



Microsoft

AZ-900 Exam

Microsoft Azure Fundamentals

Questions & Answers

(Full Version)

Thank you for Purchasing AZ-900 Exam

➤ *TOTAL QUESTIONS: 437*

Topic 1, Exam Pool 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.

Statements	Yes	No
All the Azure resources deployed to a resource group must use the same Azure region.	<input type="radio"/>	<input type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input type="radio"/>
If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Statements	Yes	No
All the Azure resources deployed to a resource group must use 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 assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input checked="" type="radio"/>	<input type="radio"/>

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.

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

Answer:

Explanation:

◆ ◆ ◆ ◆ ◆

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

Question: 3

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.

Statements	Yes	No
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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.

Answer:

Explanation:

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: 4**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.

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"/>

Explanation:

Answer:

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: 5

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

When you are implementing a software as a service (SaaS) solution, you are responsible for configuring high availability.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. defining scalability rules
- C. installing the SaaS solution
- D. configuring the SaaS solution

Answer: D

Explanation:

Question: 6

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

Answer: A

Explanation:

Fault tolerance is the ability of a system to continue to function in the event of a failure of some of its components.

In this question, you could have servers that are replicated across datacenters.

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there are a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures.

With Availability Zones, Azure offers industry best 99.99% VM uptime SLA. By architecting your solutions to use replicated VMs in zones, you can protect your applications and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

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

Question: 7

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

An organization that hosts its infrastructure in a private cloud can decommission its data center.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. in a hybrid cloud
- C. in the public cloud
- D. on a Hyper-V host

Answer: C

Explanation:

A private cloud is hosted in your datacenter. Therefore, you cannot close your datacenter if you are using a private cloud.

A public cloud is hosted externally, for example, in Microsoft Azure. An organization that hosts its infrastructure in a public cloud can close its data center.

Public cloud is the most common deployment model. In this case, you have no local hardware to manage or keep up-to-date everything runs on your cloud provider's hardware.

Microsoft Azure is an example of a public cloud provider.

In a private cloud, you create a cloud environment in your own datacenter and provide self-service access to compute resources to users in your organization.

This offers a simulation of a public cloud to your users, but you remain completely responsible for the purchase and maintenance of the hardware and software services you provide.

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

Question: 8

What are two characteristics of the public cloud? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

Answer: D, E

Explanation:

With the public cloud, you get pay-as-you-go pricing – you pay only for what you use, no CapEx costs.

With the public cloud, you have self-service management. You are responsible for the deployment and configuration of the cloud resources such as virtual machines or web sites. The underlying hardware that hosts the cloud resources is managed by the cloud provider.

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models>

Question: 9

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

Answer: A

Explanation:

In Azure you only pay for outbound traffic which is charged in GB as you are entitled to 5GB in a month but afterwards you pay for data being transferred out. However, with inbound data traffic into your environment, this is free.

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.

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

Answer: B

Explanation:

Section: Understand Core Azure Services

Question: 11

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

Answer: B

Explanation:

Section: Understand Core Azure Services

Question: 12

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Section: Understand Core Azure Services

Question: 13

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

Answer: D

Explanation:

Section: Understand Core Azure Services

Question: 14

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.



Answer:

Explanation:



Section: Understand Core Azure Services

Question: 15

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.

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

Answer:

Explanation:

Answer Area

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

Section: Understand Core Azure Services

Question: 16

You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive.

What should you create?

- A. an Azure SQL database
- B. a virtual machine data disk
- C. a Files service in a storage account
- D. a Blobs service in a storage account

Answer: C

Explanation:

Azure Files is Microsoft's easy-to-use cloud file system. Azure file shares can be seamlessly used in Windows and Windows Server.

To use an Azure file share with Windows, you must either mount it, which means assigning it a drive letter or mount point path, or access it via its UNC path.

Unlike other SMB shares you may have interacted with, such as those hosted on a Windows Server,

Linux Samba server, or NAS device, Azure file shares do not currently support Kerberos authentication with your Active Directory (AD) or Azure Active Directory (AAD) identity, although this is a feature we are working on. Instead, you must access your Azure file share with the storage account key for the storage account containing your Azure file share. A storage account key is an administrator key for a storage account, including administrator permissions to all files and folders within the file share you're accessing, and for all file shares and other storage resources (blobs, queues, tables, etc) contained within your storage account.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/files/storage-how-to-use-files-windows>

Question: 17

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

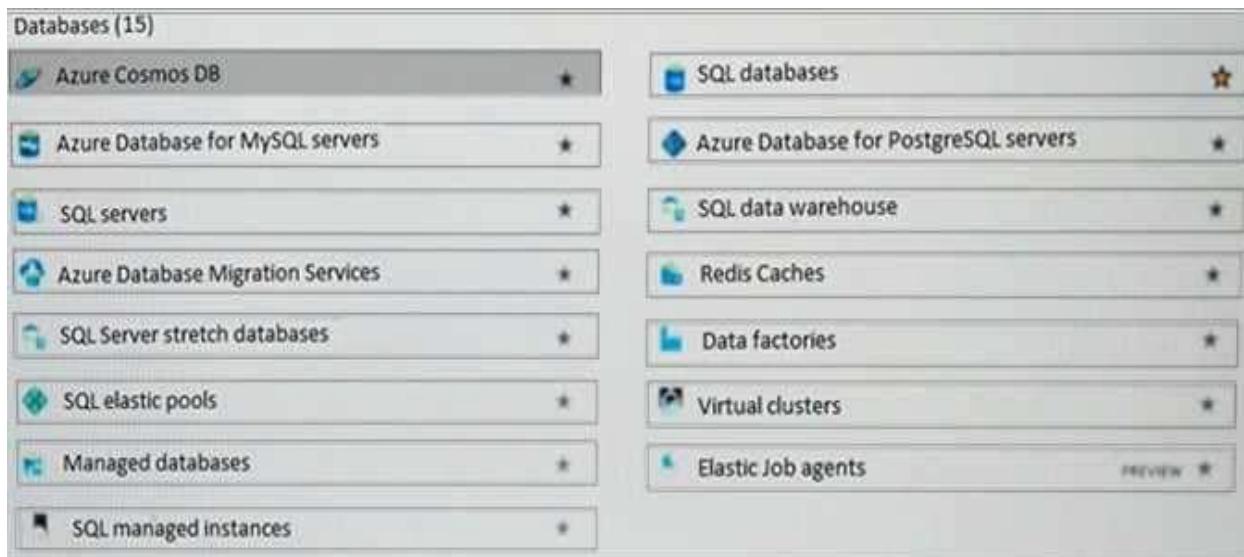
Can store JSON documents

Which database service should you deploy? To answer, select the appropriate service in the answer area.

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	★
SQL databases	★
Azure Database for PostgreSQL servers	★
SQL data warehouse	★
Redis Caches	★
Data factories	★
Virtual clusters	★
Elastic Job agents	PREVIEW ★

Answer:

Explanation:



Section: Understand Core Azure Services

Reference:

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

Question: 18

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.

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

Answer:

Explanation:

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.

Section: Understand Core Azure Services

Question: 19

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

Answer: B

Explanation:

Section: Understand Core Azure Services

Question: 20

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.

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"/>

Explanation:

Answer:

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 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

Reference:

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

Question: 21

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.

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**



Answer:

Explanation:

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

Reference:

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

windows/

Question: 22

This question requires that you evaluate the Bold 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

Answer: C

Explanation:

Section: Understand Core Azure Services

Question: 23

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.

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

Answer:

Explanation:

Answer Area

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

Section: Understand Core Azure Services

Question: 24

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

Answer: A

Explanation:

You can use Azure Resource Manager templates to automate the creation of the Azure resources.

Deploying resource through templates is known as 'Infrastructure as code'.

To implement infrastructure as code for your Azure solutions, use Azure Resource Manager templates. The template is a JavaScript Object Notation (JSON) file that defines the infrastructure and configuration for your project. The template uses declarative syntax, which lets you state what you intend to deploy without having to write the sequence of programming commands to create it. In the template, you specify the resources to deploy and the properties for those resources.

Reference:

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

Question: 25

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.

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

Answer:

Explanation:

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

Box 1:

Azure Functions provides the 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.

Box 2:

Azure Databricks is a big analysis service for machine learning.

Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including 'MLib'. MLlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.

Box 3:

Azure Application Insights detects and diagnoses anomalies in web apps.

Application Insights, a feature of Azure Monitor, is an extensible Application Performance

Management (APM) service for developers and DevOps professionals. Use it to monitor your live applications. It will automatically detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app.

Box 4:

Azure App Service hosts web apps.

Azure App Service is an HTTP-based service for hosting web applications, REST APIs, and mobile back ends. You can develop in your favorite language, be it .NET, .NET Core, Java, Ruby, Node.js, PHP, or Python. Applications run and scale with ease on both Windows and Linux-based environments.

Reference:

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

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics-platform>

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

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

Question: 26

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.

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

Answer:

Explanation:

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

You need a minimum of two virtual machines with each one located in a different availability zone.

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.

Reference:

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

Question: 27

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

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

Answer: A

Explanation:

Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.

Azure Event Hubs can be used to ingest, buffer, store, and process your stream in real time to get actionable insights. Event Hubs uses a partitioned consumer model, enabling multiple applications to process the stream concurrently and letting you control the speed of processing.

Azure Event Hubs can be used to capture your data in near-real time in an Azure Blob storage or Azure Data Lake Storage for long-term retention or micro-batch processing.

Reference:

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about>

Question: 28

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify a DDoS protection plan.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 29

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure firewall.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Question: 30

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 31

Which two types of customers are eligible to use Azure Government to develop a cloud solution?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

Answer: CD

Explanation:

Reference:

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

Question: 32

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.

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

Answer:

Explanation:

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

Question: 33

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

Which Azure service should you use?

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

Answer: D

Explanation:

Azure AD Identity Protection includes two risk policies: sign-in risk policy and user risk policy. A sign-in risk represents the probability that a given authentication request isn't authorized by the identity owner.

There are several types of risk detection. One of them is Anonymous IP Address. This risk detection type indicates sign-ins from an anonymous IP address (for example, Tor browser or anonymous VPN). These IP addresses are typically used by actors who want to hide their login telemetry (IP address, location, device, etc.) for potentially malicious intent.

You can configure the sign-in risk policy to require that users change their password.

Reference:

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

Question: 34

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.

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

Answer:

Explanation:

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

Question: 35

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

Answer: A

Explanation:

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security

group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets. You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

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

Question: 36

To what should an application connect to retrieve security tokens?

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

Answer: B

Explanation:

Question: 37

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

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

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. Management groups
- C. Azure policies
- D. Azure App Service plans

Answer: C

Explanation:

Question: 38

Your network contains an Active Directory forest. The forest contains 5,000 user accounts.

Your company plans to migrate all network resources to Azure and to decommission the on-premises data center.

You need to recommend a solution to minimize the impact on users after the planned migration.

What should you recommend?

- A. Implement Azure Multi-Factor Authentication (MFA)
- B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)
- C. Instruct all users to change their password
- D. Create a guest user account in Azure Active Directory (Azure AD) for each user

Answer: B

Explanation:

To migrate to Azure and decommission the on-premises data center, you would need to create the 5,000 user accounts in Azure Active Directory. The easy way to do this is to sync all the Active Directory user accounts to Azure Active Directory (Azure AD). You can even sync their passwords to further minimize the impact on users.

The tool you would use to sync the accounts is Azure AD Connect. The Azure Active Directory Connect synchronization services (Azure AD Connect sync) is a main component of Azure AD Connect. It takes care of all the operations that are related to synchronize identity data between your on-premises environment and Azure AD.

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-whatis>

Question: 39

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.

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

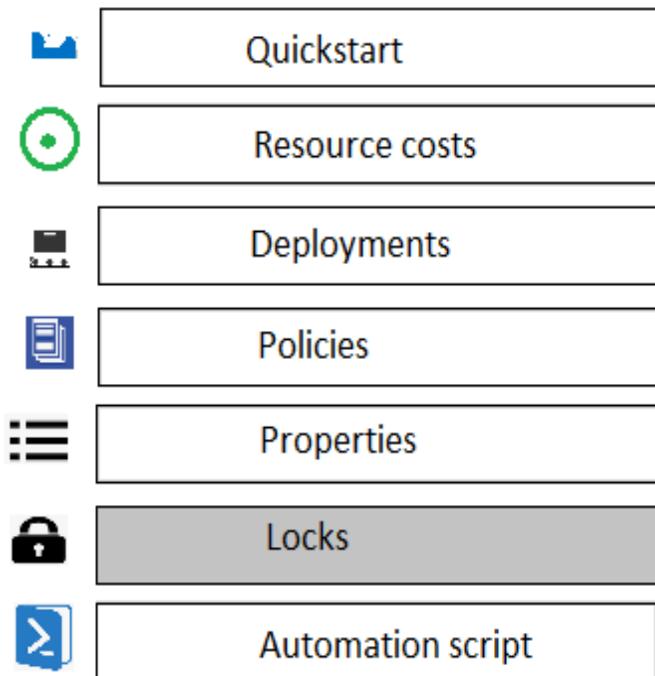
Support + troubleshooting

-  New support request

Answer:

Explanation:

Settings



You can configure a lock on a resource group to prevent the accidental deletion.

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly. In the portal, the locks are called Delete and Read-only respectively.

CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.

ReadOnly means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

Reference:

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

Question: 40

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access

support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Basic support plan.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

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

Access to Support Engineers via email or phone is available in the following support plans: Premier, Professional Direct and standard.

Reference:

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

Question: 41

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Standard support plan.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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

Reference:

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

Question: 42

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Premier support plan.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

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

Reference:

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

Question: 43

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

Answer: A

Explanation:

The Premier support plan provides customer specific architectural support such as design reviews, performance tuning, configuration and implementation assistance delivered by Microsoft Azure technical specialists.

Reference:

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

Question: 44

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.

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.

Explanation:

Answer:

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

Question: 45

What is required to use Azure Cost Management?

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

Answer: C

Explanation:

Azure customers with an Azure Enterprise Agreement (EA), Microsoft Customer Agreement (MCA), or Microsoft Partner Agreement (MPA) can use Azure Cost Management.

Cost management is the process of effectively planning and controlling costs involved in your business. Cost management tasks are normally performed by finance, management, and app teams. Azure Cost Management + Billing helps organizations plan with cost in mind. It also helps to analyze costs effectively and take action to optimize cloud spending.

Reference:

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

Question: 46

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

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

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. start an existing Azure virtual machine
- C. access your data stored in Azure
- D. access the Azure portal

Answer: B

Explanation:

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.

Question: 47

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.

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.

Answer:

Explanation:

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.

Section: Understand Azure Pricing and Support

Question: 48

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.

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 by creating a support request.	<input checked="" type="radio"/>	<input type="radio"/>
A company can store resources in multiple subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

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"/>

Question: 49**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.

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

Answer:

Explanation:

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

Question: 50

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

You have several virtual machines in an Azure subscription. You create a new subscription. The virtual machines cannot be moved to the new subscription.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. The virtual machines can be moved to the new subscription
- C. The virtual machines can be moved to the new subscription only if they are all in the same resource group
- D. The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

Answer: B

Explanation:

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.

Reference:

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

Question: 51

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

Answer: B

Explanation:

You are not charged for user accounts. Therefore, deleting unused user accounts will not reduce the

Azure costs for the company.

Reference:

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

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.

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

Answer: A

Explanation:

You are charged for public IP addresses. Therefore, deleting unused public IP addresses will reduce the Azure costs.

Reference:

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

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.

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 [P 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

Answer: B

Explanation:

You are not charged for Azure Active Directory Groups. Therefore, deleting unused groups will not reduce your Azure costs.

Reference:

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

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.

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

Answer: A

Explanation:

The Azure portal is a web-based, unified console that provides an alternative to command-line tools. With the Azure portal, you can manage your Azure subscription using a graphical user interface. You can build, manage, and monitor everything from simple web apps to complex cloud deployments. Create custom dashboards for an organized view of resources. Configure accessibility options for an optimal experience.

Being web-based, the Azure portal can be run on a browser from a tablet that runs the Android operating system.

Reference:

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

Question: 55

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

Answer: B

Explanation:

PowerApps lets you quickly build business applications with little or no code. It is not used to create Azure virtual machines. Therefore, this solution does not meet the goal.

PowerApps Portals allow organizations to create websites which can be shared with users external to their organization either anonymously or through the login provider of their choice like LinkedIn, Microsoft Account, other commercial login providers.

Reference:

<https://powerapps.microsoft.com/en-us/blog/introducing-powerapps-portals-powerful-low-code-websites-for-external-users/>

Question: 56

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

Answer: B

Explanation:

Reference:

<https://www.thomasmaurer.ch/2019/01/azure-cloud-shell/>
<https://www.pc当地/encyclopedia/term/66542/android-laptop>

Question: 57

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 undefined 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

Answer: C

Explanation:

Question: 58

HOTSPOT

You need to manage Azure by using Azure Cloud Shell.

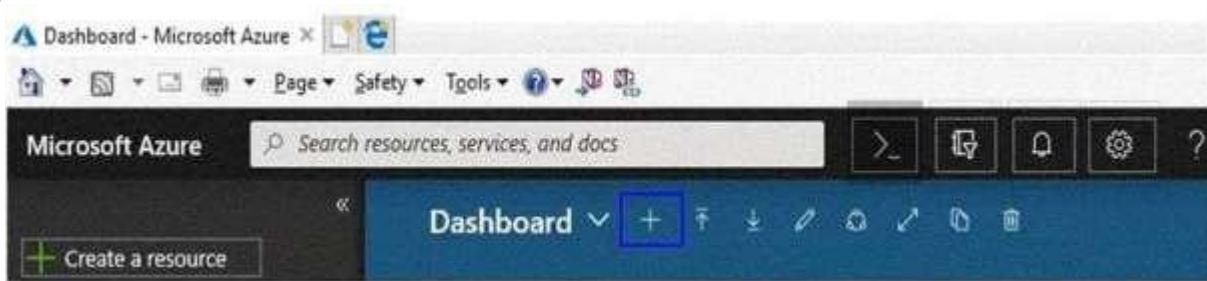
Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area.

Answer Area



Answer:

Explanation:



Question: 59

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

Answer: C

Explanation:

DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates.

By using DevTest Labs, you can test the latest versions of your applications by doing the following tasks: Quickly provision Windows and Linux environments by using reusable templates and artifacts.

Easily integrate your deployment pipeline with DevTest Labs to provision on-demand environments.

Scale up your load testing by provisioning multiple test agents and create pre-provisioned environments for training and demos

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

Question: 60

HOTSPOT

You have an Azure environment that contains 10 web apps.

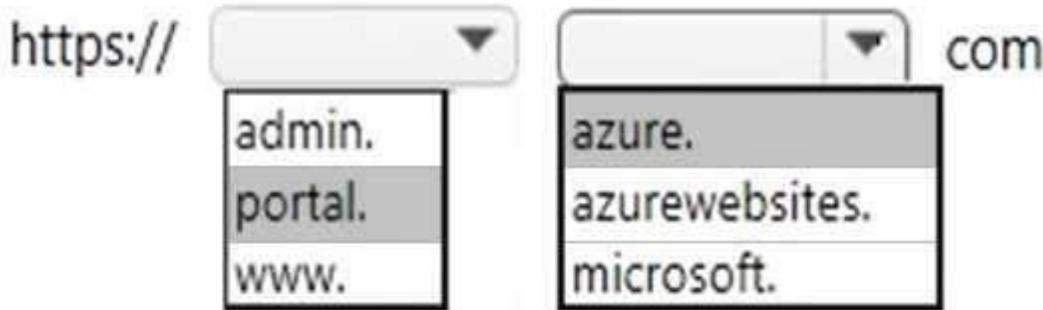
To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Answer:

Explanation:



Question: 61**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.

Answer Area

 Blobs REST-based object storage for unstructured data Explore data using OAuth preview Learn more	 Files File shares that use the standard 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

Answer:

Explanation:

Blobs REST-based object storage for unstructured data Explore data using OAuth preview Learn more	Files File shares that use the standard 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

Reference:

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

Question: 62

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

Answer: CE

Explanation:

Question: 63

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

Answer: C

Explanation:

Question: 64

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Answer Area

Azure virtual machines:	<input type="checkbox"/> Infrastructure as a service (IaaS) <input type="checkbox"/> Platform as a service (PaaS) <input type="checkbox"/> Software as a service (SaaS)
Azure SQL databases:	<input checked="" type="checkbox"/> Infrastructure as a service (IaaS) <input type="checkbox"/> Platform as a service (PaaS) <input type="checkbox"/> Software as a service (SaaS)

Answer:

Explanation:

Azure virtual machine = Infrastructure as a service (IaaS)

Azure SQL databases = Platform as a service (PaaS)

Question: 65

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. All public cloud resources can be freely accessed by every member of the public.
- C. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud.
- D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud.

Answer: D

Explanation:

The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud. The hardware resources (servers, infrastructure etc.) are managed by the cloud provider. Multiple companies create resources such as virtual machines and virtual networks on the hardware resources.

Question: 66

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

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

Answer: D

Explanation:

The Security Center blade from the Azure portal includes the 'regulatory compliance dashboard'.

The regulatory compliance dashboard provides insight into your compliance posture for a set of supported standards and regulations, based on continuous assessments of your Azure environment. In the Azure Security Center regulatory compliance blade, you can get an overview of key portions of your compliance posture with respect to a set of supported standards. Currently supported standards are Azure CIS, PCI DSS 3.2, ISO 27001, and SOC TSP.

In the dashboard, you will find your overall compliance score, and the number of passing versus failing assessments with each standard. You can now focus your attention on the gaps in compliance for a standard or regulation that is important to you.

Reference:

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

Question: 67

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

Answer: B

Explanation:

Authentication, not authorization is the process of verifying a user's credentials.

The difference between authentication and authorization is:

Authentication is proving your identity, proving that you are who you say you are. The most common example of this is logging in to a system by providing credentials such as a username and password.

Authorization is what you're allowed to do once you've been authenticated. For example, what resources you're allowed to access and what you can do with those resources.

Question: 68

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 Multi-Factor Authentication (MFA)
- C. Azure Security Center
- D. Azure Information Protection

Answer: A

Explanation:

Question: 69

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
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

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

Question: 70

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

Answer: C

Explanation:

The VNet will be marked as 'Non-compliant' when the policy is assigned. However, it will not be deleted and will continue to function normally.

Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements.

If there are any existing resources that aren't compliant with a new policy assignment, they appear

under Non-compliant resources.

Reference:

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

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

Question: 71

What can Azure Information Protection encrypt?

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

Answer: B

Explanation:

Azure Information Protection can encrypt documents and emails.

Azure Information Protection is a cloud-based solution that helps an organization to classify and optionally, protect its documents and emails by applying labels. Labels can be applied automatically by administrators who define rules and conditions, manually by users, or a combination where users are given recommendations.

The protection technology uses Azure Rights Management (often abbreviated to Azure RMS). This technology is integrated with other Microsoft cloud services and applications, such as Office 365 and Azure Active Directory.

This protection technology uses encryption, identity, and authorization policies. Similarly to the labels that are applied, protection that is applied by using Rights Management stays with the documents and emails, independently of the location—inside or outside your organization, networks, file servers, and applications.

Reference:

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

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

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
- B. an Azure policy must be modified before an administrator
- C. an Azure tag must be added before an administrator

Answer: B

Explanation:

Question: 73

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. a reservation
- C. an Azure policy
- D. a management group

Answer: C

Explanation:

Azure policies can be used to define requirements for resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources.

Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements. Azure Policy meets this need by evaluating your resources for non-compliance with assigned policies. All data stored by Azure Policy is encrypted at rest.

Azure Policy offers several built-in policies that are available by default. In this question, we would use the 'Allowed Locations' policy to define the locations where resources can be deployed.

Reference:

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

Question: 74

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

Answer: B

Explanation:

Networks in Azure are known as virtual networks. A virtual network can have multiple IP address spaces and multiple subnets. Azure automatically routes traffic between different subnets within a virtual network.

The question states that FinServer must be on a separate network segment. The only way to separate FinServer from the other servers in networking terms is to place the server in a different virtual network to the other servers.

Reference:

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

Question: 75

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	
Disaster recovery	Low latency		A cloud service that remains available after a failure occurs.
Fault tolerance	Dynamic scalability		A cloud service that can be recovered after a failure occurs.
			A cloud service that performs quickly when load increases.
			A cloud service that can be accessed quickly over the Internet.

Answer:

Explanation:

Answer Area

A cloud service that remains available after it occurs

Fault tolerance

A cloud service that can be recovered after it occurs

Disaster recovery

A cloud service that performs quickly when it increases

Dynamic scalability

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

Low latency

Question: 76

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

Answer:

Explanation:

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.

Question: 77

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

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

Answer: A

Explanation:

The SLA for virtual machines guarantees 'uptime'. The amount of uptime guaranteed depends on factors such as whether the VMs are in an availability set or availability zone if there is more than one VM, the distribution of the VMs if there is more than one or the disk type if it is a single VM.

The SLA for Virtual Machines states:

For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.

For all Virtual Machines that have two or more instances deployed in the same Availability Set or in the same Dedicated Host Group, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.

For any Single Instance Virtual Machine using Premium SSD or Ultra Disk for all Operating System Disks and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 99.9%.

Reference:

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

https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

Question: 78**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
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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

Question: 79

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

Answer: A

Explanation:

Reference:

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

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.

Question: 80**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
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	<input type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	<input type="radio"/>	<input type="radio"/>
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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 type="radio"/>

Question: 81**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
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"/>

Answer:

Explanation:

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: 82

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. 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

Answer: A, D

Explanation:

Question: 83**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.

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"/>

Answer:

Explanation:

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: 84

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

Answer: C

Explanation:

Question: 85

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.

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

Answer:

Explanation:

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"/>

Question: 86

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

Answer: A

Explanation:

Question: 87

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.

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 type="radio"/>
All Azure free accounts expire after a specific period.	<input type="radio"/>	<input type="radio"/>
You can create up to 10 Azure free accounts by using the same Microsoft account.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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"/>

Question: 88

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

Answer: D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-resource-limits#obtaining-a-larger-quota-for-sql-managed-instance>

Many Azure resource have quota limits. The purpose of the quota limits is to help you control your Azure costs. However, it is common to require an increase to the default quota.

You can request a quota limit increase by opening a support request. In the support request, select 'Service and subscription limits (quotas)' for the Issue type, select your subscription and the service you want to increase the quota for. For this question, you would select 'SQL Database Managed Instance' as the quote type.

Reference:

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-resource-limits#obtaining-a-larger-quota-for-sql-managed-instance>

Question: 89

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.

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.

Answer:

Explanation:

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.

Question: 90

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

Answer: A

Explanation:

Question: 91

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

Answer: D

Explanation:

Question: 92

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 can delete RG1.
- C. an Azure policy must be modified before an administrator can delete RG1.
- D. an Azure tag must be added before an administrator can delete RG1.

Answer: B

Explanation:

Question: 93**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.

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

Answer:

Explanation:

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 type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>

Question: 94

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

Answer: D

Explanation:

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.

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

Answer:

Explanation:

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

Question: 96

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:

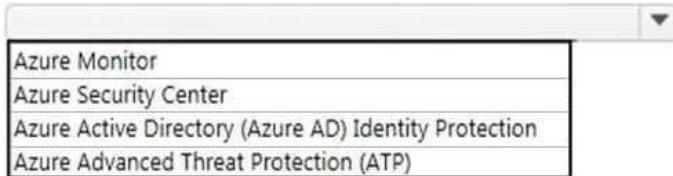
Monitor threats by using sensors

Enforce azure Multi-Factor Authentication (MFA) based on a condition

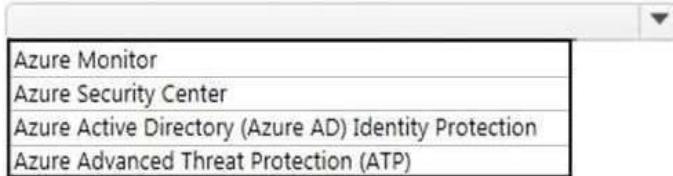
Which Azure service should you identify for each requirement? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Monitor threats by using sensors:



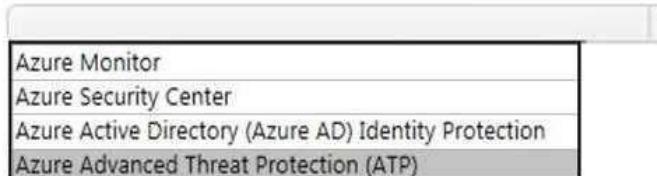
Enforce Azure MFA based on a condition:



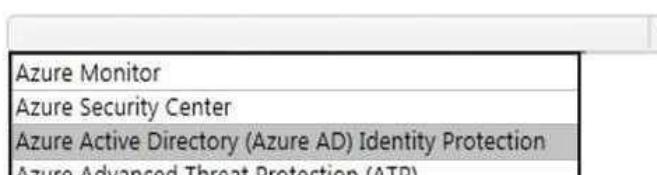
Answer:

Explanation:

Monitor threats by using sensors:



Enforce Azure MFA based on a condition:



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.

Reference:

<https://docs.microsoft.com/en-us/azure-advanced-threat-protection/what-is-atp>

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-identity-protection-configure-mfa-policy>

Question: 97

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

Answer: D

Explanation:

DDoS is a type of attack that tries to exhaust application resources. The goal is to affect the application's availability and its ability to handle legitimate requests. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

Azure has two DDoS service offerings that provide protection from network attacks: DDoS Protection Basic and DDoS Protection Standard.

DDoS Basic protection is integrated into the Azure platform by default and at no extra cost.

You have the option of paying for DDoS Standard. It has several advantages over the basic service, including logging, alerting, and telemetry. DDoS Standard can generate reports that contain details of attempted attacks as required in this question.

Reference:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/ddos-best-practices>

Question: 98

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

Answer: B

Explanation:

Question: 99

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.

NETWORKING (20)

↔ Virtual networks	★
❖ Load balancers	★
🔒 Virtual network gateways	★
🌐 DNS zones	★
🌐 Traffic Manager profiles	★
🔍 Network Watcher	★
↔ Virtual networks (classic)	★
❖ Application gateways	★
❖ Local network gateways	★
🌐 CDN profiles	★
⚠ ExpressRoute circuits	★
🛡 Network security groups	★

Answer:

Explanation:

↔ Virtual networks (classic)	★
❖ Application gateways	★
❖ Local network gateways	★
🌐 CDN profiles	★
⚠ ExpressRoute circuits	★
🛡 Network security groups	★

Question: 100

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

Answer: D

Explanation:

Question: 101

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

Answer: AC

Explanation:

Question: 102

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

Answer: A

Explanation:

Question: 103

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

Answer: A

Explanation:

Question: 104

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

Answer: A

Explanation:

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.

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

Answer:

Explanation:

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: 106

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.

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

Answer:

Explanation:

Yes

NO

NO

Question: 107

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

Answer: A

Explanation:

Azure Cloud Shell is a browser-based shell experience to manage and develop Azure resources.

Cloud Shell offers a browser-accessible, pre-configured shell experience for managing Azure resources without the overhead of installing, versioning, and maintaining a machine yourself.

Being browser-based, Azure Cloud Shell can be run on a browser from a tablet that runs the Android operating system.

Reference:

<https://docs.microsoft.com/en-us/azure/cloud-shell/features>

Question: 108

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

Answer: A

Explanation:

Microsoft Azure SQL Database is a relational database-as-a-service, which falls into the industry category Platform as a Service (PaaS)SQL Server in Azure Virtual Machine (VM) falls into the industry category Infrastructure as a Service (IaaS), and allows you to run SQL Server inside a virtual machine in the cloud."

Question: 109

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have

more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your 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

Answer: B

Explanation:

Azure App Service is a PaaS (Platform as a Service) service. However, Azure virtual machines are an IaaS (Infrastructure as a Service) service. Therefore, this solution does not meet the goal.

Question: 110

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

Answer: B

Explanation:

Azure Storage Accounts are IaaS, PaaS as Microsoft says is "a complete development and deployment environment in the cloud, with resources that enable you to deliver everything from simple cloud-based apps to sophisticated, cloud-enabled enterprise applications". So the answer is No because Storage is IaaS.

Question: 111

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

Answer: C

Explanation:

Elasticity in this case is the ability to provide additional compute resource when needed and reduce the

compute resource when not needed to reduce costs. Autoscaling is an example of elasticity. Elastic computing is the ability to quickly expand or decrease computer processing, memory and storage resources to meet changing demands without worrying about capacity planning and engineering for peak usage. Typically controlled by system monitoring tools, elastic computing matches the amount of resources allocated to the amount of resources actually needed without disrupting operations. With cloud elasticity, a company avoids paying for unused capacity or idle resources and doesn't have to worry about investing in the purchase or maintenance of additional resources and equipment.

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

Question: 112

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)

Answer: C

Explanation:

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.

<https://docs.microsoft.com/en-us/azure/security/fundamentals/paas-applications-using-app-services>

Question: 113

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.

Hot Area:

Answer Area

Azure virtual machines:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

Answer:

Explanation:

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: 114

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

Answer: D

Explanation:

A hybrid cloud is a combination of a private cloud and a public cloud.

Capital expenditure is the spending of money up-front for infrastructure such as new servers.

With a hybrid cloud, you can continue to use the on-premises servers while adding new servers in the public cloud (Azure for example). Adding new servers in Azure minimizes the capital expenditure costs as you are not paying for new servers as you would if you deployed new server on-premises.

Question: 115

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.

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"/>

Answer:

Explanation:

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: 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.

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

Answer: B

Explanation:

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

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

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.

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

Answer: A

Explanation:

Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. An Availability Zone is a physically separate zone, within an Azure region.

There are three Availability Zones per supported Azure region.

Each Availability Zone has a distinct power source, network, and cooling. By architecting your solutions to use replicated VMs in zones, you can protect your apps and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in

another zone.

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

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.

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

Answer: A

Explanation:

By deploying the virtual machines to two or more regions, you are deploying the virtual machines to multiple datacenters. This will ensure that the services running on the virtual machines are available if a single data center fails.

Azure operates in multiple datacenters around the world. These datacenters are grouped in to geographic regions, giving you flexibility in choosing where to build your applications.

You create Azure resources in defined geographic regions like 'West US', 'North Europe', or 'Southeast Asia'. You can review the list of regions and their locations. Within each region, multiple datacenters exist to provide for redundancy and availability.

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

Question: 119

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

Answer: A

Explanation:

One of the major changes that you will face when you move from on-premises cloud to the public

cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it). This switch also requires more careful management of your costs. The benefit of the cloud is that you can fundamentally and positively affect the cost of a service you use by merely shutting down or resizing it when it's not needed.

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

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.

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"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input checked="" type="radio"/>	<input 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"/>

Question: 121

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.

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

Answer:

Explanation:

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"/>

Question: 122

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

Answer: A, E

Explanation:

To implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines, you need to configure a VPN (Virtual Private Network) to connect the on-premises network to the Azure virtual network.

The Azure VPN device is known as a Virtual Network Gateway. The virtual network gateway needs to be located in a dedicated subnet in the Azure virtual network. This dedicated subnet is known as a gateway subnet and must be named 'GatewaySubnet'.

Note: a virtual network (answer D) is also required. However, as we already have virtual machines deployed in a Azure, we can assume that the virtual network is already in place.

Reference:

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

Question: 123

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

Answer:

Explanation:

Answer Area

Azure SQL Database	A managed relational cloud database service.
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	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

Reference:

<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/apache-hadoop-introduction>

Question: 124

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

Answer:

Explanation:

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: 125

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

Answer: C

Explanation:

Azure Key Vault is a secure store for storage various types of sensitive information including passwords and certificates.

Azure Key Vault can be used to Securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets.

Secrets and keys are safeguarded by Azure, using industry-standard algorithms, key lengths, and hardware security modules (HSMs). The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated.

Access to a key vault requires proper authentication and authorization before a caller (user or

application) can get access. Authentication establishes the identity of the caller, while authorization determines the operations that they are allowed to perform.

Reference:

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

Question: 126

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

Answer: D

Explanation:

Azure policies can be used to define requirements for resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources.

Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements.

In this question, we would create a Azure policy assigned to the resource group that denies the creation of virtual machines in the resource group.

You could place a read-only lock on the resource group. However, that would prevent the creation of any resources in the resource group, not virtual machines only. Therefore, an Azure Policy is a better solution.

Reference:

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

Question: 127

This question requires that you evaluate the underlined BOLD 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

Answer: C

Explanation:

Azure Information Protection is used to automatically add a watermark to Microsoft Word documents that contain credit card information.

You use Azure Information Protection labels to apply classification to documents and emails. When you do this, the classification is identifiable regardless of where the data is stored or with whom it's shared. The labels can include visual markings such as a header, footer, or watermark.

Labels can be applied automatically by administrators who define rules and conditions, manually by users, or a combination where users are given recommendations. In this question, we would configure a label to be automatically applied to Microsoft Word documents that contain credit card information. The label would then add the watermark to the documents.

Reference:

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

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

Question: 128

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

Answer: C

Explanation:

You would use the Azure Activity Log, not Azure Monitor to view which user turned off a specific virtual machine during the last 14 days.

Activity logs are kept for 90 days. You can query for any range of dates, as long as the starting date isn't more than 90 days in the past.

In this question, we would create a filter to display shutdown operations on the virtual machine in the last 14 days.

Reference:

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

Question: 129

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.

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

Answer:

Explanation:

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

"Maximum Available Minutes" is the total accumulated minutes during a billing month .

"Downtime" is the total accumulated minutes that are part of Maximum Available Minutes where a system is unavailable.

"Monthly Uptime Percentage" for a service is calculated as Maximum Available Minutes less Downtime divided by Maximum Available Minutes x 100.

Monthly Uptime Percentage is represented by the following formula:

Monthly Uptime % = (Maximum Available Minutes-Downtime) / Maximum Available Minutes x 100.

Reference:

https://azure.microsoft.com/en-au/support/legal/sla/cloud-services/v1_0/

Question: 130

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.

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.

Answer:

Explanation:

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.

Reference:

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

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

Question: 131

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

Answer: C

Explanation:

A basic support plan provides:

24x7 access to billing and subscription support, online self-help, documentation, whitepapers, and support forums

Best practices: Access to full set of Azure Advisor recommendations

Health Status and Notifications: Access to personalized Service Health Dashboard & Health API

Reference:

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

Question: 132

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

Answer: B

Explanation:

A resource group is a logical container for Azure resources. When you create a resource group, you specify which location to create the resource group in. However, when you create a virtual machine and place it in the resource group, the virtual machine can still be in a different location (different datacenter). Therefore, creating multiple resource groups, even if they are in separate datacenters does not ensure that the services running on the virtual machines are available if a single data center fails.

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

Question: 133

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

Answer: D

Explanation:

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

Question: 134

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

Answer: B

Explanation:

You can create an Azure support request from the Help and Support blade in the Azure portal or from the context menu of an Azure resource in the Support + Troubleshooting section.

Reference:

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

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

Answer: A

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.

Reference:

<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

Answer: B

Explanation:

There are different payment options in Azure including pay-as-you-go (PAYG), Enterprise Agreement (EA), and Microsoft Customer Agreement (MCA) accounts.

Your Azure costs are 'per subscription'. You are charged monthly for all resources in a subscription. Therefore, to use different payment options per department, you will need to create a separate subscription per department. You can create multiple subscriptions in a single Azure Active Directory tenant.

Incorrect Answers:

A: A reservation is where you commit to a resource (for example a virtual machine) for one or three years. This gives you a discounted price on the resource for the reservation period. Reservations do not provide a way to use different payment options per department.

C: A resource group is a logical container for Azure resources. You can view the total cost of all the resources in a resource group. However, resource groups do not provide a way to use different payment options per department.

D: A container instance is an Azure resource used to run an application. Container instances do not provide a way to use different payment options per department.

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

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.

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"/>

Answer:

Explanation:

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

Reference:

<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>

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

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

Question: 138

HOTSPOT

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

NOTE: Each correct selection is worth one point.

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

Answer:

Explanation:

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.

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.

Reference:

<https://azure-overview.com/Home/Faq>

Question: 139

HOTSPOT

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

NOTE: Each correct selection is worth one point.

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

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription by creating a support request.

A company can store resources in multiple subscriptions.

Answer:

Explanation:

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

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription by creating a support request.

A company can store resources in multiple subscriptions.

Box 1: Yes

You can use the same account to manage multiple subscriptions. You can create an additional subscription for your account in the Azure portal. You may want an additional subscription to avoid hitting subscription limits, to create separate environments for security, or to isolate data for compliance reasons.

Box 2: No

You cannot merge two subscriptions into a single subscription. However, you can move some Azure resources from one subscription to another. You can also transfer ownership of a subscription and change the billing type for a subscription.

Box 3: Yes

A company can have multiple subscriptions and store resources in the different subscriptions. However, a resource instance can exist in only one subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

Question: 140

HOTSPOT

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

NOTE: Each correct selection is worth one point.

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

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

Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.

Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.

Explanation:

Answer:

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	<input type="radio"/>	<input checked="" 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"/>

Question: 141**HOTSPOT**

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

NOTE: Each correct selection is worth one point.

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 checked="" type="radio"/>	<input type="radio"/>
Transferring data between Azure Storage accounts in different Azure regions is free.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
Transferring data between Azure Storage accounts in different Azure regions is free.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 142

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

Data that is stored in the Archive access tier of an Azure Storage account can be accessed at any time by using azcopy.exe

Instructions: Review the bold text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. can only be read by using Azure Backup
- C. must be restored before the data can be accessed
- D. must be rehydrated before the data can be accessed

Answer: A

Explanation:

Question: 143**HOTSPOT**

statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

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

Answer:

Explanation:

Answer Area

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

Question: 144**HOTSPOT**

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

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

Answer:

Explanation:

Answer Area

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

Reference:

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

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

Question: 145

HOTSPOT

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

NOTE: Each correct selection is worth one point.

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

Answer:

Explanation:

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"/>

Question: 146

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 147

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?

- A. Yes
- B. No

Answer: B

Explanation:

Question: 148

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Reference:

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

Question: 149

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 Azure Traffic Manager profile
- B. a content delivery network (CDN)
- C. an Azure ExpressRoute circuit
- D. an application gateway

Answer: B

Explanation:

Question: 150

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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"/>

Answer:

Explanation:

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"/>

Question: 151

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

Answer: AD

Explanation:

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-messages-d2c>

"There are two storage services IoT Hub can route messages to -- Azure Blob Storage and Azure Data Lake Storage Gen2 (ADLS Gen2) accounts."

Question: 152

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 logic app
- B. a server image in Azure Marketplace
- C. an API app
- D. a web app

Answer: A

Explanation:

<https://docs.microsoft.com/en-us/azure/logic-apps/tutorial-process-email-attachments-workflow>

Question: 153

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

Answer: A, E

Explanation:

Azure virtual machines run on Hyper-V physical servers. The physical servers are owned and managed by Microsoft. As an Azure customer, you have no access to the physical servers. Microsoft manage the replacement of failed server hardware and the security of the physical servers so you don't need to.

Question: 154

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

Answer: B, C

Explanation:

Question: 155

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

Answer:

Explanation:

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

Question: 156

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

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

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. virtual network gateway.
- C. virtual network
- D. route table.

Answer: A

Explanation:

Reference:

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

Question: 157

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

All Azure services that are in public preview are provided without any documentation.

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 configurable from Azure CLI
- C. excluded from the Service Level Agreements
- D. only configurable from the Azure portal

Answer: C

Explanation:

Preview features are made available to you on the condition that you accept additional terms which supplement the regular Azure terms. The supplemental terms state:

"PREVIEWS ARE PROVIDED "AS-IS," "WITH ALL FAULTS," AND "AS AVAILABLE," AND ARE EXCLUDED FROM THE SERVICE LEVEL AGREEMENTS AND LIMITED WARRANTY."

Reference:

<https://azure.microsoft.com/en-gb/support/legal/preview-supplemental-terms/>

Topic 2, Exam Pool B

Question: 158

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

Answer:

Explanation:

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

Azure Pay-As-You-Go pricing is an example of CapEx.

Azure Reserved VM instances are an example of OpEx.

Deploying your own datacenter is an example of CapEx.

One of the major changes that you will face when you move from on-premises cloud to the public cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it).

Box 1: No

With the pay-as-go model, you pay for services as you use them. This is Opex (Operational Expenditure), not CapEx (Capital Expenditure). CapEx is where you pay for something upfront. For example, buying a new physical server.

Box 2: No

Paying for electricity for your own datacenter will be classed as CapEx, not OpEx.

Box 3: Yes

Deploying your own datacenter is an example of CapEx. This is because you need to purchase all the

infrastructure upfront before you can use it.

Reference:

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

Question: 159

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 virtual network
- B. a management group
- C. a subscription
- D. a resource group

Answer: C

Explanation:

The first thing you create in Azure is a subscription. You can think of an Azure subscription as an 'Azure account'. You get billed per subscription.

A subscription is an agreement with Microsoft to use one or more Microsoft cloud platforms or services, for which charges accrue based on either a per-user license fee or on cloud-based resource consumption.

Microsoft's Software as a Service (SaaS)-based cloud offerings (Office 365, Intune/EMS, and Dynamics 365) charge per-user license fees.

Microsoft's Platform as a Service (PaaS) and Infrastructure as a Service (IaaS) cloud offerings (Azure) charge based on cloud resource consumption.

You can also use a trial subscription, but the subscription expires after a specific amount of time or consumption charges. You can convert a trial subscription to a paid subscription.

Organizations can have multiple subscriptions for Microsoft's cloud offerings.

Reference:

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

Question: 160

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.

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"/>

Answer:

Explanation:

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: 161

This question requires that you evaluate the Bold 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

Answer: A

Explanation:

Reference:

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

Question: 162

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.

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

Answer:

Explanation:

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

Reference:

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

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

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

Question: 163

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.

Statements	Yes	No
With Azure Reservations, you pay less for virtual machines that with pay-as-you-go pricing.	<input type="radio"/>	<input type="radio"/>
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	<input type="radio"/>	<input type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
With Azure Reservations, you pay less for virtual machines that with pay-as-you-go pricing.	<input type="radio"/>	<input type="radio"/>
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	<input type="radio"/>	<input type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	<input type="radio"/>	<input type="radio"/>

Reference:

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

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

https://blogs.technet.microsoft.com/uspartner_ts2team/2014/10/10/azure-virtual-machines-stopping-versus-stopping-deallocating/

Question: 164

You plan to provision Infrastructure as a Service (IaaS) resources in Azure.

Which resource is an example of IaaS?

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

Answer: B

Explanation:

An Azure virtual machine is an example of Infrastructure as a Service (IaaS).

Azure web app, Azure logic app and Azure SQL database are all examples of Platform as a Service (PaaS).

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

Question: 165

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

You have an application that is comprised of an Azure web app that has a Service Level Agreement (SLA) of 99.95 percent and an Azure SQL database that has an SLA of 99.99 percent.

The composite SLA for the application is the product of both SLAs, which equals 99.94 percent.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed." If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed.
- B. the lowest SLA associated to the application, which is 99.95 percent
- C. the highest SLA associated to the application, which is 99.99 percent
- D. the difference between the two SLAs, which is 0.05 percent

Answer: A

Explanation:

Question: 166

Which service provides serverless computing in Azure?

- A. Azure Virtual Machines
- B. Azure Container instances
- C. Azure Functions
- D. Azure storage account

Answer: C

Explanation:

Question: 167

This question requires that you evaluate the Bold 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

Answer: C

Explanation:

Microsoft Compliance Manager (Preview) is a free workflow-based risk assessment tool that lets you track, assign, and verify regulatory compliance activities related to Microsoft cloud services. Azure Cloud Shell, on the other hand, is an interactive, authenticated, browser-accessible shell for managing Azure resources.

Reference:

<https://docs.microsoft.com/en-us/microsoft-365/compliance/compliance-manager-overview>

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

Question: 168

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

Answer: B

Explanation:

You are not charged for unused network interfaces. Therefore, deleting unused network interfaces will not reduce the Azure costs for the company.

Reference:

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

Question: 169

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.

Services	Answer Area
Azure Functions	Service Provide operating system virtualization
Azure App Service	Service Provide portable environment for virtualized applications
Azure virtual machines	Service Used to build, deploy, and scale web apps
Azure Container Instances	Service Provide a platform for serverless code

Answer:

Explanation:

Answer Area	
Azure Functions	Provide operating system virtualization
Azure App Service	Provide portable environment for virtualized applications
Azure virtual machines	Used to build, deploy, and scale web apps
Azure Container Instances	Provide a platform for serverless code

Question: 170

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.

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

Answer:

Explanation:

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

Question: 171

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.

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

Answer:

Explanation:

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

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

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

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

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

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

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

Box 1: No

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

Box 2: Yes

Data ingress over a VPN is data ‘coming in’ to Azure over the VPN. You are charged data transfer costs for data ingress.

Box 3: No

Data egress over a VPN is data ‘going out’ of Azure over the VPN. You are not charged for data egress.

Reference:

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

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

Question: 172

This question requires that you evaluate the BOLD 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

Answer: C

Explanation:

The Basic support plan is free so is therefore the cheapest. The Developer support plan is the cheapest paid-for support plan. The order of support plans in terms of cost ranging from the cheapest to most expensive is: Basic, Developer, Standard, Professional Direct, Premier.

Reference:

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

Question: 173

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.

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 can be provided with additional memory by changing the pricing tier.	<input type="radio"/>	<input type="radio"/>
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.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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.

Box 1: No

A PaaS solution does not provide access to the operating system. The Azure Web Apps service provides an environment for you to host your web applications. Behind the scenes, the web apps are hosted on virtual machines running IIS. However, you have no direct access to the virtual machine, the operating system or IIS.

Box 2: Yes

Box 3: Yes

A PaaS solution that hosts web apps in Azure does provide the ability to scale the platform automatically. This is known as autoscaling. Behind the scenes, the web apps are hosted on virtual machines running IIS. Autoscaling means adding more load balanced virtual machines to host the web apps.

Reference:

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

Question: 174

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 virtual machines, Azure SQL databases, and Azure Storage accounts.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Platform as a service (PaaS) is a complete development and deployment environment in the cloud. PaaS includes infrastructure—servers, storage, and networking—but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

Reference:

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

Question: 175

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)

Answer: C

Explanation:

Infrastructure as a service (IaaS) is an instant computing infrastructure, provisioned and managed over the internet. The IaaS service provider manages the infrastructure, while you purchase, install, configure, and manage your own software.

Incorrect Answers:

A: Software as a service (SaaS) allows users to connect to and use cloud-based apps over the Internet. Common examples are email, calendaring, and office tools. In this scenario, you need to run your own apps, and therefore require an infrastructure.

B:

Platform as a service (PaaS) is a complete development and deployment environment in the cloud. PaaS includes infrastructure—servers, storage, and networking—but also middleware, development tools, business intelligence (BI) services, database management systems, and more. PaaS is designed to support the complete web application lifecycle: building, testing, deploying, managing, and updating.

Reference:

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

<https://azure.microsoft.com/en-us/overview/what-is-saas/>

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

Question: 176

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.

Statements	Yes	No
An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.	<input type="radio"/>	<input type="radio"/>
You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.	<input 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 type="radio"/>

Answer:

Explanation:

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"/>

Box 1: No

An Azure AD tenant can have multiple subscriptions but an Azure subscription can only be associated with one Azure AD tenant.

Box 2: Yes

Box 3: No

If your subscription expires, you lose access to all the other resources associated with the subscription. However, the Azure AD directory remains in Azure. You can associate and manage the directory using a different Azure subscription.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-how-subscriptions-associated-directory>

Question: 177

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.

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input type="radio"/>	<input type="radio"/>

Reference:

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

Question: 178

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.

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input type="radio"/>
Every Azure region has multiple datacenters.	<input type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input type="radio"/>
Every Azure region has multiple datacenters.	<input type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input type="radio"/>

Box 1: No

North America has several Azure regions, including West US, Central US, South Central US, East US, and Canada East.

Box 2: Yes

A region is a set of datacenters deployed within a latency-defined perimeter and connected through a dedicated regional low-latency network.

Box 3: No

Outbound data transfer is charged at the normal rate and inbound data transfer is free.

Reference:

<https://azure.microsoft.com/en-us/global-infrastructure/regions/>

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

Question: 179

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

Azure Cosmos DB is an example of a platform as a service (PaaS) offering.

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. infrastructure as a service (IaaS)
- C. serverless
- D. software as a service (SaaS)

Answer: A

Explanation:

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

Reference:

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

Question: 180

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.

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

Answer:

Explanation:

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"/>

Box 1: Yes

There are different replication options available with a storage account. The 'minimum' replication option is Locally Redundant Storage (LRS). With LRS, data is replicated synchronously three times within the primary region.

Box 2: No

Data is not backed up automatically to another Azure Data Center although it can be depending on the replication option configured for the account. Locally Redundant Storage (LRS) is the default which maintains three copies of the data in the data center.

Geo-redundant storage (GRS) has cross-regional replication to protect against regional outages. Data is replicated synchronously three times in the primary region, then replicated asynchronously to the secondary region.

Box 3: No

The limits are much higher than that. The current storage limit is 2 PB for US and Europe, and 500 TB for all other regions (including the UK) with no limit on the number of files.

Reference:

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

Question: 181

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.

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

Answer:

Explanation:

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

Box 1: No

Not all Azure regions administrators in the Azure Portal.

Box 2: No

Regions that support availability zones support Linux virtual machines.

Box 3: Yes

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.

Reference:

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

Question: 182

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

Azure Databricks is an Apache Spark-based analytics service.

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 Data Factory
- C. Azure DevOps
- D. Azure HDInsight

Answer: A

Explanation:

Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including ‘MLib’. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.

Reference:

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics-platform>

Question: 183

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.

Statements	Yes	No
Azure Monitor can monitor the performance of on-premises computers.	<input type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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"/>

Box 1: Yes

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments.

Box 2: Yes

Alerts in Azure Monitor proactively notify you of critical conditions and potentially attempt to take corrective action.

Box 3: Yes

Azure Monitor uses Target Resource, which is the scope and signals available for alerting. A target can be any Azure resource. Example targets: a virtual machine, a storage account, a virtual machine scale set, a Log Analytics workspace, or an Application Insights resource.

Reference:

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

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

Question: 184

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

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

Answer: A

Explanation:

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

Incorrect Answers:

B: Azure DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager

templates. These have all the necessary tools and software that you can use to create environments.

D: Azure Cosmos DB is Microsoft's globally distributed, multi-model database service.

Reference:

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

Question: 185

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

Azure Site Recovery provides fault tolerance for virtual machines.

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. disaster recovery
- C. elasticity
- D. high availability

Answer: A

Explanation:

Azure Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery replicates workloads running on physical and virtual machines (VMs) from a primary site to a secondary location.

Reference:

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

Question: 186

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.

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.

Answer:

Explanation:

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.

Box 1: No

Azure Advisor does not generate a list of virtual machines that ARE protected by Azure Backup. Azure Advisor does however, generate a list of virtual that ARE NOT protected by Azure Backup. You can view a list of virtual machines that are protected by Azure Backup by viewing the Protected Items in the Azure Recovery Services Vault.

Box 2: No

If you implement the security recommendations, your company's score will increase, not decrease.

Box 3: No

There is no requirement to implement the security recommendations provided by Azure Advisor. The recommendations are just that, 'recommendations'. They are not 'requirements'.

Reference:

<https://azure.microsoft.com/en-gb/blog/advisor-backup-recommendations/>

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

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

Question: 187

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.

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.

Answer:

Explanation:

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.

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.

Reference:

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

Question: 188

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.

Statements	Yes	No
You can create Group Policies in Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
You can join Windows 10 devices to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
You can join Android devices to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You can create Group Policies in Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
You can join Windows 10 devices to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
You can join Android devices to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>

Azure AD join only applies to Windows 10 devices.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory-domain-services/manage-group-policy>

<https://docs.microsoft.com/en-us/azure/active-directory/devices/azureadjoin-plan>

Question: 189

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

The Microsoft Online Services Privacy Statement explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

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. Microsoft Online Services Terms
- C. Microsoft Online Service Level Agreement
- D. Online Subscription Agreement for Microsoft Azure

Answer: A

Explanation:

The Microsoft Privacy Statement explains what personal data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data

Reference:

<https://privacy.microsoft.com/en-us/privacystatement>

Question: 190

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.

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

Answer:

Explanation:

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.

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-intro>

Question: 191

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.

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

Answer:

Explanation:

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.

Reference:

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

<https://azure.microsoft.com/en-gb/pricing/details/storage/blobs/>

Question: 192

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.

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

Answer:

Explanation:

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.

Question: 193

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.

Answer: B

Explanation:

For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 months' notification prior to ending support if no successor product or service is offered—excluding free services or preview releases.

Reference:

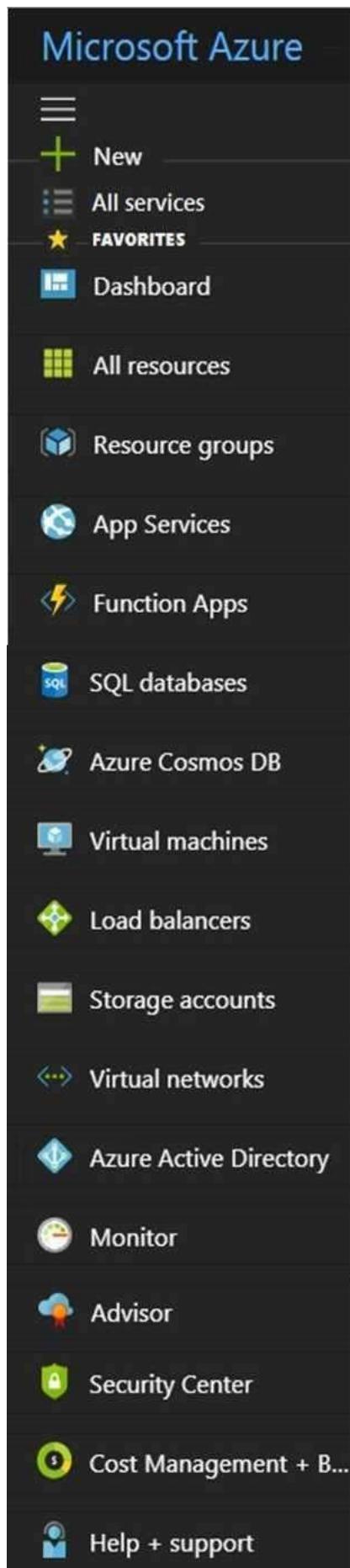
<https://support.microsoft.com/en-us/help/30881/modern-lifecycle-policy>

Question: 194

HOTSPOT

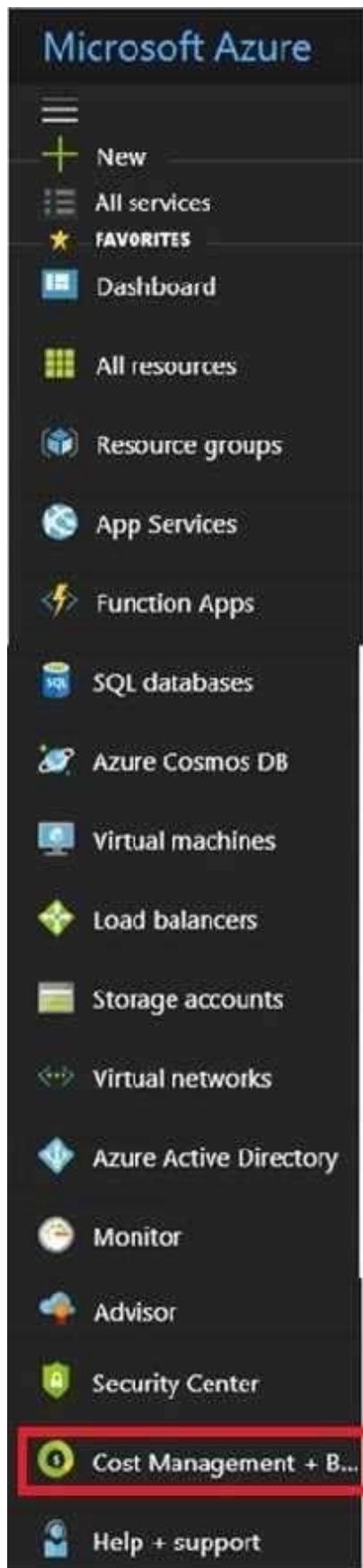
You need to request that Microsoft increase a subscription quota limit for your company.

Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.



Answer:

Explanation:



Reference:

<https://docs.microsoft.com/en-us/azure/azure-portal/supportability/per-vm-quota-requests>

Question: 195

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

You can use Advisor recommendations in Azure to send email alerts when the cost of the current billing period for an Azure subscription exceeds a specified limit.

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. Access control (IAM)
- C. Budget alerts
- D. Compliance

Answer: C

Explanation:

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.

Reference:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending>

Question: 196

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.

Statements	Yes	No
From the Azure portal, you can distinguish between services that are generally available and services that are in public preview.	<input 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 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 type="radio"/>

Answer:

Explanation:

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"/>

Reference:

<https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

Question: 197

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.

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

Answer:

Explanation:

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

Reference:

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

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

Question: 198

HOTSPOT

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

Authorization
Authentication
Federation
Ticketing

is the process of verifying a user's credentials.

Answer:

Explanation:

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

Question: 199

HOTSPOT

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

From: Azure 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.

Answer:

Explanation:

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

Question: 200

HOTSPOT

To complete the sentence, select the appropriate option in the 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

Answer:

Explanation:

If a resource group named RG1 has a delete lock, the delete lock must be removed before an administrator can delete RG1.

Question: 201

HOTSPOT

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

Your company implements Azure policies
 DDoS protection
 Azure Information Protection
 Azure Active Directory (Azure AD) Identity Protection
to automatically add a watermark to Microsoft Word documents that contain credit card information.

Answer:

Explanation:

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

Question: 202

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.

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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="checkbox"/>

Question: 203

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

Answer: D

Explanation:

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

Question: 204

HOTSPOT

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

Answer:

Explanation:

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:

- continues to function normally.

Question: 205

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 Chrome OS and uses Azure Cloud Shell
- D. a computer that runs Linux and has the Azure CLI tools installed

Answer: ABC

Explanation:

Question: 206

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.

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

Answer:

Explanation:

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

Question: 207

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.

Statements	Yes	No
Azure Active Directory Premium P2 guarantees at least 99.9 percent availability.	<input 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 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 type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Azure Active Directory Premium P2 guarantees at least 99.9 percent availability.	<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 checked="" type="radio"/>	<input 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 type="radio"/>	<input checked="" type="radio"/>

Question: 208

HOTSPOT

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

Answer:

Explanation:

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

Question: 209

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.

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

Answer:

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
Copying 10 GB of data from Azure to an on-premises network over a VPN generates additional Azure data transfer costs.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 210

HOTSPOT

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

Answer:

Explanation:

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

The virtual machines can be moved to the new subscription.

Question: 211

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.

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

Answer: B, D

Explanation:

Question: 212

HOTSPOT

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

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

Azure Bastion
 Azure Firewall
 Azure Front Door
 Azure Security Center

Answer:

Explanation:

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

Question: 213

HOTSPOT

You plan to create an Azure virtual machine.

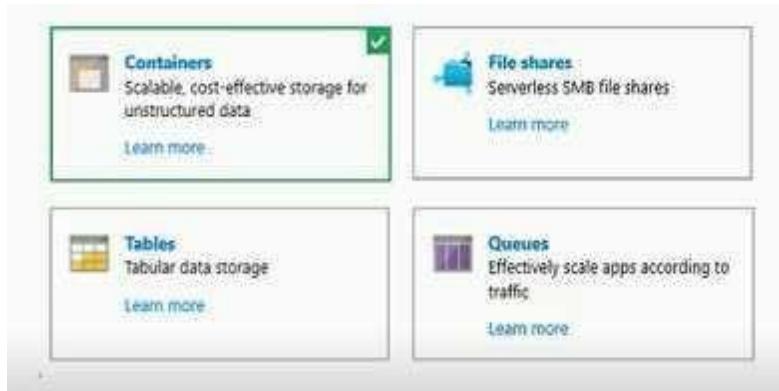
You need to identify which storage service must be used to store the data disks of the virtual machine.

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



Answer:

Explanation:



Azure containers are the backbone of the virtual disks platform for Azure IaaS. Both Azure OS and data disks are implemented as virtual disks where data is durably persisted in the Azure Storage platform and then delivered to the virtual machines for maximum performance. Azure Disks are persisted in Hyper-V VHD format and stored as a page blob in Azure Storage.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-pageblob-overview>

Question: 214

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.

Answer Options		Answer Area
Azure Machine Learning	Azure IoT Hub	Provides a digital online assistant that provides speech support
Azure Bot Services	Azure Functions	Uses past trainings to provide predictions that have high probability
		Provides serverless computing functionalities
		Processes data from millions of sensors

Answer:

Explanation:

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

Question: 215**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.

Statements	Yes	No
All the Azure resources deployed to a resource group must use the same Azure region.	<input type="radio"/>	<input type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input type="radio"/>
If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
All the Azure resources deployed to a resource group must use 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 assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 216**HOTSPOT**

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

Answer:

Explanation:

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.

Question: 217

HOTSPOT

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

Answer:

Explanation:

Data that is stored in the Archive access tier of an Azure Storage account can be accessed at any time by using azcopy.exe.

Question: 218

HOTSPOT

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

From Azure 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.

Answer:

Explanation:

Azure Activity Log

Question: 219

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.

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 Synapse Analytics	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

Answer:

Explanation:

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

Question: 220

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.

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	<input type="radio"/>	<input type="radio"/>
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	<input type="radio"/>	<input type="radio"/>
The Azure portal can only be accessed from a Windows device.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

YES
YES
YES
YES

Question: 221

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.

Which unused resources should you remove?

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

Answer: C

Explanation:

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

Question: 222

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.

Answer: B

Explanation:

<https://blog.pragmaticworks.com/what-is-azure-advisor#:~:text=Microsoft%20defines%20Azure%20Advisor%20as,solutions%20based%20on%20that%20data.>

Question: 223

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.

Statements	Yes	No
General Data Protection Regulation (GDPR) defines data protection and privacy rules.	<input type="radio"/>	<input type="radio"/>
General Data Protection Regulation (GDPR) applies to companies that offer goods or services to individuals in the EU.	<input type="radio"/>	<input type="radio"/>
Azure can be used to build a General Data Protection Regulation (GDPR)-compliant infrastructure.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Yes
YES
YES

Question: 224

HOTSPOT

To complete the sentence, select the appropriate option in the 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

Answer:

Explanation:

In the Public Cloud

Question: 225

HOTSPOT

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

Answer:

Explanation:

start an existing Azure virtual machine

Question: 226

HOTSPOT

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

Answer Area

One of the benefits of Azure SQL Data Warehouse is that high availability
 automatic scaling
 data compression
 versioning

is built into the platform.



Answer:

Explanation:

High Availability

Question: 227

HOTSPOT

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

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

Answer:

Explanation:

the delete lock must be removed before an administrator

Question: 228

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
You can nest resource groups.	<input type="radio"/>	<input type="radio"/>
An Azure virtual machine can be in multiple resource groups.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can nest resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure virtual machine can be in multiple resource groups.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 229

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
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"/>

Answer:

Explanation:

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"/>

Question: 230

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
If your company uses an Azure free account, you can only deploy Azure virtual machines and Azure storage accounts.	<input type="radio"/>	<input type="radio"/>
All Azure free accounts expire after a specific period.	<input type="radio"/>	<input type="radio"/>
You can create up to 10 Azure free accounts by using the same Microsoft account.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
If your company uses an Azure free account, you can only deploy Azure virtual machines and Azure storage accounts.	<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: 231

HOTSPOT

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

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.

Answer:

Explanation:

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.

Question: 232

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

Answer:

Explanation:

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"/>

Question: 233

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
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 type="radio"/>	<input type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 234

HOTSPOT

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

Azure Cosmos DB is an example of a offering.

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

Answer:

Explanation:

Azure Cosmos DB is an example of a offering.

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

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

Reference:

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

Question: 235

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.

Statements	Yes	No
Building a data center infrastructure is an example of operational expenditure (OpEx) costs.	<input type="radio"/>	<input type="radio"/>
Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.	<input type="radio"/>	<input type="radio"/>
Leasing software is an example of operational expenditure (OpEx) costs.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Building a data center infrastructure is an example of operational expenditure (OpEx) costs.	<input type="radio"/>	<input checked="" type="radio"/>
Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.	<input checked="" type="radio"/>	<input type="radio"/>
Leasing software is an example of operational expenditure (OpEx) costs.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No

Building a data center infrastructure is capital expenditure, not operation expenditure.

Box 2: Yes

OpEx is ongoing costs (costs of operations) such as staff salaries.

Box 2: Yes

OpEx is ongoing costs (costs of operations) such as leasing software. If you purchased software as a one-off purchase, that would be CapEx, but leasing software is ongoing so it's OpEx.

Question: 236

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

An Availability Zone in Azure has physically separate locations across two continents.

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. within a single Azure region
- C. within multiple Azure regions
- D. within a single Azure datacenter

Answer: B

Explanation:

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region.

Reference:

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

Question: 237

HOTSPOT

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

Answer:

Explanation:

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.

Azure storage offers different access tiers: hot, cool and archive.

The archive access tier has the lowest storage cost. But it has higher data retrieval costs compared to the hot and cool tiers. Data in the archive tier can take several hours to retrieve.

While a blob is in archive storage, the blob data is offline and can't be read, overwritten, or modified. To read or download a blob in archive, you must first rehydrate it to an online tier.

Example usage scenarios for the archive access tier include:

Long-term backup, secondary backup, and archival datasets

Original (raw) data that must be preserved, even after it has been processed into final usable form.

Compliance and archival data that needs to be stored for a long time and is hardly ever accessed.

Reference:

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers?tabs=azure-portal#archive-access-tier>

Question: 238

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.

Statements	Yes	No
All the Azure resources deployed to a resource group must use the same Azure region.	<input type="radio"/>	<input type="radio"/>
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	<input type="radio"/>	<input type="radio"/>
If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
All the Azure resources deployed to a resource group must use 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 assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No

Azure resources deployed to a single resource group can be located in different regions. The resource group only contains metadata about the resources it contains.

When creating a resource group, you need to provide a location for that resource group. You may be wondering, "Why does a resource group need a location? And, if the resources can have different locations than the resource group, why does the resource group location matter at all?" The resource group stores metadata about the resources. When you specify a location for the resource group, you're specifying where that metadata is stored. For compliance reasons, you may need to ensure that your data is stored in a particular region.

Box 2: No

Tags for Resources are not inherited by default from their Resource Group

Box 3: Yes

A resource group can be used to scope access control for administrative actions. By default, permissions set at the resource level are inherited by the resources in the resource group.

Reference:

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

Question: 239

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.

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

Answer:

Explanation:

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

Box 1: Yes

You can assign additional account administrators in the Azure Portal.

Box 2: No

You need an Azure Active Directory account to manage a subscription, not a Microsoft account.

An account is created in the Azure Active Directory when you create the subscription. Further accounts can be created in the Azure Active Directory to manage the subscription.

Box 3: No

Resource groups are logical containers for Azure resources. However, resource groups do not contain subscriptions. Subscriptions contain resource groups.

Reference:

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

Question: 240

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

Services	Answer Area
Azure Active Directory (Azure AD)	Analyze security log files from Azure virtual machines
Azure Key Vault	Display the secure score for an Azure subscription
Azure Lighthouse	Store passwords for use by Azure Function applications
Azure Security Center	
Azure Sentinel	

Answer:

Explanation:

Services	Answer Area
Azure Active Directory (Azure AD)	Azure Sentinel: Analyze security log files from Azure virtual machines
Azure Key Vault	Azure Security Center: Display the secure score for an Azure subscription
Azure Lighthouse	Azure Key Vault: Store passwords for use by Azure Function applications
Azure Security Center	

Question: 241

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

Answer: B

Explanation:

Question: 242

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

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

Answer: A

Explanation:

Question: 243

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.

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

Answer:

Explanation:

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

Reference:

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

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

Question: 244

HOTSPOT

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

An Azure Policy initiative 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

Answer:

Explanation:

An Azure Policy initiative 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

Reference:

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

Question: 245

HOTSPOT

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

Azure Site Recovery provides

fault tolerance
disaster recovery
elasticity
high availability

Answer:

Explanation:

Azure Site Recovery provides  for virtual machines.

fault tolerance
disaster recovery
elasticity
high availability

Azure Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery replicates workloads running on physical and virtual machines (VMs) from a primary site to a secondary location.

Reference:

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

Question: 246

To which cloud models can you deploy physical servers?

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

Answer: A

Explanation:

A private cloud is on-premises so you can deploy physical servers.

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

Reference:

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

Question: 247

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

Answer: C

Explanation:

Microsoft Azure, Amazon Web Services and Google Cloud are three examples of public cloud services.

Microsoft, Amazon and Google own the hardware. The tenants are the customers who use the public cloud services.

Question: 248

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

Cloud model	Work Area
Hybrid Cloud	No required capital expenditure.
Private Cloud	Provides complete control over security.
Public Cloud	Provides a choice to use on-premises or cloud-based resources.

Answer:

Explanation:

- | | |
|---------------|--|
| Public Cloud | No required capital expenditure. |
| Private Cloud | Provides complete control over security. |
| Hybrid Cloud | Provides a choice to use on-premises or cloud-based resources. |

Box 1: Public Cloud

With a public cloud, there is no capital expenditure on server hardware etc. You only pay for cloud resources that you use as you use them.

Box 2: Private Cloud

A private cloud exists on premises, so you have complete control over security.

Box 3: Hybrid Cloud

A hybrid cloud is a mix of public cloud resources and on-premises resources. Therefore, you have a choice to use either.

Question: 249

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

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

Answer: C

Explanation:

Reference:

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

Question: 250

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.

Answer: ABE

Explanation:

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

The Azure portal offers three ways to create a VM:

Using the graphical portal.

Using the Azure Cloud Shell using Bash.

Using the Azure Cloud Shell using PowerShell.

Question: 251

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

Answer: B

Explanation:

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

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

Question: 252

Your company is planning a deployment using Azure Database for PostgreSQL. The deployment should meet the following requirements:

- Up to 10 TB storage
- Azure Premium Storage
- Point-in-time-restore for up to 35 days

You need to select the appropriate deployment and pricing tier to meet these requirements and minimize costs. What should you select?

- A. Azure Database for PostgreSQL Single Server Memory Optimized tier
- B. Azure Database for PostgreSQL Hyperscale (Citus)
- C. Azure Database for PostgreSQL Single Server General Purpose tier
- D. Azure Database for PostgreSQL Single Server Basic tier

Answer: C

Explanation:

Question: 253

Your company uses management groups to manage resources in your Azure tenant more efficiently. User1 should be able to assign access and assign policies to management groups. You need to determine to which role-based access control (RBAC) role User1 should be added.

Your solution should follow the principle of least privilege. To which role should you add User1?

- A. Owner
- B. User Access Administrator
- C. Management Group Contributor
- D. Contributor

Answer: B

Explanation:

Question: 254

A team has an Azure Cosmos DB account. A solution needs to be in place to generate an alert from Azure Log Analytics when a query request charge exceeds 40 units more than 10 times during a 10-minute window.

Which of the following would you recommend? (Choose two)

- A. Create a search query to identify when the requestCharge_s exceeds 10.
- B. Configure a period of 10 and a frequency of 10.
- C. Create a search query to identify when the requestCharge_s exceeds
- D. Create a search query to identify when the duration_s exceeds 10.

Answer: BC

Explanation:

Question: 255

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

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

Answer: A

Explanation:

You can restrict traffic to multiple virtual networks in multiple subscriptions with a single Azure firewall.

Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability.

You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources allowing outside firewalls to identify traffic originating from your virtual network.

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

Question: 256

A company is planning on deploying a stateless based application based on microservices using the Azure Service Fabric service. You need to design the infrastructure that would be required in the Azure Service Fabric service.

Which of the following should you consider? (Choose two)

- A. The network connectivity
- B. The number of node types in the cluster
- C. The properties for each node type
- D. The service tier

Answer: BC

Explanation:

Question: 257

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

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

Answer: A

Explanation:

Question: 258

HOTSPOT

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

NOTE: Each correct match is worth one point.

Statements	Yes	No
The Microsoft Service Trust Portal can be accessed by using a Microsoft cloud services account.	<input type="radio"/>	<input type="radio"/>
Compliance Manager can be used to track your company's regulatory compliance activities related to Microsoft cloud services.	<input type="radio"/>	<input type="radio"/>
The My Library feature can be used to save Microsoft Service Trust Portal documents and resources in a single location.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
The Microsoft Service Trust Portal can be accessed by using a Microsoft cloud services account.	<input checked="" type="radio"/>	<input type="radio"/>
Compliance Manager can be used to track your company's regulatory compliance activities related to Microsoft cloud services.	<input checked="" type="radio"/>	<input type="radio"/>
The My Library feature can be used to save Microsoft Service Trust Portal documents and resources in a single location.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 259**HOTSPOT**

For each of the following statements, select Yes if the statement is true, Otherwise, select No.
NOTE: Each correct match is worth one point.

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	<input type="radio"/>	<input checked="" 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 type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a network interface.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 260**HOTSPOT**

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

After you create a virtual machine, you need to modify the _____ to allow connections to TCP port 8080 on the virtual machine.

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

Answer:

Explanation:

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

Question: 261

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 Information Protection policy
- C. An Encryption Key
- D. An Azure Key Vault

Answer: D

Explanation:

Question: 262

HOTSPOT

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

You can use Advisor recommendations
 Access control (IAM)
 Budget alerts
 Compliance

in Azure to send email alerts when the cost of the current
billing period exceeds a specified limit.

Answer:

Explanation:

You can use Advisor recommendations in Azure to send email alerts when the cost of the current
billing period for an Azure subscription exceeds a specified limit.

Question: 263

DRAG DROP

Match the term to the appropriate description.

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.

Terms
authorization
multi-factor authentication (MFA)
single sign-on (SSO)

Answer Area
Term: The ability to use the same credentials to access multiple resources and applications from different providers.
Term: The process of identifying the access level of a user or service.
Term: One of several elements required to identify a user or a service.

Answer:

Explanation:

single sign-on (SSO)	The ability to use the same credentials to access multiple resources and applications from different providers.
authorization	The process of identifying the access level of a user or service.
multi-factor authentication (MFA)	One of several elements required to identify a user or a service.

Question: 264

HOTSPOT

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

NOTE: Each correct match is worth one point.

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

Answer:

Explanation:

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"/>

Question: 265

HOTSPOT

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

Azure Container Instances	provide access to unused Azure compute capacity at deep discounts.
Azure Reserved Virtual Machine Instances	
Azure Spot virtual machine instances	
Azure virtual machine scale sets	

Answer:

Explanation:

Azure Container Instances	provide access to unused Azure compute capacity at deep discounts.
Azure Reserved Virtual Machine Instances	
Azure Spot virtual machine instances	
Azure virtual machine scale sets	

Question: 266

What can you use to identify underutilized or unused Azure virtual machines?

- A. Azure Advisor
- B. Azure Cost Management + Billing
- C. Azure reservations
- D. Azure Policy

Answer: A

Explanation:

Question: 267

HOTSPOT

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

NOTE: Each correct match is worth one point.

Statements	Yes	No
Azure DevOps Services allows developers to deploy or update applications to Azure using Continuous Integration/Continuous Delivery (CI/CD) pipelines.	<input type="radio"/>	<input type="radio"/>
Azure DevOps Services includes a Git repository for developers to store code.	<input type="radio"/>	<input type="radio"/>
Azure DevOps Services can be used to build and host web apps.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Azure DevOps Services allows developers to deploy or update applications to Azure using Continuous Integration/Continuous Delivery (CI/CD) pipelines.	<input checked="" type="radio"/>	<input type="radio"/>
Azure DevOps Services includes a Git repository for developers to store code.	<input checked="" type="radio"/>	<input type="radio"/>
Azure DevOps Services can be used to build and host web apps.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 268

HOTSPOT

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

Azure Databricks is an Apache Spark-based analytics service.

Azure Databricks
 Azure Data Factory
 Azure DevOps
 Azure HDInsight

Answer:

Explanation:

Azure Databricks is an Apache Spark-based analytics service.

Question: 269

HOTSPOT

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

NOTE: Each correct match is worth one point.

Statements	Yes	No
You can configure the Azure Active Directory (Azure AD) activity logs to appear in Azure Monitor.	<input type="radio"/>	<input type="radio"/>
From Azure Monitor, you can create alerts.	<input type="radio"/>	<input type="radio"/>
From Azure Monitor, you can monitor resources across multiple Azure subscriptions.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You can configure the Azure Active Directory (Azure AD) activity logs to appear in Azure Monitor.	<input type="radio"/>	<input checked="" type="radio"/>
From Azure Monitor, you can create alerts.	<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"/>

Question: 270

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.

Statements	Yes	No
You can create custom Azure roles to control access to resources.	<input type="radio"/>	<input type="radio"/>
A user account can be assigned to multiple Azure roles.	<input type="radio"/>	<input type="radio"/>
A resource group can have the Owner role assigned to multiple users.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You can create custom Azure roles to control access to resources.	<input checked="" type="radio"/>	<input type="radio"/>
A user account can be assigned to multiple Azure roles.	<input checked="" type="radio"/>	<input type="radio"/>
A resource group can have the Owner role assigned to multiple users.	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 271

DRAG DROP

Match the cloud computing benefits to the correct descriptions.

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

Benefits	Answer Area
Agility	<input type="text"/> Benefit Resources can be provisioned dynamically to meet changing demands.
Geo-distribution	<input type="text"/> Benefit Applications and data can be deployed to multiple regions.
Scalability	<input type="text"/> Benefit Applications can be developed, tested, and launched rapidly.

Answer:

Explanation:

<input type="text"/> Scalability	Resources can be provisioned dynamically to meet changing demands.
<input type="text"/> Geo-distribution	Applications and data can be deployed to multiple regions.
<input type="text"/> Agility	Applications can be developed, tested, and launched rapidly.

Question: 272

HOTSPOT

You plan to use Azure to host two apps named App1 and App2. The apps must meet the following requirements

- You must be able to modify the code of App1
- Administrative effort to manage the operating system of App1 must be minimized.
- App2 must run interactively with the operating system of the server.

Which type of cloud service should you use for each app?

Infrastructure as a service (IaaS)
Platform as a service (PaaS)
App1: Software as a service (SaaS)

App2:
Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

Answer:

Explanation:

App1: Software as a service (SaaS) ▾

App2: Platform as a service (PaaS) ▾

Question: 273

HOTSPOT

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

Answer:

Explanation:

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. This is because Azure uses the pay-as-you-go model.

Question: 274

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.

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input checked="" type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>

Reference:

<https://azure.microsoft.com/en-us/overview/what-is-saas/>

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

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

Question: 275

HOTSPOT

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

Answer:

Explanation:

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.

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region.

Reference:

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

Question: 276

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.

Statements	Yes	No
You can create a resource group inside of an other resource group.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure virtual machine can be in multiple resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You can create a resource group inside of an other resource group.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure virtual machine can be in multiple resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

Box 1: No

Box 2: No

Each resource can exist in only one resource group.

Box 3: Yes

Resources from multiple different regions can be placed in a resource group. The resource group only contains metadata about the resources it contains.

Reference:

<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: 277

HOTSPOT

To answer, select the appropriate option in the 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 2019.

Answer:

Explanation:

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

- The virtual machines cannot be moved to the new subscription.

Question: 278

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

You need to ensure that administrators can only create resources in those regions.

What should you use?

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

Answer: B

Explanation:

Reference:

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

Question: 279

HOTSPOT

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

Answer:

Explanation:

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.

The Microsoft Privacy Statement explains what personal data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data

Reference:

<https://privacy.microsoft.com/en-us/privacystatement>

Topic 3, Exam Pool C (NEW)

Question: 280

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.

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 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"/>

Answer:

Explanation:

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 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"/>

Box 1: No

It is not true that you must deploy a federation solution or sync on-premises identities to the cloud.
You can have a cloud-only environment and use MFA.

Box 2: No

Picture identification and passport numbers are not valid MFA authentication methods. Valid methods include: Password, Microsoft Authenticator App, SMS and Voice call.

Box 3:

You can configure MFA to be required for administrator accounts only or you can configure MFA for any user account.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

Question: 281

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.

Services	Answer Area
Azure Sphere	<input type="text"/>
IoT Central	<input type="text"/>
IoT Hub	<input type="text"/>

Answer:

Explanation:

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

Reference:

<https://docs.microsoft.com/en-us/azure-sphere/product-overview/what-is-azure-sphere>

<https://docs.microsoft.com/en-us/azure/iot-central/core/overview-iot-central>

<https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub>

Question: 282

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

Answer: B

Explanation:

Azure Service Health provides a personalized view of the health of the Azure services and regions you're using. This is the best place to look for service impacting communications about outages, planned maintenance activities, and other health advisories because the authenticated Service Health experience knows which services and resources you currently use.

Reference:

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

Question: 283

HOTSPOT

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

You can view your company's regulatory compliance report from

▼
Azure Advisor
Azure Analysis Services
Azure Monitor
Azure Security Center

Answer:

Explanation:

You can view your company's regulatory compliance report from

▼
Azure Advisor
Azure Analysis Services
Azure Monitor
Azure Security Center

The advanced monitoring capabilities in Security Center lets 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.

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-intro>

Question: 284

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.

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	<input type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a virtual network.	<input type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a network interface.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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"/>

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works>

Question: 285

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.

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 type="radio"/>

Answer:

Explanation:

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 type="radio"/>

Box 1: Yes

SLA's 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 SLA's. You can deploy resources to multiple regions under a single subscription or you can have multiple subscriptions with resources deployed to the same region.

Reference:

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

Question: 286

HOTSPOT

To complete the sentence, select the appropriate option in the 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

Answer:

Explanation:

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

Preview features are made available to you on the condition that you accept additional terms which supplement the regular Azure terms. The supplemental terms state:

PREVIEWS ARE PROVIDED "AS-IS," "WITH ALL FAULTS," AND "AS AVAILABLE," AND ARE EXCLUDED FROM THE SERVICE LEVEL AGREEMENTS AND LIMITED WARRANTY.

Reference:

<https://azure.microsoft.com/en-gb/support/legal/preview-supplemental-terms/>

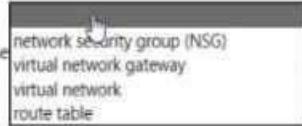
Question: 287

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

After you create a virtual machine, you need to modify the _____ to allow connections to TCP port 8080 on the virtual machine.



Answer:

Explanation:

Answer Area

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

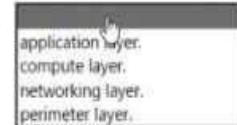
Question: 288

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

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



Answer:

Explanation:

Answer Area

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

Question: 289

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

- A. Azure Analysis Services
- B. Azure Cognitive Services
- C. Azure Sentinel

D. Azure information Protection

Answer: C

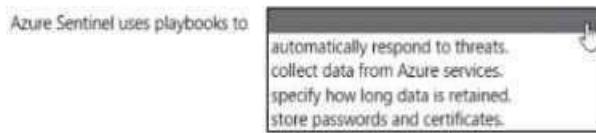
Explanation:

Question: 290

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area



Answer:

Explanation:

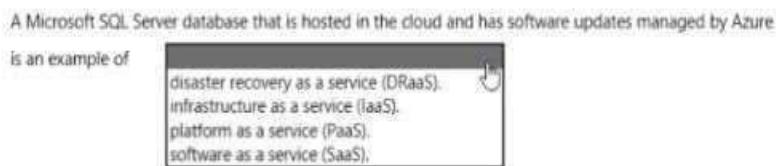
Answer Area

**Question: 291**

HOTSPOT

Select the answer that correctly completes the sentence.

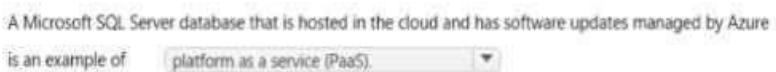
Answer Area



Answer:

Explanation:

Answer Area

**Question: 292**

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

Answer: A

Explanation:

Question: 293

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

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

Answer: A

Explanation:

Question: 294

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
You can use Azure Cost Management to view costs associated to management groups.	<input type="radio"/>	<input type="radio"/>
You can use Azure Cost Management to view costs associated to resource groups.	<input 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 type="radio"/>

Answer:

Explanation:

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

Question: 295

You have an accounting application named App1 that uses a legacy database. You plan to move App1 to the cloud. Which service model should you use?

- A. software as a service (SaaS)
- B. infrastructure as a service (IaaS)
- C. platform as a service (PaaS)

Answer: B

Explanation:

Question: 296

What is the longest term you can purchase for Azure Reserved VM Instances?

- A. three years
- B. four years
- C. one year
- D. five years

Answer: A

Explanation:

Question: 297

You need to manage containers.

Which two services can you use? Each correct answer presents a complete solution,

NOTE: Each correct selection is worth one point.

- A. Azure Virtual Desktop
- B. Azure virtual machines
- C. Azure Functions
- D. Azure Kubernetes Service (AKS)
- E. Azure Container Instances

Answer: D, E

Explanation:

Question: 298**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

Azure Databricks is an Apache Spark-based analytics service.
These are the answer selections.

- Azure Databricks
- Azure Data Factory
- Azure DevOps
- Azure Synapse Analytics

Answer:

Explanation:

Answer Area

Azure Databricks is an Apache Spark-based analytics service.

Question: 299**HOTSPOT**

Select the answer that correctly completes the sentence.

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.

Answer:

Explanation:

Answer Area

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

Question: 300**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
The Archive access tier is set at the storage account level.	<input type="radio"/>	<input type="radio"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input type="radio"/>	<input type="radio"/>
The Cool access tier is recommended for long term backups.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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

Question: 301

DRAG DROP

Match The cloud service models to the appropriate offerings.

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

NOTE Each correct match is worth one point.

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

Answer Area
Model Azure App Service
Model Azure virtual machines
Model Microsoft Dynamics 365

Answer:

Explanation:

Answer Area

Platform as a service (PaaS)	Azure App Service
Infrastructure as a service (IaaS)	Azure virtual machines
Software as a service (SaaS)	Microsoft Dynamics 365

Question: 302**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
Pay-As-You-Go (PAYG) is a consumption-based model.	<input type="radio"/>	<input type="radio"/>
Payments to cloud service providers are considered capital expenditures (CapEx).	<input type="radio"/>	<input type="radio"/>
The services provided through a consumption-based model are considered operational expenditures (OpEx).	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Pay-As-You-Go (PAYG) is a consumption-based model.	<input checked="" type="radio"/>	<input type="radio"/>
Payments to cloud service providers are considered capital expenditures (CapEx).	<input type="radio"/>	<input type="radio"/>
The services provided through a consumption-based model are considered operational expenditures (OpEx).	<input type="radio"/>	<input checked="" type="checkbox"/>

Question: 303**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.

NOTE: Each correct selection is worth one point.

Layers	Answer Area
Perimeter	
Application	
Physical Security	

The diagram consists of four concentric blue rectangles. The innermost rectangle is labeled 'Identity & Access'. The second rectangle outwards is labeled 'Network'. The third is labeled 'Compute'. The outermost rectangle is labeled 'Perimeter'.

Answer:

Explanation:

Layers	Answer Area
Perimeter	
Application	
Physical Security	

The diagram consists of four concentric blue rectangles. The innermost rectangle is labeled 'Application'. The second rectangle outwards is labeled 'Identity & Access'. The third is labeled 'Physical Security'. The outermost rectangle is labeled 'Perimeter'.

Question: 304

DRAG DROP

Match the resources to the appropriate descriptions.

To answer, drag the appropriate resource from the column on the left to its description on the right,

Each resource may be used once, more than once, or not at all,

NOTE: Each correct match is worth one point.

Resources	Answer Area
Data Protection Addendum	<input type="text"/>
Microsoft Privacy Statement	<input type="text"/>
Online Services Terms	<input type="text"/>

Answer:

Explanation:

Resources	Answer Area
Data Protection Addendum	<input type="text"/> Data Protection Addendum
Microsoft Privacy Statement	<input type="text"/> Microsoft Privacy Statement
Online Services Terms	<input type="text"/> Online Services Terms

Question: 305

You have an Azure environment that contains 10 virtual networks and 100 virtual machines.

You need to limit the inbound traffic to all the Azure virtual networks.

What should you create?

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

Answer: A

Explanation:

Question: 306

Fill in the blank

(_____) is a highly secure IoT solution
that includes a microcontroller unit (MCU) and a customized Linux operating system.

Answer: Azure IoT Central

Explanation:

Question: 307

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.

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	<input type="radio"/>	<input type="radio"/>
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	<input type="radio"/>	<input type="radio"/>
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer:

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	<input type="radio"/>	<input checked="" type="radio"/>
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	<input checked="" type="radio"/>	<input type="radio"/>
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 308

Fill in the blank

To save on the costs of an unused Azure virtual machine that runs Windows 10, you should

(_____)

**Answer: select Stop
for the virtual
machine from the
Azure portal.**

Explanation:

Question: 309

DRAG DROP

Match the cloud computing benefits to the correct descriptions.

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

Service Benefit	Answer Area
Disaster recovery	
Geo-distribution	
High availability	
Scalability	

Answer:

Explanation:

Service Benefit	Answer Area
Disaster recovery	
Geo-distribution	
High availability	
Scalability	

Question: 310

Fill in the blank

(_____) runs application code in Azure without requiring a server.

Answer: Azure Functions

Explanation:

Question: 311

HOTSPOT

Which node in the Azure portal should you use to assign a user the Reader role for a resource group?

To answer, select the node in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

Explanation:

Policies

Question: 312

You have an Azure application that uses the services shown in the following table.

Service	Service Level Agreement (SLA)
Azure virtual machines	99.9 %
Azure SQL Database	99.99%

How should you calculate the composite SLA for the application?

- A. $\text{Max}(0.999, 0.9999) = 0.9999 = 99.99\%$
- B. $0.999 / 0.9999 = 4.9991 = 99.91\%$
- C. $0.999 * 0.9999 = 0.9989001 = 99.89001\%$
- D. $\text{Min}(0.999, 0.9999) = 0.999 = 99.9\%$

Answer: C

Explanation:

Question: 313

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.

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input type="radio"/>	<input type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input checked="" type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input checked="" type="radio"/>	<input type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 314

Which Service Level Agreement (SLA) is provided for Azure services in public preview?

- A. Each service defines its own SLA.
- B. The SLA will be 99%.
- C. The SLA will be 1% less than the general availability (GA) SLA.
- D. The SLA will be 99.95%.

Answer: A

Explanation:

Question: 315

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.

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	<input type="radio"/>	<input type="radio"/>
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	<input type="radio"/>	<input type="radio"/>
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	<input type="radio"/>	<input checked="" type="radio"/>
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	<input checked="" type="radio"/>	<input type="radio"/>
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 316

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

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

Answer: C

Explanation:

Question: 317

Fill in the blank

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

Answer: storage.

Explanation:

Question: 318

Requiring a user to enter a password and answer a security question when signing-in to Azure Active Directory (Azure AD) is an example of

Answer: multi-factor authentication (MFA)

Explanation:

Question: 319

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. public
- C. private

Answer: A

Explanation:

Question: 320

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

Answer: networking layer

Explanation:

Question: 321

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

Answer: Network Address Translation (NAT) rules

Explanation:

Question: 322

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.

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	<input type="radio"/>	<input type="radio"/>
A private cloud must be disconnected from the internet.	<input type="radio"/>	<input type="radio"/>
Part of a hybrid cloud is the public cloud.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
A private cloud must be disconnected from the internet.	<input type="radio"/>	<input checked="" type="radio"/>
Part of a hybrid cloud is the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 323

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.

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 type="radio"/>
With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.	<input type="radio"/>	<input type="radio"/>
Serverless computing is an example of a consumption-based plan.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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

Question: 324

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.

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

Answer:

Explanation:

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="checkbox"/>

Question: 325

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.

NOTE: Each correct selection is worth one point.

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

Answer: CD

Explanation:

Question: 326

DRAG DROP

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

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

Answer:

Explanation:

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

Question: 327

DRAG DROP

Match the Azure governance feature to the correct description.

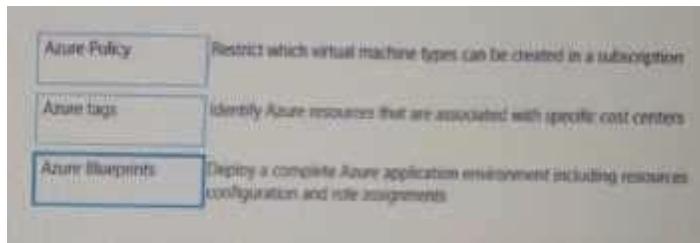
Instructions: To answer, drag the appropriate feature from the column on the left to its description on the right. Each feature may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Features	Answer Area
Azure Blueprints	Restrict which virtual machine types can be created in a subscription
Azure Policy	Identify Azure resources that are associated with specific cost centers
Azure resource locks	Deploy a complete Azure application environment including resources configuration and role assignments
Azure tags	

Answer:

Explanation:



Question: 328

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.

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 type="radio"/>	<input type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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 type="radio"/>	<input checked="" type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 329

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.

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

Answer:

Explanation:

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

Question: 330

Fill in the blanks

You can access Compliance Manager from the (_____)

**Answer: Microsoft
365 admin center**

Explanation:

Question: 331

Fill in the blanks

(_____) provide access to unused Azure compute capacity at deep discounts.

**Answer: Azure Spot
virtual machine
instances**

Explanation:

Question: 332

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

**Answer: networking
layer**

Explanation:

Question: 333

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

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

Answer:

Explanation:

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

Question: 334

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

What should you use?

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

Answer: A

Explanation:

Question: 335

What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure service?

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

Answer: D

Explanation:

Question: 336

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription. What should you use?

- A. Azure Marketplace
- B. Azure Security Center

- C. Microsoft Store
- D. Azure subscriptions

Answer: B

Explanation:

Question: 337

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Azure Cosmos DB is an example of a platform as a service (PaaS) offering.

infrastructure as a service (IaaS)
content as a service
software as a service (SaaS)

Answer:

Explanation:

Answer Area

Azure Cosmos DB is an example of a platform as a service (PaaS) offering.

Question: 338

HOTSPOT

Select the answer that correctly completes the sentence.

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

Answer:

Explanation:

Answer Area

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

Question: 339

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

- A. enables the rapid provisioning of resources
- B. has increased administrative complexity
- C. has the same configuration options as on-premises
- D. shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

Answer: A, D

Explanation:

Question: 340

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
You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.	<input type="radio"/>	<input type="radio"/>
You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.	<input type="radio"/>	<input type="radio"/>
You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area		
Statements	Yes	No
You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.	<input type="radio"/>	<input checked="" type="radio"/>
You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 341

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area	
Premium block blobs storage accounts only support	<input type="checkbox"/> geo-redundant storage (GRS) <input type="checkbox"/> geo-zone-redundant storage (GZRS) <input type="checkbox"/> locally-redundant storage (LRS) <input type="checkbox"/> zone-redundant storage (ZRS)

Answer:

Explanation:

Answer Area	
Premium block blobs storage accounts only support	<input type="checkbox"/> locally-redundant storage (LRS)

Question: 342

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

Answer:

Explanation:

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

Question: 343

HOTSPOT

You plan to extend your company's network to Azure.

The network contains a VPN appliance that uses an IP address of 131.107.700.1.

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.

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 (WAF)

Answer:

Explanation:

- Virtual networks (classic) ★
- Application gateways ★
- Local network gateways ★
- CDN profiles ★
- ExpressRoute circuits ★
- Network security groups ★
- Network interfaces ★
- Reserved IP addresses (classic) ★
- On-premises Data Gateways ★
- Route filters ★

Question: 344

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

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

can be accessed at any time by using **copy** and
can only be read by using **Azure Backup**
must be restored before the data can be accessed
must be hydrated before the data can be accessed

Explanation:**Answer Area**Data that is stored in the Archive access tier of an Azure Storage account must be hydrated before the data can be accessed

Answer:

Question: 345

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 load balancer
- B. a virtual network

- C. an application gateway
- D. a gateway subnet
- E. a virtual network gateway

Answer: B

Explanation:

Question: 346

HOTSPOT

Select the answer that correctly completes the sentence.

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.

Answer:

Explanation:

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

continues to function normally.

Question: 347

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

You can use
billing period:

Advisor recommendations
Access control (IAM)
Budget alerts
Compliance

in Azure to send email alerts when the cost of the current
specified limit.

Answer:

Explanation:

Answer Area

You can use Advisor recommendations in Azure to send email alerts when the cost of the current
billing period for an Azure subscription exceeds a specified limit.

Question: 348

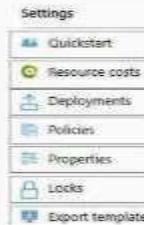
HOTSPOT

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

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

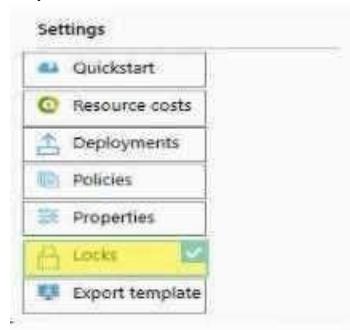
Which setting should you use? To answer, select the appropriate setting in the answer area.

Answer Area



Answer:

Explanation:



Question: 349

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
Trust Center is part of Microsoft Defender for Cloud.	<input type="radio"/>	<input type="radio"/>
Trust Center can only be accessed by users that have an Azure subscription.	<input type="radio"/>	<input type="radio"/>
Trust Center provides information about the Azure compliance offerings.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Trust Center is part of Microsoft Defender for Cloud.	<input type="radio"/>	<input checked="" type="radio"/>
Trust Center can only be accessed by users that have an Azure subscription.	<input type="radio"/>	<input checked="" type="radio"/>
Trust Center provides information about the Azure compliance offerings.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 350

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
You can use Azure Cost Management to view costs associated to management groups.	<input type="radio"/>	<input type="radio"/>
You can use Azure Cost Management to view costs associated to resource groups.	<input 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 type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
You can use Azure Cost Management to view costs associated to management groups.	<input checked="" type="radio"/>	<input 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 checked="" type="checkbox"/>	<input type="radio"/>

Question: 351**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

Requiring a user to enter a password and answer a security question when signing-in to Azure Active Directory (Azure AD) is an example of

business-to-customer (B2C) identity services.
 managed identities.
 multi-factor authentication (MFA).
 role-based access control (RBAC).

Answer:

Explanation:

Answer Area

Requiring a user to enter a password and answer a security question when signing-in to Azure Active Directory (Azure AD) is an example of

multi-factor authentication (MFA)

Question: 352**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

You can use the Azure File Sync agent to sync on-premises data to an Azure

blob container
 Data Lake Storage container
 file share
 QDSUS

Answer:

Explanation:

Answer Area

You can use the Azure File Sync agent to sync on-premises data to an Azure

file share

Question: 353

Which cloud computing model includes on-premises and cloud-based resources?

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

Answer: C

Explanation:

Question: 354

Where does Azure Monitor store performance data?

- A. a Log Analytics workspace
- B. an Azure Storage account
- C. Azure Event Hubs E3
- D. an event subscription

Answer: A

Explanation:

Question: 355

HOTSPOT

You need to create a new Azure file share.

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

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Explanation:

Answer Area

	Resource groups
	Quickstart Center
	App Services
	Function App
	SQL databases
	Azure Cosmos DB
	Virtual machines
	Load balancers
	Storage accounts
	Virtual networks
	Azure Active Directory
	Monitor
	Advisor
	Microsoft Defender for Cloud
	Help + support
	Cost Management + Billing

Question: 356**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

Azure China: is operated by Microsoft.
 has feature parity with Azure global.
 services can be accessed from China only.
 is a distinct separate instance of Microsoft Azure.

Answer:**Explanation:**

Azure China: services can be accessed from China only.

Question: 357**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
You can deploy Azure Resource Manager (ARM) templates by using the Azure portal.	<input type="radio"/>	<input type="radio"/>
Azure Resource Manager (ARM) templates can define infrastructure by using code.	<input type="radio"/>	<input type="radio"/>
Each Azure resource to be deployed requires a separate Azure Resource Manager (ARM) template.	<input type="radio"/>	<input type="radio"/>

Answer:**Explanation:**

Answer Area	
Statements	
You can deploy Azure Resource Manager (ARM) templates by using the Azure portal.	<input checked="" type="radio"/> Yes <input type="radio"/> No
Azure Resource Manager (ARM) templates can define infrastructure by using code.	<input type="radio"/> Yes <input checked="" type="radio"/> No
Each Azure resource to be deployed requires a separate Azure Resource Manager (ARM) template.	<input checked="" type="radio"/> Yes <input type="radio"/> No

Question: 358

What should you use to prevent traffic from an Azure virtual network from being routed to an Azure Storage account via the internet?

- A. a public endpoint
- B. Azure VPN Gateway
- C. a service endpoint
- D. a network security group (NSG)

Answer: D

Explanation:

Question: 359

DRAG DROP

Match the security components to the appropriate defense in depth layers.

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

Components	Answer Area
Multifactor authentication (MFA)	<input type="text"/> Compute
Software updates and patches	<input type="text"/> Identity and access
Surveillance camera	<input type="text"/> Physical security

Explanation:

Answer:

Components	Answer Area
Multifactor authentication (MFA)	Software updates and patches Compute
Software updates and patches	Multifactor authentication (MFA) Identity and access
Surveillance camera	Surveillance camera Physical security

Question: 360

DRAG DROP

Match the cloud computing benefits to the appropriate descriptions

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

Answer Area	
Agility	The ability to dynamically scale the resources available to a cloud app
Disaster recovery	The ability to use cloud-based backup services to restore resources in the event of an outage
Elasticity	The ability to quickly deploy and configure cloud-based resources as app requirements change

Answer:

Explanation:

Answer Area	
Agility	The ability to dynamically scale the resources available to a cloud app
Disaster recovery	The ability to use cloud-based backup services to restore resources in the event of an outage
Elasticity	The ability to quickly deploy and configure cloud-based resources as app requirements change

Question: 361

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.

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

Answer:

Explanation:

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

Question: 362

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.

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	<input type="radio"/>	<input type="radio"/>
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>
Microsoft Intune is an example of software as a service (SaaS).	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	<input checked="" type="radio"/>	<input type="radio"/>
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft Intune is an example of software as a service (SaaS).	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 363

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.

Statements	Yes	No
In an Azure virtual machine scale set, the virtual machines are configured identically.	<input type="radio"/>	<input type="radio"/>
The number of Azure virtual machines in a virtual machine scale set can increase automatically.	<input type="radio"/>	<input type="radio"/>
The number of Azure virtual machines in a virtual machine scale set can decrease automatically.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
In an Azure virtual machine scale set, the virtual machines are configured identically.	<input checked="" type="radio"/>	<input type="radio"/>
The number of Azure virtual machines in a virtual machine scale set can increase automatically.	<input checked="" type="radio"/>	<input type="radio"/>
The number of Azure virtual machines in a virtual machine scale set can decrease automatically.	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 364

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.

Statements	Yes	No
The Archive access tier for Azure Storage can be set at the account level.	<input type="radio"/>	<input type="radio"/>
The Cool access tier offers the lowest costs for storing blobs in Azure Storage.	<input type="radio"/>	<input type="radio"/>
After blobs are uploaded to an Azure Storage container, the access tier of the storage account can be changed.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
The Archive access tier for Azure Storage can be set at the account level.	<input type="radio"/>	<input checked="" type="radio"/>
The Cool access tier offers the lowest costs for storing blobs in Azure Storage.	<input type="radio"/>	<input checked="" type="radio"/>
After blobs are uploaded to an Azure Storage container, the access tier of the storage account can be changed.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 365

HOTSPOT

Select the answer that correctly completes the sentence.

An Azure container instance is an example of an Azure

compute service.
identity service.
networking service.
storage service.

Answer:

Explanation:

An Azure container instance is an example of an Azure

compute service.

Question: 366

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.

Statements	Yes	No
You must install Azure Cloud Shell on your computer before you can use it.	<input type="radio"/>	<input type="radio"/>
The Azure Command-Line Interface (CLI) is installed by default in Windows 11.	<input type="radio"/>	<input type="radio"/>
Azure PowerShell can be used on computers that run Windows, Linux, or macOS.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

NO

NO

YES

Question: 367

HOTSPOT

Select the answer that correctly completes the sentence.

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.

Answer:

Explanation:

The Azure Total Cost of Ownership (TCO) calculator



Question: 368

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.

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

Answer:

Explanation:

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 only up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="checkbox"/>

Question: 369**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.

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	<input type="radio"/>	<input type="radio"/>
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	<input type="radio"/>	<input type="radio"/>
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 370**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.

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input type="radio"/>
Every Azure region has multiple datacenters.	<input type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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: 371**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.

Statements	Yes	No
Cloud computing provides elastic scalability.	<input type="radio"/>	<input type="radio"/>
Customers can minimize capital expenditure (CapEx) by using a public cloud.	<input type="radio"/>	<input type="radio"/>
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
Cloud computing provides elastic scalability.	<input checked="" type="radio"/>	<input type="radio"/>
Customers can minimize capital expenditure (CapEx) by using a public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 372**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.

Statements	Yes	No
The Hot access tier is available for blob data that uses standard storage.	<input type="radio"/>	<input type="radio"/>
The Cool access tier is available for file shares in premium storage.	<input type="radio"/>	<input type="radio"/>
The Cool access tier can be configured at the storage account level.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
The Hot access tier is available for blob data that uses standard storage.	<input checked="" type="radio"/>	<input type="radio"/>
The Cool access tier is available for file shares in premium storage.	<input type="radio"/>	<input checked="" type="radio"/>
The Cool access tier can be configured at the storage account level.	<input checked="" type="checkbox"/>	<input type="radio"/>

Question: 373

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.

Statements	Yes	No
You can add an Azure Resource Manager template to an Azure blueprint.	<input type="radio"/>	<input checked="" type="radio"/>
You can assign an Azure blueprint to a resource group.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Azure Blueprints to grant permissions to a resource.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

NO

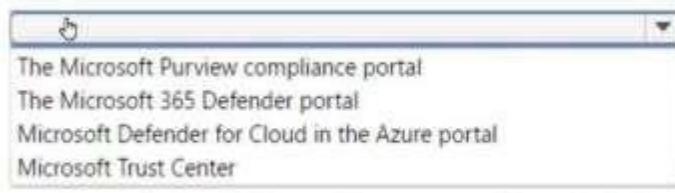
YES

YES

Question: 374

HOTSPOT

Select the answer that correctly completes the sentence.



provides in-depth information about security, privacy,

compliance offerings, policies, and features across Microsoft cloud products.

Answer:

Explanation:

Microsoft Trust Center

The Trust Center provides:

In-depth information about security, privacy, compliance offerings, policies, features, and practices across Microsoft cloud products.

Additional resources for each topic.

Links to the security, privacy, and compliance blogs and upcoming events.

<https://www.azureguru.org/explore-the-microsoft-trust-center/#:~:text=The%20Trust%20Center%20provides%3A,Additional%20resources%20for%20each%20topic.>

Question: 375

Which term represents the ability to increase the computing capacity of a virtual machine by adding memory or CPUs?

- A. horizontal scaling
- B. agility
- C. elasticity
- D. vertical scaling

Answer: D

Explanation:

Question: 376

DRAG DROP

Match the term to the appropriate description.

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.

Terms	Answer Area
authorization	Term The ability to use the same credentials to access multiple resources and applications from different locations.
multi-factor authentication (MFA)	Term The process of identifying the access level of a user or service.
single sign-on (SSO)	Term Requires several elements to identify a user or a service.

Answer:

Explanation:

Answer Area

single sign-on (SSO)	The ability to use the same credentials to access multiple resources and applications from different
authorization	The process of identifying the access level of a user or service.
multi-factor authentication (MFA)	Requires several elements to identify a user or a service.

Question: 377

HOTSPOT

Select the answer that correctly completes the sentence.

Azure Blob Storage is a

- data store for queuing and reliably delivering messages between applications.
- file share that can be mapped as a network drive.
- key/attribute store for non-relational, structured data.
- storage service optimized for very large objects, such as video files and bitmaps.

Answer:

Explanation:

Azure Blob Storage is a

- storage service optimized for very large objects, such as video files and bitmaps.

Question: 378

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.

Statements	Yes	No
An Azure Virtual Desktop session host can run Windows 10 or Windows 11 only.	<input type="radio"/>	<input type="radio"/>
An Azure Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input type="radio"/>
Azure Virtual Desktop supports desktop and app virtualization.	<input type="radio"/>	<input type="radio"/>

Answer:

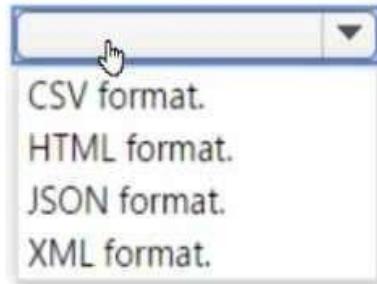
Explanation:

Statements	Yes	No
An Azure Virtual Desktop session host can run Windows 10 or Windows 11 only.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Virtual Desktop supports desktop and app virtualization.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 379**HOTSPOT**

Select the answer that correctly completes the sentence.

Azure Resource Manager (ARM) templates use the



Answer:**Explanation:**

JSON format

Question: 380

What should you use to track the costs of Azure resources?

- A. Tags
- B. usage and quotas
- C. Azure Quickstart templates
- D. budgets

Answer: D**Explanation:**

<https://learn.microsoft.com/en-us/azure/cost-management-billing/costs/quick-create-budget-template>

Question: 381

You plan to collect and analyze event details for five Azure virtual machines. You need to run queries to compare the event details collected from all the virtual machines. Which two tools should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure Service Bus
- B. Azure Monitor
- C. Azure Service Health
- D. Log Analytics
- E. Azure Advisor

Answer: B, D

Explanation:

Question: 382

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
Trust Center is part of Microsoft Defender for Cloud.	<input type="radio"/>	<input type="radio"/>
Trust Center can only be accessed by users that have an Azure subscription.	<input type="radio"/>	<input type="radio"/>
Trust Center provides information about the Azure compliance offerings.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area		
Statements	Yes	No
Trust Center is part of Microsoft Defender for Cloud.	<input type="radio"/>	<input checked="" type="radio"/>
Trust Center can only be accessed by users that have an Azure subscription.	<input type="radio"/>	<input checked="" type="radio"/>
Trust Center provides information about the Azure compliance offerings.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 383

You need to compare a company's cloud usage to industry standard best practices. What should you use?

- A. Azure Monitor
- B. Azure Advisor

- C. Application Insights in Azure Monitor
- D. Azure Service Health

Answer: A

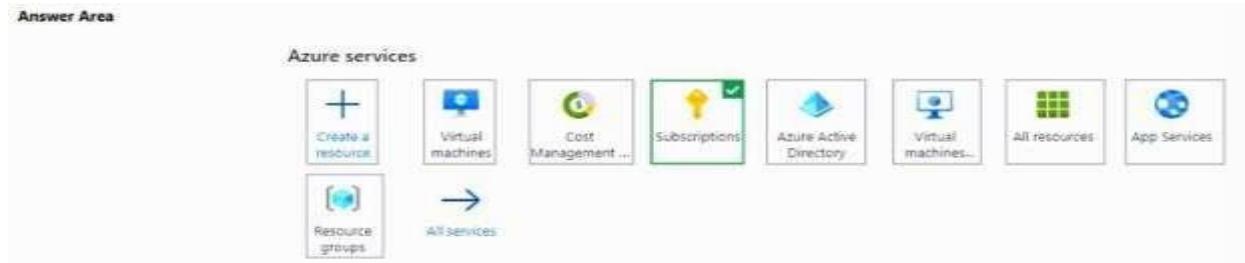
Explanation:

Question: 384

HOTSPOT

You need to create a new user for an Azure subscription.

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



Answer:

Explanation:

Subscription

At the Azure portal, select Subscriptions. Select the subscription you want to assign and then select Access Control. Select Add to add a user to the subscription

<https://learn.microsoft.com/en-us/partner-center/assign-azure-subscriptions#:~:text=At%20the%20Azure%20portal%2C%20select,the%20user%20will%20have%20access.>

Question: 385

Your company has an Azure subscription that contains several resources.

You need to identify which department is responsible for the cost of each resource.

What should you use?

- A. tags
- B. alerts
- C. budgets

Answer: C

Explanation:

Question: 386

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Geo-distribution	▼	enables Azure resources to be deployed close to users.
Elasticity		
Geo-distribution		
High availability		
Scalability		

Answer:

Explanation:

Answer Area

Geo-distribution	▼	enables Azure resources to be deployed close to users.
------------------	---	--

Question: 387

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
Pay-As-You-Go (PAYG) is a consumption-based model.	<input type="radio"/>	<input type="radio"/>
Payments to cloud service providers are considered capital expenditures (CapEx).	<input type="radio"/>	<input type="radio"/>
The services provided through a consumption-based model are considered operational expenditures (OpEx).	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Pay-As-You-Go (PAYG) is a consumption-based model.	<input checked="" type="radio"/>	<input type="radio"/>
Payments to cloud service providers are considered capital expenditures (CapEx).	<input type="radio"/>	<input checked="" type="radio"/>
The services provided through a consumption-based model are considered operational expenditures (OpEx).	<input checked="" type="radio"/>	<input type="radio"/>

Question: 388

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

Answer:

Explanation:

Answer Area

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input type="radio"/>	<input checked="" 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: 389

Which service can replace a resource lock automatically if the lock is removed?

- A. Azure Blueprints
- B. Azure Information Protection (AIP)
- C. Azure Backup
- D. Azure Advisor

Answer: B

Explanation:

Question: 390

What is used to grant permission to Azure Virtual Desktop resources?

- A. role-based access control (RBAC) roles
- B. application security groups
- C. tags
- D. resource groups

Answer: A

Explanation:

Question: 391

You have an Azure subscription.

You need to review your secure score.

What should you use?

- A. Azure Monitor
- B. Azure Advisor
- C. Help - support
- D. Microsoft Defender for Cloud

Answer: D

Explanation:

Question: 392

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

You can access Compliance Manager from the

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

Answer:

Explanation:

Answer Area

You can access Compliance Manager from the

- Azure portal

Question: 393

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Azure Site Recovery provides

- fault tolerance**
- disaster recovery
- elasticity
- high availability

is an example of

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

Answer:

Explanation:

Answer Area

Azure Site Recovery provides fault tolerance for virtual machines.
is an example of platform as a service (PaaS).

Question: 394**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
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 type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input checked="" type="radio"/>	<input 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: 395**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
Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.	<input type="radio"/>
Cloud computing provides the same configuration options as on-premises deployments.	<input type="radio"/>
Cloud computing can scale when a business requires change.	<input type="radio"/>

Answer:

Explanation:

Answer Area	
Statements	Yes
Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.	<input type="radio"/>
Cloud computing provides the same configuration options as on-premises deployments.	<input type="radio"/>
Cloud computing can scale when a business requires change.	<input type="radio"/>

Question: 396**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
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 type="radio"/>	<input checked="" type="radio"/>
Serverless computing is an example of a consumption-based plan.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.	<input type="radio"/>	<input checked="" type="radio"/>
Serverless computing is an example of a consumption-based plan.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 397**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
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area		
Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 398**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
The cost of outbound traffic from Azure is the same for all Azure regions.	<input type="radio"/>	<input checked="" type="radio"/>
Purchasing Azure services through an Enterprise Agreement (EA) requires you to spend a predetermined amount.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft defines the pricing structure of all third-party services sold through Azure Marketplace.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area		
Statements	Yes	No
The cost of outbound traffic from Azure is the same for all Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>
Purchasing Azure services through an Enterprise Agreement (EA) requires you to spend a predetermined amount.	<input type="radio"/>	<input checked="" type="radio"/>
Microsoft defines the pricing structure of all third-party services sold through Azure Marketplace.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 399

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

To save on the costs of an unused Azure virtual machine that runs Windows 10, you should

shut down the virtual machine from a Remote Desktop session.
disconnect the virtual machine during a Remote Desktop session.
put the virtual machine in sleep mode from a Remote Desktop session.
select Stop for the virtual machine from the Azure portal.
shut down the virtual machine from a Remote Desktop session.

Answer:

Explanation:

Answer Area

To save on the costs of an unused Azure virtual machine that runs Windows 10, you should

shut down the virtual machine from a Remote Desktop session.
disconnect the virtual machine during a Remote Desktop session.
put the virtual machine in sleep mode from a Remote Desktop session.
select Stop for the virtual machine from the Azure portal.
shut down the virtual machine from a Remote Desktop session.

Question: 400**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**

Azure PowerShell modules can be installed on macOS.



Azure Cloud Shell can be accessed from a web browser on a Linux computer.



The Azure portal can only be accessed from a Windows device.



Answer:

Explanation:

Answer Area**Statements****Yes** **No**

Azure PowerShell modules can be installed on macOS.



Azure Cloud Shell can be accessed from a web browser on a Linux computer.



The Azure portal can only be accessed from a Windows device.



Question: 401

What is an example of vertical scaling in a cloud environment?

- A. additional CPU to an existing Azure virtual machine
- B. adding an additional Azure App Service instance automatically
- C. adding an additional Azure virtual machine

D. adding an additional Azure Virtual Desktop session host

Answer: A

Explanation:

Question: 402

What enables a cloud service to adapt quickly to changing requirements?

- A. high availability
- B. agility
- C. manageability
- D. predictability

Answer: B

Explanation:

Question: 403

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Authentication	▼	is the process of verifying a user's credentials.
Authorization		
Authentication		
Federation		
Ticketing		

Answer:

Explanation:

Answer Area

Authentication ▼ is the process of verifying a user's credentials.

Question: 404

What additional resource is required by an Azure virtual machine?

- A. Azure Firewall
- B. a virtual network
- C. a public IP address
- D. a service endpoint

Answer: B

Explanation:

Question: 405

HOTSPOT

Select the answer that correctly completes the sentence.

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.
- 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.

Answer:

Explanation:

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.

Question: 406**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**

Azure resources can only access other resources in the same resource group.

If you delete a resource group, all the resources in the resource group will be deleted.

A resource group can contain resources from multiple Azure regions.

Answer:

Explanation:

Answer Area**Statements****Yes No**

Azure resources can only access other resources in the same resource group.

If you delete a resource group, all the resources in the resource group will be deleted.

A resource group can contain resources from multiple Azure regions.

Question: 407

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
		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"/>

Answer:

Explanation:

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.	<input type="radio"/>	<input checked="" type="radio"/>
		A company can use resources from multiple subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 408

How many copies of data are maintained by an Azure Storage account that uses locally-redundant storage (LRS)?

- A. 3
- B. 4
- C. 6
- D. 9

Answer: A

Explanation:

Question: 409**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
You can create Group Policies in Azure AD.	<input type="radio"/>	<input checked="" type="radio"/>
You can join Windows 10 devices to Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
You can join Android devices to Azure AD.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area		
Statements	Yes	No
You can create Group Policies in Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
You can join Windows 10 devices to Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
You can join Android devices to Azure AD.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 410

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
Microsoft Defender for Cloud can monitor Azure resources and on-premises resources.	<input checked="" type="radio"/>	<input type="radio"/>
All Microsoft Defender for Cloud features are free.	<input checked="" type="radio"/>	<input type="radio"/>
From Microsoft Defender for Cloud, you can download a Regulatory Compliance report.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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

Question: 411

DRAG DROP

Match the Azure storage services to the appropriate descriptions.

To answer, drag the appropriate storage 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.

Storage service	Answer Area
Azure Blob storage	<input type="text"/> Used for reliable messaging between applications
Azure Disk Storage	<input type="text"/> Can be accessed as a network share from a Windows device
Azure Files	<input type="text"/> Can be configured to use the Archive access tier
Azure Queue Storage	

Answer:

Explanation:

Storage service	Answer Area
Azure Blob storage	<input type="text"/> Used for reliable messaging between applications
Azure Disk Storage	<input type="text"/> Can be accessed as a network share from a Windows device
Azure Files	<input type="text"/> Can be configured to use the Archive access tier
Azure Queue Storage	

Question: 412

HOTSPOT

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

NOTE: Each correct select is worth one point.

Statements	Yes	No
You can assign an Azure policy to a virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure policy is assigned to a resource group, noncompliant resources are removed from the group.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure policy is assigned to a resource group, only compliant resources can be deployed to the group.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You can assign an Azure policy to a virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure policy is assigned to a resource group, noncompliant resources are removed from the group.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure policy is assigned to a resource group, only compliant resources can be deployed to the group.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 413

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 AD-integrated applications.

What should you implement?

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

Answer: B

Explanation:

Question: 414

You have on-premises servers that run Windows Server.

What should you implement to manage the servers by using the Azure portal?

- A. Azure Kubernetes Service (AKS)
- B. Azure Arc
- C. Docker
- D. role-based access control (RBAC)

Answer: B

Explanation:

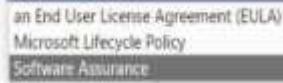
Question: 415

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

If Windows Server or Microsoft SQL Server licenses are covered by , you can repurpose the licenses on Azure virtual machines.



Answer:

Explanation:

Answer Area

If Windows Server or Microsoft SQL Server licenses are covered by , you can repurpose the licenses on Azure virtual machines.

Question: 416

You plan to deploy a service to Azure virtual machines.

You need to ensure that the service will be available if a datacenter fails.

What should you use as part of the virtual machine deployment?

- A. availability sets
- B. proximity placement groups
- C. host groups
- D. availability zones

Answer: D

Explanation:

Question: 417

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

An organization that hosts its own infrastructure no longer requires a data center.

Answer:

Explanation:

Answer Area

An organization that hosts its own infrastructure no longer requires a data center.

Question: 418

DRAG DROP

Match the cloud computing benefits to the appropriate requirements.

To answer, drag the appropriate benefit from the column on the left to its requirement on the right.

Each benefit may be used once more than once, or not at all.

NOTE: Each correct match is worth one point.

Benefits	Answer Area
Disaster recovery	<input type="text"/> Provide a continuous user experience in the event of a resource failure.
Geo-distribution	<input type="text"/> Deploy apps and data to regional data centers that are located close to users.
High availability	<input type="text"/>
Scalability	<input type="text"/> Compute capacity can be increased dynamically by adding RAM or CPU to a virtual machine.

Answer:

Explanation:

Benefits	Answer Area
Disaster recovery	High availability Provide a continuous user experience in the event of a resource failure.
Geo-distribution	Geo-distribution Deploy apps and data to regional data centers that are located close to users.
High availability	
Scalability	Scalability Compute capacity can be increased dynamically by adding RAM or CPU to a virtual machine.

Question: 419**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

High availability ▾ ensures access to cloud resources in the event of a service failure.

High availability
Predictability
Reliability
Scalability

Answer:

Explanation:

Answer Area

High availability ▾ ensures access to cloud resources in the event of a service failure.

Question: 420

At which OSI layer does ExpressRoute operate?

- A. Layer 5
- B. Layer 7
- C. Layer 3
- D. Layer 2

Answer: D

Explanation:

Question: 421

What is a feature of an Azure virtual network?

- A. resource cost analysis
- B. packet inspection
- C. isolation and segmentation

D. geo-redundancy

Answer: C

Explanation:

Question: 422

DRAG DROP

Match the cloud computing benefits to the appropriate descriptions.

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.

Benefits	Answer Area
Disaster recovery	increase the compute capacity of apps in the cloud.
Geo-distribution	Provide a continuous user experience with no apparent downtime.
High availability	Ensure that users always have the best experience by deploying apps to all the regions where there are users.
Scalability	

Answer:

Explanation:

Benefits	Answer Area
Disaster recovery	Increase the compute capacity of apps in the cloud.
Geo-distribution	Provide a continuous user experience with no apparent downtime.
High availability	Ensure that users always have the best experience by deploying apps to all the regions where there are users.
Scalability	

Question: 423

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area
If a resource group named RG1 has a delete lock, the delete lock must be removed before an administrator can delete RG1.

the delete lock must be removed before an administrator
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

Answer:

Explanation:

Answer Area
If a resource group named RG1 has a delete lock, the delete lock must be removed before an administrator can delete RG1.

Question: 424

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

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

Azure policies provide

Resource groups provide

Azure Resource Manager templates provide

Management groups provide

Answer:**Explanation:****Answer Area**

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

Question: 425**HOTSPOT**

Select the answer that correctly completes the sentence.

Answer Area

An Azure Policy initiative definition is a

collection of policy definitions.

collection of policy definitions.

collection of Azure Policy definition assignments.

group of Azure Blueprints definitions.

group of role-based access control (RBAC) role assignments.

Answer:**Explanation:****Answer Area**

An Azure Policy initiative definition is a **collection of policy definitions.**

Question: 426**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
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input type="radio"/>	<input type="radio"/>

Answer:**Explanation:**

Answer Area

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 427**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
Azure Monitor can monitor the performance of on-premises computers.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Monitor can send alerts to Azure AD security groups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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 AD 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: 428**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
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 429

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
You must have physical servers to use cloud computing.	<input type="radio"/>	<input type="radio"/>
You must have internet connectivity to use cloud computing.	<input type="radio"/>	<input type="radio"/>
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
You must have physical servers to use cloud computing.	<input type="radio"/>	<input checked="" type="radio"/>
You must have internet connectivity to use cloud computing.	<input checked="" type="radio"/>	<input type="radio"/>
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 430

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select Mo. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Arc can manage physical servers that run Linux.	<input type="radio"/>	<input type="radio"/>
Azure Arc can manage Azure Kubernetes Service (AKS) clusters at scale.	<input type="radio"/>	<input type="radio"/>
Azure Arc can manage a third-party database solution hosted outside of Azure.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Azure Arc can manage physical servers that run Linux.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Arc can manage Azure Kubernetes Service (AKS) clusters at scale.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Arc can manage a third-party database solution hosted outside of Azure.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 431**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
Data that is stored in an Azure Storage account automatically has 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 only up to 2 TB of data and up to one million files.	<input checked="" type="radio"/>	<input type="radio"/>

Answer:

Explanation:

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 only up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="radio"/>

Question: 432**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
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input checked="" type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input type="radio"/>	<input checked="" type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input type="radio"/>	<input checked="" type="radio"/>

Answer:

Explanation:

Answer Area

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input checked="" type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input type="radio"/>	<input checked="" type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input checked="" type="radio"/>	<input type="radio"/>

Question: 433

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Answer:

Explanation:

Answer Area

Question: 434

In the infrastructure as a service (IaaS) cloud service model, which two components are the responsibility of the cloud service provider? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. the configuration and maintenance of storage
- B. the installation and configuration of the operating system
- C. maintaining the hardware
- D. the network configuration
- E. physical security of the datacenter infrastructure

Answer: A, C

Explanation:

Question: 435

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

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

Resource groups
Management groups
Azure policies
Azure App Service plans

Answer:

Explanation:

Answer Area

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

Question: 436

You have a web app that runs in Azure.

You need to identify the amount of time it takes for web pages to load in a user's browser.

What should you use?

- A. Azure Monitor alerts
- B. Application Insights in Azure Monitor
- C. Azure Network Watcher
- D. Log Analytics

Answer: B

Explanation:

Question: 437

HOTSPOT

Select the answer that correctly completes the sentence.

Answer Area

Authentication is the process of establishing the identity of a user or service that wants to access a resource.

Authentication
Authentication
Authorization
Conditional Access
Synchronization

Answer:

Explanation:

Answer Area

Authentication is the process of establishing the identity of a user or service that wants to access a resource.

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