Azure Mobile Services.

Box 4:

Azure Functions provide a platform for serverless code.

Azure Functions is a serverless compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure.

164.

Which service provides serverless computing in Azure?

Azure Functions

165.

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.

Which three computers can run the script? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. a computer that runs macOS and has PowerShell Core 6.0 installed.
- B. a computer that runs Windows 10 and has the Azure PowerShell module installed.
- C. a computer that runs Linux and has the Azure PowerShell module installed.
- D. a computer that runs Linux and has the Azure CLI tools installed.
- E. a computer that runs Chrome OS and uses Azure Cloud Shell.

Correct Answer: *ABE*

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

166.

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 Bash. Run the command in Cloud Shell.

Does this meet the goal?

Ans - Yes

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

Ans - Azure Resource Manager templates

168.

HOTSPOT - You can use Azure Cost Management to view costs associated to management groups.

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:

Answer Area

Statements	Yes	No
You can use Azure Cost Management to view costs associated to management groups.	<input type="radio"/>	<input checked="" type="radio"/>
You can use Azure Cost Management to view costs associated to resource groups.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Azure Cost Management to view the usage of virtual machines during the last three months.	<input type="radio"/>	<input checked="" type="radio"/>

169.

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?

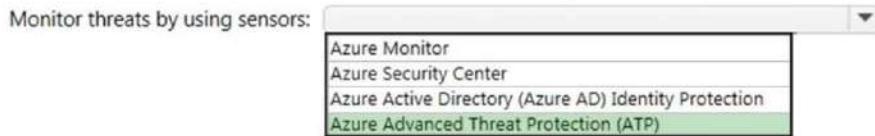
- A. Azure Firewall
- B. a network security group (NSG)
- C. Azure Information Protection
- D. DDoS protection

Ans - DDoS protection

170.

Correct Answer:

Answer Area



Box 1:

To monitor threats by using sensors, you would use Azure Advanced Threat Protection (ATP). Azure Advanced Threat Protection (ATP) is a cloud-based security solution that leverages your on-premises Active Directory signals to identify, detect, and investigate advanced threats, compromised identities, and malicious insider actions directed at your organization.

Sensors are software packages you install on your servers to upload information to Azure ATP.

Box 2:

To enforce MFA based on a condition, you would use Azure Active Directory Identity Protection. Azure AD Identity Protection helps you manage the roll-out of Azure Multi-Factor Authentication (MFA) registration by configuring a Conditional Access policy to require MFA registration no matter what modern authentication app you are signing in to.

171.

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.

What are two possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Modify an Azure Traffic Manager profile
- B. Modify a network security group (NSG)
- C. Modify a DDoS protection plan
- D. Modify an Azure firewall

Ans - Modify a network security group (NSG)

172.

HOTSPOT - You can enable just in time (JIT) VM

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

Hot Area:

Correct Answer:

Answer Area

You can enable just in time (JIT) VM access by using

Azure Bastion
Azure Firewall
Azure Front Door
Azure Security Center

The just-in-time (JIT) virtual machine (VM) access feature in Azure Security Center allows you to lock down inbound traffic to your Azure Virtual Machines. This reduces exposure to attacks while providing easy access when you need to connect to a VM.

Ans - Azure Security Center

173.

HOTSPOT - You can associate a network security group (NSG) to a virtual network subnet.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements

Yes No

You can associate a network security group (NSG) to a virtual network subnet.

<input checked="" type="radio"/>	<input type="radio"/>
----------------------------------	-----------------------

You can associate a network security group (NSG) to a virtual network.

<input type="radio"/>	<input checked="" type="radio"/>
-----------------------	----------------------------------

You can associate a network security group (NSG) to a network interface.

<input checked="" type="radio"/>	<input type="radio"/>
----------------------------------	-----------------------

174.

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

Ans - One Azure Firewall

175.

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

Ans - Server Applications

176.

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)

Ans - Azure Key Vault

177.

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

Ans - A network Security Group (NSG)

178.

HOTSPOT - After you create a virtual machine, you need to modify the

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

Correct Answer:

Answer Area

After you create a virtual machine, you need to modify the

▼
network security group (NSG)
virtual network gateway
virtual network
route table

to allow connections to TCP port 8080 on the virtual machine.

179.

HOTSPOT - You can create custom Azure roles to control access to resources

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
------------	-----	----

You can create custom Azure roles to control access to resources.

A user account can be assigned to multiple Azure roles.

A resource group can have the Owner role assigned to multiple users.

180.

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

Ans - Yes

181.

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

Ans - No

182.

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

- A. Azure Sentinel
- B. Azure Synapse Analytics
- C. Azure AD Connect
- D. Azure Key Vault

Ans - Azure Sentinel

183.

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

Ans - Yes

184.

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

Ans - No

185.

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

Ans - network security groups (NSGs)

186.

HOTSPOT - You can view which user turned off a specific virtual machine during the last 14 days.

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

Correct Answer:

Answer Area

From

Azure Access Control IAM
Azure Event Hubs
Azure Activity Log
Azure Service Health

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

187.

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

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

Ans - Azure Firewall

188.

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

Ans - Azure Key Vault

189.

Which Azure service can you use as a security information and event management (SIEM) solution?

- A. Azure Analysis Services
- B. Azure Sentinel
- C. Azure Information Protection
- D. Azure Cognitive Services

Ans - Azure Sentinel

190. Azure Sentinel stores collected events in an Azure Storage account

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.

Correct Answer:

Answer Area

Statements	Yes	No
Azure Sentinel stores collected events in an Azure Storage account.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Sentinel can remediate incidents automatically.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Sentinel can collect Windows Defender Firewall logs from Azure virtual machines.	<input checked="" type="radio"/>	<input type="radio"/>

191. Analyze security log files from Azure Virtual Machines
DRAG DROP -

Match the Azure Services service to the correct descriptions.

Instructions: To answer, drag the appropriate 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:

Services

Azure Active Directory
(Azure AD)

Azure Key Vault

Azure Lighthouse

Azure Security Center

Azure Sentinel

Answer Area

Analyze security log files from Azure virtual machines

Display the secure score for an Azure subscription

Store passwords for use by Azure Function applications.

Box 1: Azure Sentinel -

Box 2: Azure Security Center -

Box 3: Azure Key Vault -

↪ Azure Active Directory (Azure AD)

Azure AD is an identity and access management service, which helps your employees sign in and access resources

↪ Azure Lighthouse

Azure Lighthouse is used for cross- and multi-tenant management.

192. Azure Firewall will encrypt all the network traffic sent from Azure to the Internet

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:

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 checked="" type="radio"/>	<input type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: No -

Azure firewall does not encrypt network traffic. It is used to block or allow traffic based on source/destination IP address, source/destination ports and protocol.

Box 2: No -

A network security group does not encrypt network traffic. It works in a similar way to a firewall in that it is used to block or allow traffic based on source/ destination IP address, source/destination ports and protocol.

Box 3: No -

The question is rather vague as it would depend on the configuration of the host on the Internet. Windows Server does come with a VPN client and it also supports other encryption methods such IPSec encryption or SSL/TLS so it could encrypt the traffic if the Internet host was configured to require or accept the encryption.

However, the VM could not encrypt the traffic to an Internet host that is not configured to require the encryption.

193. Azure Security Center can monitor Azure resources and on-premises resources.

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.

Correct Answer:

Answer Area

Statements	Yes	No
Azure Security Center can monitor Azure resources and on-premises resources.	<input checked="" type="radio"/>	<input type="radio"/>
All Azure Security Center features are free.	<input type="radio"/>	<input checked="" type="radio"/>
From Azure Security Center, you can download a Regulatory Compliance report.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes -

Azure Security Center is a unified infrastructure security management system that strengthens the security posture of your data centers, and provides advanced threat protection across your hybrid workloads in the cloud - whether they're in Azure or not - as well as on premises.

Box 2: No -

Only two features: Continuous assessment and security recommendations, and Azure secure score, are free.

Box 3: Yes -

The advanced monitoring capabilities in Security Center also let you track and manage compliance and governance over time. The overall compliance provides you with a measure of how much your subscriptions are compliant with policies associated with your workload.

194.

DRAG DROP -

You need to complete the defense-in-depth strategy used in a datacenter.

What should you do? To answer, drag the appropriate layers to the correct positions in the model. Each layer may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Correct Answer:

Layers	Answer Area
Perimeter	Physical Security
Application	Identity & Access
Physical Security	Perimeter

```
graph TD; PS[Physical Security] --- IA[Identity & Access]; IA --- P[Perimeter]; P --- N[Network]; N --- C[Compute]; C --- A[Application]; A --- D[Data]
```

195.

You have an Azure virtual machine named VM1.

You plan to encrypt VM1 by using Azure Disk Encryption.

Which Azure resource must you create first?

- A. an Azure Storage account
- B. an Azure Key Vault
- C. an Azure Information Protection policy
- D. an Encryption key

Ans - An Azure Key Vault

196.

Which resources can be used as a source for a Network security group inbound security rule?

- A. Service Tags only
- B. IP Addresses, Service tags and Application security groups
- C. Application security groups only
- D. IP Addresses only

Ans - IP Addresses, Service tags and Application security groups

197.

HOTSPOT -

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

Correct Answer:

Answer Area

Azure Sentinel uses playbooks to

- automatically respond to threats.
- collect data from Azure services.
- specify how long data is retained.
- store passwords and certificates.

Ans - Azure Sentinel uses playbooks to

198.

HOTSPOT -

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

Correct Answer:

Answer Area

- Application rules
- Network Address Translation (NAT) rules
- Network rules
- Service tags

in Azure Firewall enables users on the internet to access a server on a virtual network.

Ans - in Azure Firewall enables users on the internet to access a server on a virtual network.

199.

HOTSPOT -

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

Correct Answer:

Answer Area

Azure distributed denial of service (DDoS) protection is an example of protection that is implemented at the

- application layer.
- compute layer.
- networking layer.
- perimeter layer.

Ans - Azure distributed denial of service (DDoS) protection is an example of protection that is implemented at the

200.

HOTSPOT -

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

Correct Answer:

Answer Area

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

You assign the Azure Policy definition of Not Allowed Resource Type and specify that virtual networks are not an allowed resource type in RG1. VNET1

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

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

251.

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

Ans - Premier, Professional Direct, Standard, Developer, and Basic

252.

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

Ans - the Azure portal

253.

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

Ans - No

254.

This question requires that you evaluate the underlined text to determine if it is correct. The Azure Standard support plan is the lowest cost option to receive 24x7 access to support engineers by phone.

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. Professional Direct

Ans - No change is needed

255.

HOTSPOT - All Azure services that are in public preview are
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Correct Answer:

Answer Area

All Azure services that are in public preview are

provided without any documentation
only configurable from Azure CLI
excluded from the Service Level Agreements
only configurable from the Azure portal

Ans - Excluded from the Service Level Agreements

256.

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

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

Ans - Uptime

257.

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

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

Hot Area:

Correct Answer:

Answer Area

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

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

Ans - Public Preview

258.

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 an Azure subscription.

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

Ans - No

259.

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 an Azure subscription.

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

Ans - Yes

260.

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 an Azure subscription.

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

Ans - Yes

261.

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

Ans - Premier

262.

HOTSPOT - Most Azure services are introduced in private preview before being introduced in public preview

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

NOTE: Each correct selection is worth one point.

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.

Azure services in public preview can be managed only by using the Azure CLI.

The cost of an Azure service in private preview decreases when the service becomes generally available.

Box 1: Yes -

Most services go to private preview then public preview before being released to general availability.

The private preview is only available to certain Azure customers for evaluation purposes. The public preview is available to all Azure customers.

Box 2: No -

Azure services in public preview can be managed using the regular management tools: Azure Portal, Azure CLI and PowerShell.

Box 3: No -

Services in private or public preview are usually offered at reduced costs. However, the costs increase, not decrease when the services are released to general availability.

263.

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

Ans - An Enterprise Agreement (EA)

264.

HOTSPOT - Your Azure trial account expired last week

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

Correct Answer:

Answer Area

Your Azure trial account expired last week.

You are now unable to

Create additional Azure Active Directory (Azure AD) user accounts
start an existing Azure virtual machine
access your data stored in Azure
access the Azure portal

A stopped (deallocated) VM is offline and not mounted on an Azure host server. Starting a VM mounts the VM on a host server before the VM starts. As soon as the VM is mounted, it becomes chargeable. For this reason, you are unable to start a VM after a trial has expired.

Incorrect Answers:

- ⇒ You are not charged for Azure Active Directory user accounts so you can continue to create accounts.
- ⇒ You can access data that is already stored in Azure.
- ⇒ You can access the Azure Portal. You can also reactivate and upgrade the expired subscription in the portal.

265.

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 an Azure subscription.

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

Ans - Yes

266.

Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.

You plan to deploy SQL Server on Azure virtual machines.

What should you do to minimize licensing costs for the deployment?

- A. Deallocate the virtual machines during off hours.
- B. Use Azure Hybrid Benefit.
- C. Configure Azure Cost Management budgets.
- D. Use Azure reservations.

Ans - Use Azure Hybrid Benefit

267.

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

Ans - A Subscription

268.

HOTSPOT - An Azure free account has a spending limit

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

NOTE: Each correct selection is worth one point.

Correct Answer:

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 of 2TB of data that can be uploaded to Azure.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure free account can contain an unlimited number of web apps.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes -

An Azure free account has a spending limit. This is currently 200 USD or 150 GBP.

Box 2: No -

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.

269.

HOTSPOT - An Azure service in private preview is released to all Azure customers
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

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"/>

Box 1: No -

Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes.

Box 2: Yes -

Public Preview means that the service is in public beta and can be tried out by anyone with an Azure subscription. Services in public preview are often offered at a discount price.

Public previews are excluded from SLAs and in some cases, no support is offered.

Box 3: No -

An Azure service in general availability is available to all Azure customers, not just a subset of the customers.

270.

HOTSPOT - With a consumption-based plan, you pay a fixed rate for all

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
With a consumption-based plan, you pay a fixed rate for all data sent to or from virtual machines hosted in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>
With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.	<input checked="" type="radio"/>	<input type="radio"/>
Serverless computing is an example of a consumption-based plan.	<input checked="" type="radio"/>	<input type="radio"/>

271.

HOTSPOT - The cost of Azure resources can vary between regions.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
The cost of Azure resources can vary between regions.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure reservation is used to reserve server capacity at a specific data center.	<input checked="" type="radio"/>	<input type="radio"/>
You can stop an Azure SQL Database instance to decrease costs.	<input type="radio"/>	<input checked="" type="radio"/>

272.

HOTSPOT - You have an application that is comprised of an Azure web app that has a Service Level Agreement (SLA) of 99.95 percent

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

Hot Area:

Correct Answer:

Answer Area

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
the lowest SLA associated to the application, which is 99.95 percent
the highest SLA associated to the application, which is 99.99 percent
the difference between the two SLAs, which is 0.05 percent

Composite SLAs involve multiple services supporting an application, each with differing levels of availability. For example, consider an App Service web app that writes to Azure SQL Database. At the time of this writing, these Azure services have the following SLAs:

App Service web apps = 99.95%

SQL Database = 99.99%

What is the maximum downtime you would expect for this application? If either service fails, the whole application fails. The probability of each service failing is independent, so the composite SLA for this application is $99.95\% \times 99.99\% = 99.94\%$. That's lower than the individual SLAs, which isn't surprising because an application that relies on multiple services has more potential failure points.

273.

HOTSPOT - The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.

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

NOTE: Each correct selection is worth one point.

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"/>

Box 1: Yes -

SLAs™ vary based on the resource type and the location distribution of the resource. However, the minimum uptime for all Azure services is 99.9 percent.

Box 2: Yes -

The SLA guaranteed uptime is increased (usually to 99.95 percent) when resources are deployed across multiple regions.

Box 3: No -

The number of subscriptions is unrelated to uptime SLAs™. You can deploy resources to multiple regions under a single subscription or you can have multiple subscriptions with resources deployed to the same region.

274.

Which statement accurately describes the Modern Lifecycle Policy for Azure services?

- A. Microsoft provides mainstream support for a service for five years.
- B. Microsoft provides a minimum of 12 months™ notice before ending support for a service.
- C. After a service is made generally available, Microsoft provides support for the service for a minimum of four years.

- D. When a service is retired, you can purchase extended support for the service for up to five years.

Ans - Microsoft provides a minimum of 12 monthsTM notice before ending support for a service.

275.

HOTSPOT -

You need to request that Microsoft increase a subscription quota limit for your company. Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.

Microsoft Azure

 Create a resource

 All services

 **FAVORITES**

 Dashboard

 All resources

 Resource groups

 App Services

 Function Apps

 SQL databases

 Azure Cosmos DB

 Virtual machines

 Load balancers

Correct Answer:

Request a standard quota increase from Help + support

276.

HOTSPOT - in Azure to send email alerts when the cost of the current
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Correct Answer:

Answer Area

You can use	<input type="button" value="▼"/>	in Azure to send email alerts when the cost of the current
		Advisor recommendations
		Access control (IAM)
		Budget alerts
		Compliance

billing period for an Azure subscription exceeds a specified limit.

Budget alerts notify you when spending, based on usage or cost, reaches or exceeds the amount defined in the alert condition of the budget. Cost Management budgets are created using the Azure portal or the Azure Consumption API.

Ans - Budget alerts

277.

HOTSPOT - From the Azure portal, you can distinguish between services that are generally available and services that are in public preview.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
From the Azure portal, you can distinguish between services that are generally available and services that are in public preview.	<input checked="" type="radio"/>	<input type="radio"/>
After an Azure service becomes generally available, the service is no longer updated with new features.	<input type="radio"/>	<input checked="" type="radio"/>
When you create Azure resources for a service in public preview, you must recreate the resources once the service becomes generally available.	<input type="radio"/>	<input checked="" type="radio"/>

278.

HOTSPOT - When using an Azure ExpressRoute connection, inbound data traffic from an on-premises network to Azure is always free.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
When using an Azure ExpressRoute connection, inbound data traffic from an on-premises network to Azure is always free.	<input checked="" type="radio"/>	<input type="radio"/>
Outbound data traffic from Azure to an on-premises network is always free.	<input type="radio"/>	<input checked="" type="radio"/>
Data traffic between Azure services within the same Azure region is always free.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: Yes -

With Azure ExpressRoute, all inbound data transfer is free of charge.

Box 2: No -

Inbound data traffic is free but outbound data traffic is not.

Box 3: Yes -

279.

our 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.

Which unused resources should you remove?

- A. the network interfaces
- B. the public IP addresses
- C. the groups
- D. the user accounts

Ans - the public IP addresses

280.

HOTSPOT - If an Azure virtual machine has a status of Stopped (deallocated), you will continue to pay for

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

Answer Area

If an Azure virtual machine has a status of Stopped (deallocated),
you will continue to pay for

compute capacity	▼
I/O operations	
networking	
storage	

When a virtual machine is stopped (deallocated), the virtual machine is unloaded/dismounted from the physical server in Azure. In this state, you are not charged for the virtual machine itself. However, you are still charged for the storage costs of the virtual hard disks attached to the virtual machine.

If the virtual machine is stopped but not deallocated (this happens if you shut down the virtual machine from the operating system of the virtual machine), the virtual machine is still mounted on the physical server in Azure and you are charged for the virtual machine itself as well as the storage costs. To ensure that a virtual machine is "stopped (deallocated)", you need to stop the virtual machine in the Azure portal.

Ans - Storage

281.

HOTSPOT - Storing 1TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located.

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

NOTE: Each correct selection is worth one point.

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"/>

Box 1: No -

The price of Azure storage varies by region. If you use the Azure storage pricing page, you can select different regions and see how the price changes per region.

Box 2: No -

You are charged for read and write operations in general-purpose v2 storage accounts.

Box 3: No -

You would be charged for the read operations of the source storage account and write operations in the destination storage account.

282.

HOTSPOT - In Azure Directory Premium P2, at least 99.9 percent availability is guaranteed.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	<input checked="" type="radio"/>	<input type="radio"/>
The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.	<input type="radio"/>	<input checked="" type="radio"/>
All paying Azure customers receive 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"/>

Box 1: Yes -

Microsoft guarantees at least 99.9% availability of the Azure Active Directory Premium edition services. The services are considered available in the following scenarios:

- ⇒ Users are able to log in to the service, log in to the Access Panel, access applications on the Access Panel and reset passwords.
- ⇒ IT administrators are able to create, read, write and delete entries in the directory or provision or de-provision users to applications in the directory.

Box 2: No -

No SLA is provided for the Free tier of Azure Active Directory.

Box 3: Yes -

You can claim credit if the availability falls below the SLA. The amount of credit depends on the availability. For example: You can claim 25% credit if the availability is less than 99.9%, 50% credit for less than 99% and 100% for less than 95% availability.

283.

HOTSPOT - Adding resource groups in an Azure subscription generates additional costs.

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

NOTE: Each correct selection is worth one point.

Correct Answer:

Answer Area

Statements	Yes	No
Adding resource groups in an Azure subscription generates additional costs.	<input type="radio"/>	<input checked="" type="radio"/>
Copying 10 GB of data to Azure from an on-premises network over a VPN generates additional Azure data transfer costs.	<input type="radio"/>	<input checked="" type="radio"/>
Copying 10 GB of data from Azure to an on-premises network over a VPN generates additional Azure data transfer costs.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No -

Resource groups are logical containers for Azure resources. You do not pay for resource groups.

Box 2: No -

Data ingress over a VPN is data **coming in** to Azure over the VPN. You are not charged data transfer costs for data ingress.

Box 3: Yes -

Data egress over a VPN is data **going out** of Azure over the VPN. You are charged for data egress.

284.

Who can use the Azure Total Cost of Ownership (TCO) calculator?

- A. billing readers for an Azure subscription only

- B. owners for an Azure subscription only
- C. anyone
- D. all users who have an account in Azure Active Directory (Azure AD) that is linked to an Azure subscription only

Ans - Anyone