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Exam Name: Microsoft Azure Fundamentals



Exam A

QUESTION 1

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

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

Your company plans to migrate all its data and resources to Azure.

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

You need to deploy an Azure environment that meets the company migration plan.

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

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section:

QUESTION 2

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

You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application. What should you include in the recommendation?

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

Correct Answer: B

Section:

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.

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

QUESTION 3

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

You need to recommend a solution that provides additional resources to your users. The solution must minimize capital and operational expenditure costs. What should you include in the recommendation?

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

Correct Answer: D

Section:

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.

Incorrect Answers:

A: A complete migration of 100 servers to the public cloud would involve a lot of operational expenditure (the cost of migrating all the servers). B: An additional data center would involve a lot of capital expenditure (the cost of the new infrastructure). C: A private cloud is hosted on on-premises servers to this would involve a lot of capital expenditure (the cost of the new infrastructure to host the private cloud). References:

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

QUESTION 4

HOTSPOT

You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

https:// com

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

Answer Area:

Answer Area

https:// com

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

Section:

Explanation:

QUESTION 5

HOTSPOT

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

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

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

Hot Area:



Answer Area

NETWORKING (20)	
Virtual networks	Virtual networks (classic)
Load balancers	Application gateways
Virtual network gateways	Local network gateways
DNS zones	CDN profiles
Traffic Manager profiles	ExpressRoute circuits
Network Watcher	Network security groups

Answer Area:

Answer Area

NETWORKING (20)	
Virtual networks	Virtual networks (classic)
Load balancers	Application gateways
Virtual network gateways	Local network gateways
DNS zones	CDN profiles
Traffic Manager profiles	ExpressRoute circuits
Network Watcher	Network security groups

Section:

Explanation:

A Local Network Gateway is an object in Azure that represents your on-premise VPN device. A Virtual Network Gateway is the VPN object at the Azure end of the VPN. A 'connection' is what connects the Local Network Gateway and the Virtual Network Gateway to bring up the VPN.

The local network gateway typically refers to your on-premises location. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you will create a connection. You also specify the IP address prefixes that will be routed through the VPN gateway to the VPN device. The address prefixes you specify are the prefixes located on your on-premises network. If your on-premises network changes or you need to change the public IP address for the VPN device, you can easily update the values later.

References:

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal>

QUESTION 6

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

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system. Solution: You use PowerShell in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section:

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

QUESTION 7

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

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system. Solution: You use the PowerApps portal.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section:

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.

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

QUESTION 8

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

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system. Solution: You use the Azure portal.

Does this meet the goal?

- A. Yes
- B. No



Correct Answer: A

Section:

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

QUESTION 9

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

CEplus.com

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 Area:

Answer Area

CEplus.com

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

Section:

Explanation:

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.

References:

<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 10


HOTSPOT

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






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

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








Hot Area:

 **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






 **vdumps**

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

 **vdumps**

Section:

Explanation:

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 11

HOTSPOT





You plan to create an Azure virtual machine.

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

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





Hot Area:

Answer Area

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

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 rd SMB 3.0 protocol Learn more
 Tables Tabular data storage Learn more	 Queues Effectively scale apps according to traffic Explore data using OAuth preview Learn more

Section:

Explanation:

References:

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

QUESTION 12

HOTSPOT

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

Monitor threats by using sensors

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

Which Azure service should you identify for each requirement? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor threats by using sensors:

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

Enforce Azure MFA based on a condition:

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

Answer Area:

Answer Area

Monitor threats by using sensors:

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

Enforce Azure MFA based on a condition:

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

Section:

Explanation:

QUESTION 13

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

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

Your company plans to migrate all its data and resources to Azure.

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

You need to deploy an Azure environment that meets the company migration plan.

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

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section:

QUESTION 14

Your company hosts an accounting application named App1 that is used by all the customers of the company. App1 has low usage during the first three weeks of each month and very high usage during the last week of each month. Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

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

Correct Answer: C

Section:

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

QUESTION 15

HOTSPOT

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

NOTE: Each correct selection is worth one point.



Hot Area:

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 Area:

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

Section:

Explanation:

QUESTION 16

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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 Area:

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

Section:

Explanation:

QUESTION 17

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<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 Area:

Answer Area

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

Section:

Explanation:

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.

Hot Area:

Vdumps

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

Answer Area:

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

Section:

Explanation:

QUESTION 19

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

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

- A. The public cloud is owned by the public, NOT a private corporation
- B. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
- C. All public cloud resources can be freely accessed by every member of the public

D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

Correct Answer: D

Section:

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.

Incorrect Answers:

A: The public cloud is not owned by the public. In the case of Microsoft Azure, the cloud is owned by Microsoft. B: The public cloud is a not crowd-sourcing solution. In the case of Microsoft Azure, the cloud is owned by Microsoft. C: It is not true that public cloud resources can be freely accessed by every member of the public. You pay for a cloud subscription and create accounts for your users to access your cloud resources. No one can access your cloud resources until you create user accounts and provide the appropriate access permissions.

QUESTION 20

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

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

You plan to deploy several Azure virtual machines.

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

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

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Section:

Explanation:

This answer does not specify that the scale set will be configured across multiple data centers so this solution does not meet the goal. 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.

Reference:

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

QUESTION 21

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

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails. Solution: You deploy the virtual machines to two or more regions.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

Section:

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.

Reference:

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

QUESTION 22

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

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

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

Which expenditure model should you identify?

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

Correct Answer: A

Section:

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

QUESTION 23

DRAG DROP

Match the Azure Services service to the correct description.

Instructions: To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all. NOTE: Each correct selection is worth one point.

Select and Place:

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

Correct Answer:

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

Section:

Explanation:

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 24

DRAG DROP

Match the Azure Services service to the correct descriptions.

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

NOTE: Each correct match is worth one point.

Select and Place:

Services

Azure Active Directory
(Azure AD)

Azure Key Vault

Azure Lighthouse

Azure Security
Center

Azure Sentinel

Answer Area

Analyze security log files from
Azure virtual machines

Display the secure score for
an Azure subscription

Store passwords for use by Azure
Function applications.

Correct Answer:

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

Section:

Explanation:

Box 1: Azure Sentinel

Box 2: Azure Security Center

Box 3: Azure Key Vault

Incorrect Answer:

- Azure Active Directory (Azure AD)

Azure Active Directory (Azure AD)

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

- Azure Lighthouse

Azure Lighthouse

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

Reference:

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

<https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls>

<https://practical365.com/securing-sensitive-information-in-azure-functions-with-the-azure-key-vault/>

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-what-is>

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



QUESTION 25

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

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the virtual machines are available if a single data center fails. Solution: You deploy the virtual machines to two or more availability zones.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A

Section:

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.

Reference:

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

QUESTION 26

DRAG DROP

Match the Azure service to the appropriate description.

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

NOTE: Each correct match is worth one point.

Select and Place:

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

Correct Answer:

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

Section:

Explanation:

QUESTION 27

DRAG DROP

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

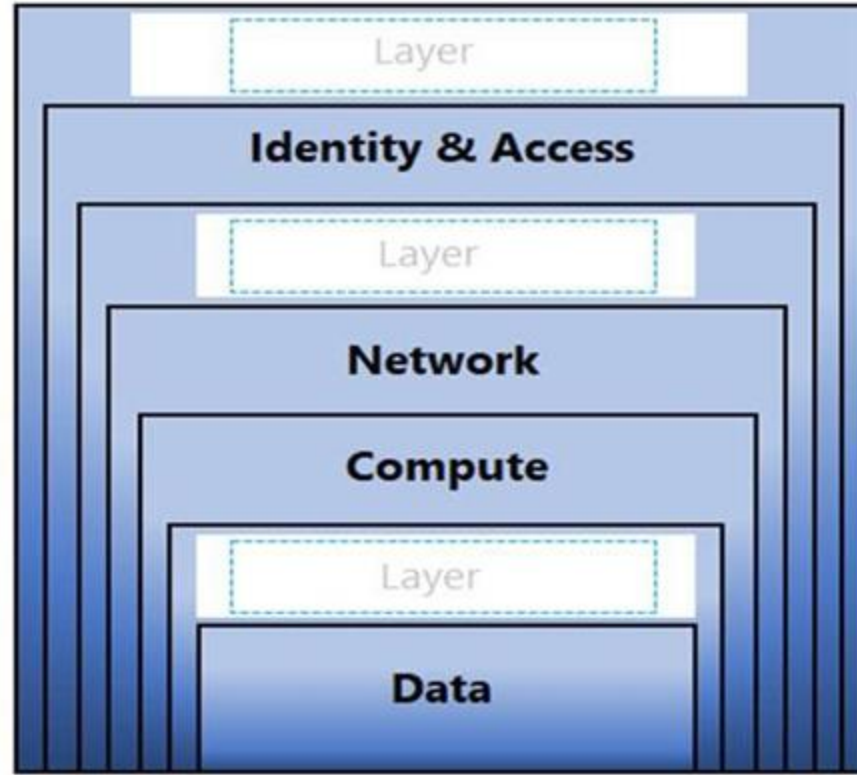
What should you do? To answer, drag the appropriate layers to the correct positions in the model. Each layer may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Select and Place:

Layers

- Perimeter
- Application
- Physical Security

Answer Area

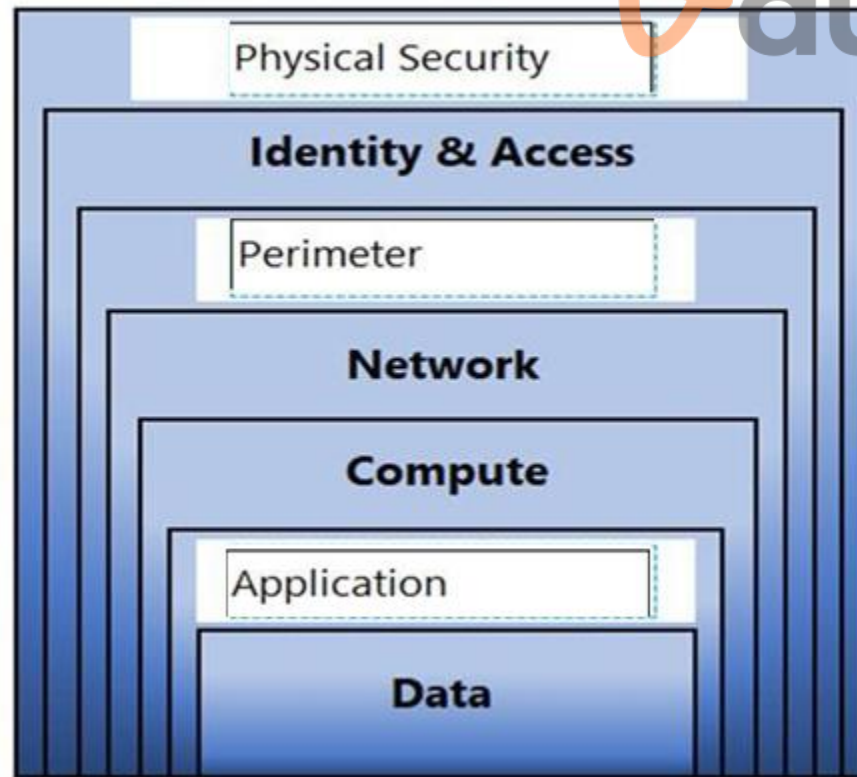


Correct Answer:

Layers

-
-
-

Answer Area



Section:

Explanation:

Defence in depth layers (from bottom to top):

- Data

- In almost all cases attackers are after data.
- Data can be in database, stored on disk inside VMs, on a SaaS application such as Office 365 or in cloud storage. - Those storing and controlling access to data to ensures that it's properly secured
- Often regulatory requirements dictates controls & processes
- to ensure confidentiality, integrity, and availability.

Application

- Ensure applications are secure and free of vulnerabilities.
- Store sensitive application secrets in a secure storage medium.
- Make security a design requirement for all application development.
- Integrate security into the application development life cycle.

- Compute

Compute

- Secure access to virtual machines.
- Implement endpoint protection and keep systems patched and current.
- Malware, unpatched systems, and improperly secured systems open your environment to attacks.

Networking

- Limit communication between resources.
- Deny by default.
- Allow only what is required
- Restrict inbound internet access and limit outbound, where appropriate.
- Implement secure connectivity to on-premises networks.

Perimeter

- Use distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for end users. - Use perimeter firewalls to identify and alert on malicious attacks against your network.

Identity and access

- Control access to infrastructure and change control.
- Access granted is only what is needed
- Use single sign-on and multi-factor authentication.
- Audit events and changes.

Physical security

- Building security & controlling access to computing hardware.
- First line of defense.

Reference:

<https://github.com/undergroundwires/Azure-in-bullet-points/blob/master/AZ-900%20Microsoft%20Azure%20Fundamentals/4.2.%20Defence%20in%20Depth.md>



QUESTION 28

DRAG DROP

Match the serverless solution to the correct characteristic.

To answer, drag the appropriate serverless solution from the column on the left to its characteristic on the right. Each serverless solution may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Serverless Solutions

Answer Area

Azure Functions

Executes code:

Azure Logic Apps

Is always stateful:

Runs only in the cloud:

Correct Answer:

Serverless Solutions

Answer Area

Azure Functions	Executes code:	Azure Functions
Azure Logic Apps	Is always stateful:	Azure Functions
	Runs only in the cloud:	Azure Logic Apps

Section:

Explanation:

Box 1: Azure Functions

Azure Functions allows you to implement your system's logic into readily available blocks of code called "functions". Different functions can run anytime you need to respond to critical events.

Box 2: Azure Functions

Azure Logic Apps can have multiple stateful and stateless workflows.

Box 3: Azure Logic Apps

Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems.

Reference:

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

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



QUESTION 29

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.

Select and Place:

Resources	Answer Area
Data Protection Addendum	Resource Describes which personal data is collected, how the data is used, and what the data is used for.
Microsoft Privacy Statement	Resource A legal agreement that details the obligations between Microsoft and a customer regarding the processing and security of customer data and personal data.
Online Services Terms	Resource Defines the data processing and security terms for online services, including the disclosure of processed data and the transfer, retention, and deletion of data.

Correct Answer:

Resources	Answer Area
<input type="text"/>	Microsoft Privacy Statement Describes which personal data is collected, how the data is used, and what the data is used for.
<input type="text"/>	Data Protection Addendum A legal agreement that details the obligations between Microsoft and a customer regarding the processing and security of customer data and personal data.
<input type="text"/>	Online Services Terms Defines the data processing and security terms for online services, including the disclosure of processed data and the transfer, retention, and deletion of data.

Section:

Explanation:

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

QUESTION 30

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.

Select and Place:

Benefits

Disaster recovery

Geo-distribution

High availability

Scalability

Answer Area

Increase the compute capacity of apps in the cloud.

Provide a continuous user experience with no apparent downtime.

Ensure that users always have the best experience by deploying apps to all the regions where there are users.

Correct Answer:

Benefits

Disaster recovery

Answer Area

Scalability Increase the compute capacity of apps in the cloud.

High availability Provide a continuous user experience with no apparent downtime.

Geo-distribution Ensure that users always have the best experience by deploying apps to all the regions where there are users.

Section:

Explanation:

QUESTION 31

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 eliminated reduced after the planned migration. Which two responsibilities should you identify? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

Correct Answer: A, C

Section:

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.

Incorrect Answers:

B: Microsoft have no control over the applications you run on the virtual machines. Therefore, it is your responsibility to ensure that application data is backed up. D: Microsoft do not manage the operating systems you run on the virtual machines. Therefore, it is your responsibility to ensure that the operating systems are updated. E: Microsoft have no control over the shared folders you host on the virtual machines. Therefore, it is your responsibility to ensure that folder permissions are configured appropriately.

QUESTION 32

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

Which resource is an example of IaaS?

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

Correct Answer: B

Section:

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

QUESTION 33

A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates. You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines. What should you recommend?

- A. Azure Reserved Virtual Machine (VM) Instances

- B. Azure DevTest Labs
- C. Azure virtual machine scale sets
- D. Microsoft Managed Desktop

Correct Answer: B

Section:

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.

Reference:

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

QUESTION 34

What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure services.

What should you identify?

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

Correct Answer: D

Section:

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.

Reference:

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

QUESTION 35

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription.

What should you use?

- A. Azure subscriptions
- B. Azure Security Center
- C. Azure Marketplace
- D. Microsoft Store

Correct Answer: C

Section:

Explanation:

Reference:

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



QUESTION 36

You have an Azure Sentinel workspace.

You need to automate responses to threats detected by Azure Sentinel.

What should you use?

- A. adaptive network hardening in Azure Security Center
- B. Azure Service Health
- C. Azure Monitor workbooks
- D. adaptive application controls in Azure Security Center

Correct Answer: C

Section:

QUESTION 37

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

Correct Answer: A

Section:

Explanation:

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

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

QUESTION 38

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)

Correct Answer: B

Section:

QUESTION 39

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

Correct Answer: A

Section:

QUESTION 40

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

Correct Answer: D, E

Section:

QUESTION 41

Fill in the blank

_____ is a highly secure IoT solution that includes a microcontroller unit (MCU) and a customized Linux operating system.

- A. Azure IoT Central

Correct Answer: A

Section:

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.

You plan to deploy several Azure virtual machines.

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

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

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section:

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.

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

QUESTION 43

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

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. You plan to deploy several Azure virtual machines.

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

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section:

Explanation:

This answer does not specify that the scale set will be configured across multiple data centers so this solution does not meet the goal. 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.

Reference:

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

QUESTION 44

Your company has several business units.

Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources. You need to recommend a solution to automate the creation of the Azure resources.

What should you include in the recommendations?

- A. Azure Resource Manager templates
- B. virtual machine scale sets
- C. the Azure API Management service
- D. management groups

Correct Answer: A

Section:

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.

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

QUESTION 45

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

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

Correct Answer: C

Section:

QUESTION 46

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 connected by using a high-latency network

Correct Answer: A

Section:

Explanation:

A region is a set of data centres deployed within a latency-defined perimeter and connected through a dedicated regional low-latency network. Microsoft Azure currently has 55 regions worldwide. Regions are divided into Availability Zones. Availability Zones are physically separate locations within an Azure region. Each Availability Zone is made up of one or more datacenters equipped with independent power, cooling, and networking.

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

QUESTION 47

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

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

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

- A. No change is needed
- B. by using the same Azure Resource Manager template
- C. to the same resource group
- D. to the same availability zone

Correct Answer: C

Section:

Explanation:

A resource group is a logical container for Azure resources. Resource groups make the management of Azure resources easier. With a resource group, you can allow a user to manage all resources in the resource group, such as virtual machines, websites, and subnets. The permissions you apply to the resource group apply to all resources contained in the resource group.

References: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/overview#resource-groups> <https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

QUESTION 48

A team of developers at your company plans to deploy, and then remove, 50 customized virtual machines each week. Thirty of the virtual machines run Windows Server 2016 and 20 of the virtual machines run Ubuntu Linux. You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines. What should you recommend?

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

Correct Answer: C

Section:

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.

Reference:



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

QUESTION 49

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

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

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

- A. No change is needed
- B. automatic scaling
- C. data compression
- D. versioning

Correct Answer: A

Section:

Explanation:

Azure Data Warehouse (now known as Azure Synapse Analytics) is a PaaS offering from Microsoft. As with all PaaS services from Microsoft, SQL Data Warehouse offers an availability SLA of 99.9%. Microsoft can offer 99.9% availability because it has high availability features built into the platform.

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

QUESTION 50

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

Correct Answer:

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

Section:

Explanation:

Box 1: Azure SQL Database

SQL Server is a relational database service. Azure SQL Database is a managed SQL Server Database in Azure. The SQL Server is managed by Microsoft; you just have access to the database. Box 2: Azure SQL Data Warehouse
 Azure SQL Data Warehouse (SQL DW) is a cloud-based Platform-as-a-Service (PaaS) offering from Microsoft. It is a large-scale, distributed, MPP (massively parallel processing) relational database technology in the same class of competitors as Amazon Redshift or Snowflake. Azure SQL DW is an important component of the Modern Data Warehouse multi-platform architecture. Because Azure SQL DW is an MPP system with a shared-nothing architecture across distributions, it is meant for large-scale analytical workloads which can take advantage of parallelism. Box 3: Azure Data Lake Analytics

You can process big data jobs in seconds with Azure Data Lake Analytics. You can process petabytes of data for diverse workload categories such as querying, ETL, analytics, machine learning, machine translation, image processing and sentiment analysis by leveraging existing libraries written in .NET languages, R or Python.

Box 4: Azure HDInsight.

Apache Hadoop was the original open-source framework for distributed processing and analysis of big data sets on clusters. The Hadoop ecosystem includes related software and utilities, including Apache Hive, Apache HBase, Spark, Kafka, and many others.

Azure HDInsight is a fully managed, full-spectrum, open-source analytics service in the cloud for enterprises. The Apache Hadoop cluster type in Azure HDInsight allows you to use HDFS, YARN resource management, and a simple MapReduce programming model to process and analyze batch data in parallel.

References:

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

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

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

<https://www.blue-granite.com/blog/is-azure-sql-data-warehouse-a-good-fit-updated>

<https://azure.microsoft.com/en-gb/services/data-lake-analytics/>



QUESTION 51

DRAG DROP

Match the Azure service to the correct description.

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

NOTE: Each correct selection is worth one point.

Select and Place:

Services	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

Correct Answer:

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

Section:

Explanation:

Box 1:

Azure virtual machines provide operation system virtualization.

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

Box 2:

Azure Container Instances provide portable environments for virtualized applications.

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

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

Box 3:

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

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

Box 4:

Azure Functions provide a platform for serverless code.

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

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

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

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

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

QUESTION 52

DRAG DROP

Match the cloud model to the correct advantage.

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

NOTE: Each correct match is worth one point

Select and Place:

Cloud model	Work Area
Hybrid Cloud	<input type="text"/> No required capital expenditure.
Private Cloud	<input type="text"/> Provides complete control over security.
Public Cloud	<input type="text"/> Provides a choice to use on-premises or cloud-based resources.

Correct Answer:

Cloud model	Work Area
	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.

Section:

Explanation:

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 53

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

You install the CLI on a computer.

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

Which two tools should you instruct the support engineer to use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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



Correct Answer: A, C

Section:

Explanation:

For Windows the Azure CLI is installed via an MSI, which gives you access to the CLI through the Windows Command Prompt (CMD) or PowerShell. References: <https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest>

QUESTION 54

You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI. You need to recommend a storage solution for the data.

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

NOTE: Each correct selection is worth one point.

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

Correct Answer: A, C

Section:

Explanation:

You can use Power BI to analyze and visualize data stored in Azure Data Lake and Azure SQL Data Warehouse. Azure Data Lake includes all of the capabilities required to make it easy for developers, data scientists and analysts to store data of any size and shape and at any speed, and do all types of processing and analytics across platforms and languages. It removes the complexities of ingesting and storing all your data while making it faster to get up and running with batch, streaming and interactive analytics. It also integrates seamlessly with operational stores and data warehouses so that you can extend current data applications.

References:

<https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi> <https://azure.microsoft.com/en-gb/solutions/data-lake/> <https://docs.microsoft.com/en-us/azure/data-lake-store/data-lake-store-power-bi>

QUESTION 55

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

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

Correct Answer: D

Section:

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.

Reference:

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

**QUESTION 56**

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region. Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

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

Correct Answer: C

Section:

Explanation:

In the Azure virtual machines page in the Azure portal, there is a named Maintenance Status. This column will display service issues that could affect your virtual machine. A service failure is rare but host server maintenance that could affect your virtual machines is more common.

Azure periodically updates its platform to improve the reliability, performance, and security of the host infrastructure for virtual machines. The purpose of these updates ranges from patching software components in the hosting environment to upgrading networking components or decommissioning hardware.

References: <https://docs.microsoft.com/en-us/azure/virtual-machines/maintenance-and-updates>

QUESTION 57

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

Answer Area:

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

Section:

Explanation:

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 charge for the read operations of the source storage account and write operations in the destination storage account. References: <https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview> <https://azure.microsoft.com/en-gb/pricing/details/storage/blobs/>

QUESTION 58

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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

Section:

Explanation:

When you are implementing a Software as a Service (SaaS) solution, you are responsible for configuring the SaaS solution. Everything else is managed by the cloud provider.

SaaS requires the least amount of management. The cloud provider is responsible for managing everything, and the end user just uses the software.

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 (such as Microsoft Office 365).

SaaS provides a complete software solution which you purchase on a pay-as-you-go basis from a cloud service provider. You rent the use of an app for your organization and your users connect to it over the Internet, usually with a web browser. All of the underlying infrastructure, middleware, app software and app data are located in the service provider's data center. The service provider manages the hardware and software and with the appropriate service agreement, will ensure the availability and the security of the app and your data as well.

References:

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

<https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/5-types-of-cloud-services>

QUESTION 59

HOTSPOT

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



Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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

Section:

Explanation:

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 60

HOTSPOT

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

Hot Area:

Answer Area

Azure Cosmos DB is an
example of a

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



Answer Area:

Answer Area

Azure Cosmos DB is an
example of a

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

offering.

Section:

Explanation:

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

References:

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

QUESTION 61

HOTSPOT

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

Hot Area:

Answer Area

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

<input type="radio"/> The virtual machines cannot be moved to the new subscription.
<input type="radio"/> The virtual machines can be moved to the new subscription.
<input type="radio"/> The virtual machines can be moved to the new subscription only if they are all in the same resource group.
<input type="radio"/> The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

Answer Area:

Answer Area

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

<input type="radio"/> The virtual machines cannot be moved to the new subscription.
<input checked="" type="radio"/> The virtual machines can be moved to the new subscription.
<input type="radio"/> The virtual machines can be moved to the new subscription only if they are all in the same resource group.
<input type="radio"/> The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

Section:

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.

References:

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

QUESTION 62

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area		
Statements	Yes	No
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 type="radio"/>

Answer Area:

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

Vdumps

Section:

Explanation:

Box 1: No

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

Box 2: No

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

Box 3: Yes

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

References:

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

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

QUESTION 63

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area		
Statements	Yes	No
You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.	<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 Area:

Vdumps

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"/>

Section:

Explanation:

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.

References:

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

QUESTION 64

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

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

Correct Answer: B

Section:

Explanation:

<https://azure.microsoft.com/en-in/services/azure-sentinel/>

QUESTION 65

What does a customer provide in a software as a service

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

D. application software

Correct Answer: A

Section:

Explanation:

SaaS provides a complete software solution which you purchase on a pay-as-you-go basis from a cloud service provider. You rent the use of an app for your organization and your users connect to it over the Internet, usually with a web browser. All of the underlying infrastructure, middleware, app software and app data are located in the service provider's data center. The service provider manages the hardware and software and with the appropriate service agreement, will ensure the availability and the security of the app and your data as well.

Reference:

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

QUESTION 66

You have an Azure subscription and 100 Windows 10 devices.

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

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

Correct Answer: A

Section:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-policies>



QUESTION 67

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

Correct Answer: B

Section:

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 68

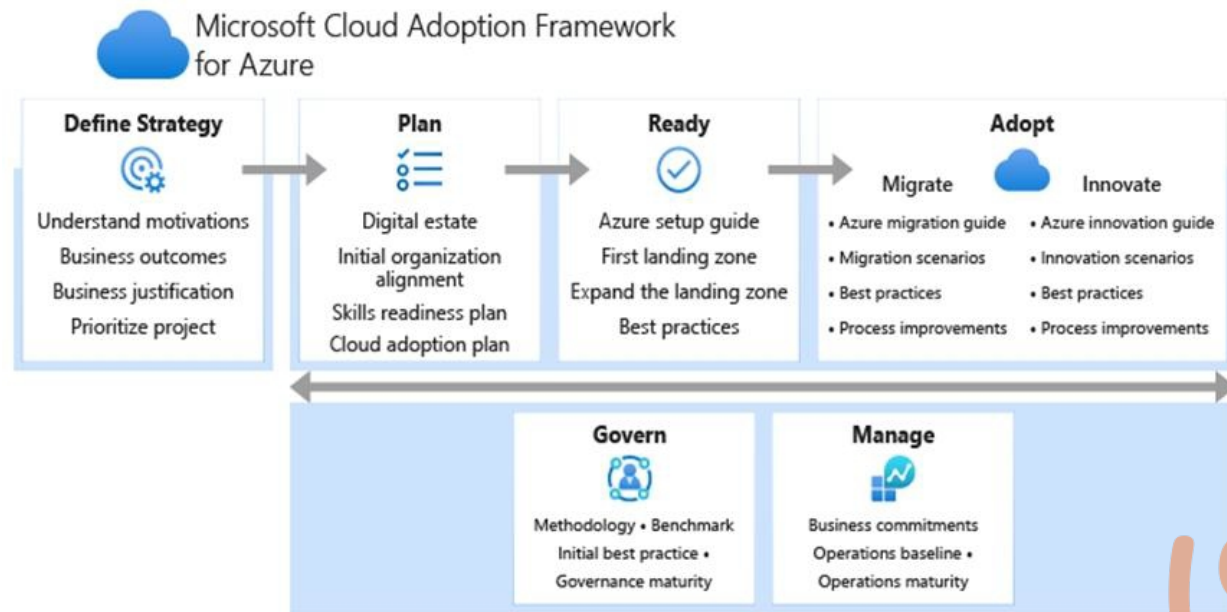
What is the first stage in the Microsoft Cloud Adoption Framework for Azure?

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

Correct Answer: D

Section:

Explanation:



Reference:

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

QUESTION 69

You have an Azure virtual machine named VM1.
 You plan to encrypt VM1 by using Azure Disk Encryption.
 Which Azure resource must you create first?

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

Correct Answer: B

Section:

Explanation:

Azure Disk Encryption requires an Azure Key Vault to control and manage disk encryption keys and secrets.

Reference:

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

QUESTION 70

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

- A. Service Tags only

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

Correct Answer: B

Section:

Explanation:

Source or destination:

Any, or an individual IP address, classless inter-domain routing (CIDR) block (10.0.0.0/24, for example), service tag, or application security group.

Reference:

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

QUESTION 71

You have an Azure subscription.

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

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

Correct Answer: C

Section:

Explanation:

The Microsoft Privacy Statement explains the personal data Microsoft processes, how Microsoft processes it, and for what purposes. Your applicable Services Agreement or the Preview Supplemental Terms may specify lesser or different privacy measures for some Preview services.

Reference:

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

QUESTION 72

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

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

Correct Answer: C

Section:

Explanation:

You don't need an Azure subscription to work with the TCO Calculator.

Reference:

<https://docs.microsoft.com/en-us/learn/modules/plan-manage-azure-costs/2-compare-costs-tco-calculator>

QUESTION 73

Fill in the blank

To save on the costs of an unused Azure virtual machine that runs Windows 10, you should _____

A. select Stop for the virtual machine from the Azure portal.

Correct Answer: A

Section:

QUESTION 74

Fill in the blank

_____ runs application code in Azure without requiring a server.

A. Azure Functions

Correct Answer: A

Section:

QUESTION 75

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%.

Correct Answer: A

Section:

QUESTION 76

Fill in the blank

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

A. storage

Correct Answer: A

Section:

QUESTION 77

Fill in the blank

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 _____

A. multi-factor authentication (MFA).

Correct Answer: A

Section:

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.



Hot Area:

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

Answer Area:

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

Section:

Explanation:

References:

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

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

QUESTION 79

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area		
Statements	Yes	No
To implement a hybrid cloud model, a company must have an internal network.	<input type="radio"/>	<input type="radio"/>
A company can extend the computing resources of its internal network by using a hybrid 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"/>

Vdumps

Answer Area:

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

Section:

Explanation:

Box 1: No

It is not true that a company must always migrate from an internal network to implement a hybrid cloud. You could start with a public cloud and then combine that with an on-premise infrastructure to implement a hybrid cloud.

Box 2: Yes

A company can extend the computing resources of its internal network by using the public cloud. This is very common. When you need more resources, rather than pay out for new on-premises infrastructure, you can configure a cloud environment and connect your on-premises network to the cloud environment by using a VPN.

Box 3: No

It is not true that only guest users can access cloud resources. You can give anyone with an account in Azure Active Directory access to the cloud resources. There are many authentication scenarios but a common one is to replicate your on-premises Active Directory accounts to Azure Active Directory and provide access to the Azure Active Directory accounts. Another commonly used authentication method is 'Federation' where authentication for access to cloud resources is passed to another authentication provider such as an on-premises Active Directory.

Reference:

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

QUESTION 80

HOTSPOT

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

View security recommendations.

Monitor the health of Azure services.

Browse available virtual machine images.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor the health of Azure services: ▼

Monitor
Subscriptions
Marketplace
Advisor

Browse available virtual machine images: ▼

Monitor
Subscriptions
Marketplace
Advisor

View security recommendations: ▼

Monitor
Subscriptions
Marketplace
Advisor



Answer Area:

Answer Area

Monitor the health of Azure services:

Browse available virtual machine images:

View security recommendations:



Section:

Explanation:

Box 1:

Azure Monitor is used to monitor the health of Azure services.

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. It helps you understand how your applications are performing and proactively identifies issues affecting them and the resources they depend on.

Box 2:

You can browse available virtual machine images in the Azure Marketplace.

Azure Marketplace provides access and information on solutions and services available from Microsoft and their partners. Customers can discover, try, or buy cloud software solutions built on or for Azure. The catalog of 8,000+ listings provides Azure building blocks, such as Virtual Machines (VMs), APIs, Azure apps, Solution Templates and managed applications, SaaS apps, containers, and consulting services.

Box 3:

Azure Advisor displays security recommendations.

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the Security tab on the Advisor dashboard.

Security Center helps you prevent, detect, and respond to threats with increased visibility into and control over the security of your Azure resources. It periodically analyzes the security state of your Azure resources. When Security Center identifies potential security vulnerabilities, it creates recommendations. The recommendations guide you through the process of configuring the controls you need.

References:

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

<https://docs.microsoft.com/en-us/azure/marketplace/marketplace-faq-publisher-guide>

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

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.

Hot Area:

Answer Area

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

Answer Area:

Answer Area

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



Section:

Explanation:

Explanation:

Box 1: No

A resource can interact with resources in other resource groups.

Box 2: Yes

Deleting the resource group will remove the resource group as well as all the resources in that resource group. Box 3: Yes

References: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview> <https://www.codeisahighway.com/effective-ways-to-delete-resources-in-a-resource-group-on-azure/>

QUESTION 82

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
An Azure free account has a spending limit.	<input type="radio"/>	<input type="radio"/>
An Azure free account has a limit of 2TB of data that can be uploaded to Azure.	<input type="radio"/>	<input type="radio"/>
An Azure free account can contain an unlimited number of web apps.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Statements	Yes	No
An Azure free account has a spending limit.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure free account has a limit of 2TB of data that can be uploaded to Azure.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure free account can contain an unlimited number of web apps.	<input type="radio"/>	<input checked="" type="radio"/>

Section:

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>

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.

Hot Area:



Answer Area

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

Answer Area:

Answer Area

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



Section:

Explanation:

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.

References:

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

QUESTION 84

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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 Area:

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

Section:

Explanation:

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

References:

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

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

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.

Hot 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 Area:

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



Section:

Explanation:

Box 1: No

Azure Active Directory (Azure AD) is a cloud-based service. It does not require domain controllers on virtual machines.

Box 2: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources and Microsoft 365.

Box 3: No

User accounts in Azure Active Directory can be assigned multiple licenses for different Azure or Microsoft 365 services.

QUESTION 86

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

Correct Answer: A

Section:

QUESTION 87

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

Correct Answer: D

Section:

QUESTION 88

What provides a unified way to project and manage non-Azure resources in Azure Resource Manager (ARM)?

- A. Azure Arc
- B. Azure AD Connect
- C. Azure Migrate
- D. Azure Front Door

Correct Answer: A

Section:

QUESTION 89

In the software as a service (SaaS) cloud service, which responsibility is shared between Microsoft and the customer?

- A. identity and directory infrastructure management
- B. application management
- C. information and data management
- D. operating system updates

Correct Answer: C

Section:

QUESTION 90

Your company has an Azure subscription and three business units.

You plan to deploy new resources for each business unit

You need to ensure that the new resources are deployed by using a repeatable and reliable method that applies the same configurations to each resource.

What should you use?

- A. Azure Arc
- B. a resource group
- C. Azure Resource Manager (ARM) templates
- D. Azure Policy

Correct Answer: C

Section:

QUESTION 91

You plan to reduce ongoing Azure expenditures.

You need to identify which factors affect the costs of a resource.

Which three factors should you identify? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. the Azure region
- B. the type of processed data
- C. the volume of inbound data
- D. the volume of outbound data
- E. the service tier

Correct Answer: B, D, E

Section:

QUESTION 92

Which Azure service is an example of serverless computing?

- A. Azure dedicated hosts
- B. Azure Virtual Machines
- C. Azure Functions
- D. Azure storage account

Correct Answer: B

Section:

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.

Hot Area:



Statements

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

Yes	No
<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 Area:

Statements

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

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>

Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.

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

Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.

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



Section:

Explanation:

Box 1: No

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the Security tab on the Advisor dashboard. Examples of recommendations include restricting access to virtual machines by configuring Network Security Groups, enabling storage encryption, installing vulnerability assessment solutions. However, Azure Advisor does not provide recommendations on how to improve the security of an Azure AD environment.

Box 2: Yes

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

Box 3: No.

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

References:

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

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

QUESTION 94

HOTSPOT

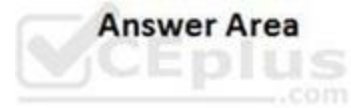
Several support engineers plan to manage Azure by using the computers shown in the following table:

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

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

What should you identify for each computer? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:



Computer1:	<table border="1"><tbody><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">v</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></tbody></table>	The Azure CLI and the Azure portal	v	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	v					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						
Computer2:	<table border="1"><tbody><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">v</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></tbody></table>	The Azure CLI and the Azure portal	v	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	v					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						
Computer3:	<table border="1"><tbody><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">v</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></tbody></table>	The Azure CLI and the Azure portal	v	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	v					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						

Answer Area:

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

Section:

Explanation:

Previously, the Azure CLI (or x-plat CLI) was the only option for managing Azure subscriptions and resources from the command-line on Linux and macOS. Now with the open source and cross-platform release of PowerShell, you'll be able to manage all your Azure resources from Windows, Linux and macOS using your tool of choice, either the Azure CLI or Azure PowerShell cmdlets. The Azure portal runs in a web browser so can be used in either operating system.

References:

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

QUESTION 95

HOTSPOT

You plan to deploy a critical line-of-business application to Azure.

The application will run on an Azure virtual machine.

You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent. What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

 **Answer Area**

Minimum number of virtual machines:

1	v
2	
3	



Minimum number of availability zones:

1	v
2	
3	



Answer Area:

 **Answer Area**

Minimum number of virtual machines:

1	v
2	
3	



Minimum number of availability zones:

1	v
2	
3	



Section:

Explanation:

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.

References:

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

QUESTION 96

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Answer Area:

Answer Area

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

Section:

Explanation:

Box 1: No

Not all Azure regions support availability zones.

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.

References:

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

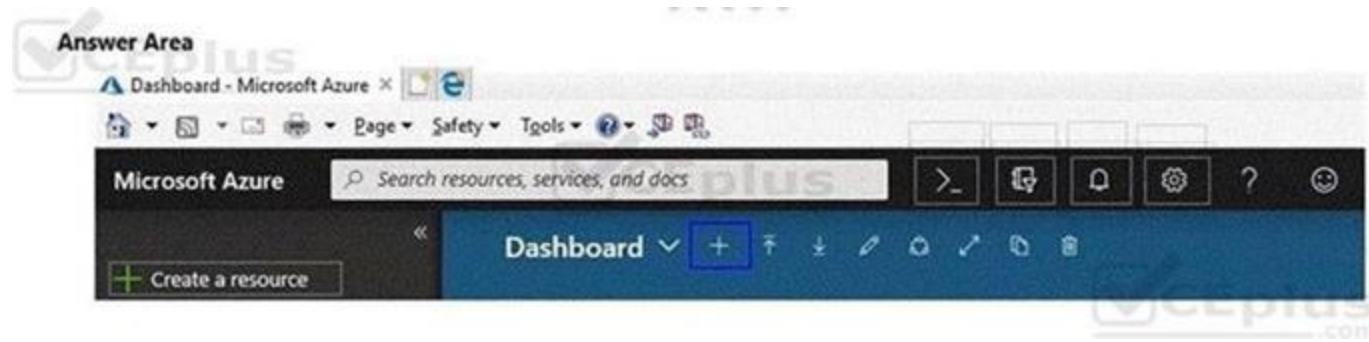
QUESTION 97

HOTSPOT

You need to manage Azure by using Azure Cloud Shell.

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

Hot Area:



Answer Area:



Section:

Explanation:

Answer: ">_"

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

Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.

Cloud Shell enables access to a browser-based command-line experience built with Azure management tasks in mind.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/overview?view=azure-cli-latest>

QUESTION 98

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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 Area:

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



Section:

Explanation:

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 99

HOTSPOT

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

Hot Area:

Answer Area

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

	▼
The virtual machines cannot be moved to the new subscription.	
The virtual machines can be moved to the new subscription.	
The virtual machines can be moved to the new subscription only if they are all in the same resource group.	
The virtual machines can be moved to the new subscription only if they run Windows Server 2019.	

Answer Area:

Answer Area

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

	▼
The virtual machines cannot be moved to the new subscription.	
The virtual machines can be moved to the new subscription.	
The virtual machines can be moved to the new subscription only if they are all in the same resource group.	
The virtual machines can be moved to the new subscription only if they run Windows Server 2019.	

Section:

Explanation:

Reference:

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

QUESTION 100

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Trust Center is part of the Azure Security Center

Yes

No

Trust Center can only be accessed by users that have an Azure subscription

Trust Center provides information about the Azure compliance offerings

Answer Area:

Answer Area

Statements

Trust Center is part of the Azure Security Center

Yes

No

Trust Center can only be accessed by users that have an Azure subscription

Trust Center provides information about the Azure compliance offerings

Section:

Explanation:

Reference:

<https://www.microsoft.com/en-us/trust-center>

QUESTION 101

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
You can use Azure Policy to apply tags to resources	<input type="radio"/>	<input type="radio"/>
You can add multiple tags to the same Azure resource	<input type="radio"/>	<input type="radio"/>
An Azure resource inherits tags from the resource group to which the resource is deployed	<input type="radio"/>	<input type="radio"/>

Answer Area:

Statements	Yes	No
You can use Azure Policy to apply tags to resources	<input checked="" type="radio"/>	<input type="radio"/>
You can add multiple tags to the same Azure resource	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource inherits tags from the resource group to which the resource is deployed	<input type="radio"/>	<input checked="" type="radio"/>

Section:

Explanation:

Box 1: Yes

You use Azure Policy to enforce tagging rules and conventions.

Box 2: Yes

Each resource or resource group can have a maximum of 50 tags.

Box 3: No

Tags applied to the resource group or subscription aren't inherited by the resources.

Reference:

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

<https://docs.microsoft.com/en-us/azure/governance/policy/tutorials/govern-tags>

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

QUESTION 102

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

_____ is an Apache Spark-based analytics service.

- Azure Databricks
- Azure Data Factory
- Azure DevOps
- Azure Synapse Analytics

These are the answer selections.

Answer Area:

Answer Area

Azure Databricks is an Apache Spark-based analytics service.

- Azure Databricks
- Azure Data Factory
- Azure DevOps
- Azure Synapse Analytics

These are the answer selections.

Vdumps

Section:

Explanation:

QUESTION 103

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

An Azure region _____

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

Answer Area:

Answer Area

An Azure region

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

Section:

Explanation:

QUESTION 104

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes

No

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 Area:

 Vdumps

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

Section:

Explanation:

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.

References:

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

QUESTION 105

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Answer Area:

Answer Area

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



Section:

Explanation:

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.

Hot Area:



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.

Answer Area:



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.

Section:

Explanation:

QUESTION 107

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

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 Area:

Answer Area

Statements

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

Section:

Explanation:

Box 1: No

Azure Free Account gives you 12 months access to the most popular free services. It also gives you a credit (150 GBP or 200 USD) to use on any Azure service for up to 30 days.

Box 2: Yes

All free accounts expire after 12 months.

Box 3: No

You can only create one free Azure account per Microsoft account.

References:

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

QUESTION 108

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

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 Area:

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

Section:

Explanation:

Box 1: No

The Account Administrator is the subscription owner. Conceptually, this is the billing owner of the subscription. Every Azure subscription has one Account Administrator, which defaults to the person who created the subscription.

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.

References:

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

QUESTION 109

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	<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"/>

Hot Area:

Answer:

Answer Area

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

Hot Area:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	<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 Area:

Answer Area

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



Section:

Explanation:

Box 1: Yes

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

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

Box 2: No

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

Box 3: Yes

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

References:

https://azure.microsoft.com/en-gb/support/legal/sla/active-directory/v1_0/

QUESTION 110

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

	Yes	No
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 Area:

Answer Area

Statements

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

Section:

Explanation:

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

Box 1: No

Services in private preview can be viewed in the regular Azure portal. However, you need to be signed up for the feature in private preview before you can view it. Access to private preview features is usually by invitation only.

Box 2: Yes

You can use services in public preview in production environments. However, you should be aware that the service may have faults, is not subject to an SLA and may be withdrawn without notice.

Box 3: No

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

References:

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

QUESTION 111

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements

- A Standard support plan is included in an Azure free account.
- A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).
- Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.

Yes	No
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>

Answer Area:

Statements

- A Standard support plan is included in an Azure free account.
- A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).
- Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.

Yes	No
<input type="radio"/>	<input checked="" type="radio"/>
<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input checked="" type="radio"/>



Section:

Explanation:

Box 1: No

An Azure free account comes with a 'basic' support plan, not a 'standard' support plan.

Box 2: Yes

You can purchase the Professional Direct, Standard, and Developer support plans with the Microsoft Customer Agreement. You can also purchase the Professional and Standard support plans with the Enterprise Agreement.

Box 3: No

Users with any type of Azure subscription (pay-as-you-go, Enterprise Agreement, Microsoft Customer Agreement etc.) can get support from the MSDN forums.

References:

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

QUESTION 112

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

<input type="text"/>	+	<input type="text"/>	×	<input type="text"/>
Downtime in Minutes		60		100
Maximum Available Minutes		1,440		99.99
(Maximum Available Minutes – Downtime in Minutes)		Maximum Available Minutes		1.440

Answer Area:

Answer Area

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

Section:

Explanation:

References:

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

QUESTION 113

HOTSPOT

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

Hot Area:

Answer Area

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

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

Answer Area:

Answer Area

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

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

Section:

Explanation:

Azure automatically routes traffic between subnets in a virtual network. Therefore, all virtual machines in a virtual network can connect to the other virtual machines in the same virtual network. Even if the virtual machines are on separate subnets within the virtual network, they can still communicate with each other.

To ensure that a virtual machine cannot connect to the other virtual machines, the virtual machine must be deployed to a separate virtual network.

References:

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

QUESTION 114

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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

Section:

Explanation:

A resource group is a logical container for Azure resources. Resource groups make the management of Azure resources easier.

With a resource group, you can allow a user to manage all resources in the resource group, such as virtual machines, websites, and subnets. The permissions you apply to the resource group apply to all resources contained in the resource group.

Reference:

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

<https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

QUESTION 115

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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



Section:

Explanation:

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.

References:

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

QUESTION 116

HOTSPOT

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

Hot Area:

Answer Area

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

- hybrid
- multi-vendor
- private
- public

Answer Area:

Answer Area

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

- hybrid
- multi-vendor
- private
- public



Section:

Explanation:

Reference:

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

QUESTION 117

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes

No

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

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

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

Answer Area:

Answer Area

Statements

Yes

No

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

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

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

Section:

Explanation:

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 118

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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 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"/>



Section:

Explanation:

Box 1: No

Not all Azure regions support availability zones.

Box 2: No

Availability zones can be used with many Azure services, not just VMs.

Box 3: No

Availability Zones are unique physical locations within a single Azure region.

Reference:

<https://docs.microsoft.com/en-us/azure/availability-zones/az-region#azure-regions-with-availability-zones>

QUESTION 119

HOTSPOT

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

Hot Area:

Answer Area

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

- Azure Bastion
- Azure Firewall
- Azure Front Door
- Azure Security Center

Answer Area:

Answer Area

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

- Azure Bastion
- Azure Firewall
- Azure Front Door
- Azure Security Center

Section:

Explanation:

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

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time?tabs=jit-config-asc%2Cjit-request-asc>

QUESTION 120

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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



Answer Area:

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

Section:

Explanation:

Reference:

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

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.

Hot Area:

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 Area:

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"/>

Section:

Explanation:

References:

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



QUESTION 122

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes

No

Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.

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

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

Answer Area:

Answer Area

Statements



Yes

No

Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.

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

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

Section:

Explanation:

Box 1: No

Authorization to access Azure resources can be provided by other identity providers by using federation. A commonly used example of this is to federate your on-premises Active Directory environment with Azure AD and use this federation for authentication and authorization.

Box 2: Yes

As described above, third-party cloud services and on-premises Active Directory can be used to access Azure resources. This is known as 'federation'. Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include a number of organizations that have established trust for shared access to a set of resources.

Box 3: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-fed>

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

QUESTION 123

HOTSPOT


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

Hot Area:

Answer Area

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 Area:

Answer Area

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

Section:

Explanation:

Reference:

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

QUESTION 124

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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



Answer Area:

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

Section:

Explanation:

Reference:
<https://azure.microsoft.com/en-gb/blog/new-capabilities-to-enable-robust-gdpr-compliance/>

QUESTION 125

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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 Area:

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

Section:

Explanation:

Reference:

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

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

QUESTION 126

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

Answer Area:

Answer Area

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

Vdumps

Section:

Explanation:

Box 1: No

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

Box 2: No

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

Box 3: Yes

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

Reference:

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

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

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

QUESTION 127

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area	Statements	Yes	No
	With software as a service (SaaS), you must apply software updates.	<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 Area:

Answer Area	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"/>



Section:

Explanation:

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 128

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

Answer Area:

Answer Area	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"/>

Section:

Explanation:

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 129

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area	Statements	Yes	No
	A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input type="radio"/>
	A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input type="radio"/>
	Windows Virtual Desktop supports desktop and app virtualization.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area	Statements	Yes	No
	A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input checked="" type="radio"/>
	A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input checked="" type="radio"/>	<input type="radio"/>
	Windows Virtual Desktop supports desktop and app virtualization.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

Reference:

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

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.

Hot Area:

Answer Area

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

Answer Area:

Answer Area

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



Section:

Explanation:

Box 1: Yes

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.

Box 2: Yes

As described above, third-party cloud services and on-premises Active Directory can be used to access Azure resources. This is known as 'federation'. Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include a number of organizations that have established trust for shared access to a set of resources.

Box 3: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources.

References:

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

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/what-is-fed>

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

QUESTION 131

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

Answer Area:

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

Section:

Explanation:

Box 1: Yes

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.

Box 2: Yes

As described above, third-party cloud services and on-premises Active Directory can be used to access Azure resources. This is known as 'federation'. Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include a number of organizations that have established trust for shared access to a set of resources.

Box 3: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources.

References:

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

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/what-is-fed>

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

QUESTION 132

HOTSPOT

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

Hot Area:

Answer Area

You can view your company's regulatory compliance report from

	▼
Azure Advisor	
Azure Analysis Services	
Azure Monitor	
Azure Security Center	

Answer Area:

Answer Area

You can view your company's regulatory compliance report from

	▼
Azure Advisor	
Azure Analysis Services	
Azure Monitor	
Azure Security Center	

Section:

Explanation:

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 133

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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

Section:

Explanation:

Reference:

<https://blog.abouttmc.com/azure-cloud-total-cost-of-ownership>

QUESTION 134

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Answer Area:

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="checkbox"/>	<input checked="" type="checkbox"/>
With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Serverless computing is an example of a consumption-based plan.	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Section:

Explanation:

QUESTION 135

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The 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 Area:

Answer Area

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

Section:

Explanation:

QUESTION 136

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area	
Statements	Yes No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/> <input type="radio"/>
Azure SQL Database is an example of platform as a service (PaaS).	<input type="radio"/> <input type="radio"/>
Azure Cosmos DB is an example of software as a service (SaaS).	<input type="radio"/> <input type="radio"/>

Answer Area:

Answer Area	
Statements	Yes No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/> <input checked="" type="radio"/>
Azure SQL Database is an example of platform as a service (PaaS).	<input checked="" type="radio"/> <input type="radio"/>
Azure Cosmos DB is an example of software as a service (SaaS).	<input type="radio"/> <input checked="" type="radio"/>

Section:

Explanation:

Reference:

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

<https://www.red-gate.com/simple-talk/cloud/azure/overview-of-azure-cosmos-db>

QUESTION 137

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes

No

Cloud computing provides elastic scalability.

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

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

Answer Area:

Answer Area

Statements

Yes

No

Cloud computing provides elastic scalability.

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

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

Section:

Explanation:

QUESTION 138

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

Statements

Yes No

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 network traffic sent to the Internet.

Vdumps

Answer Area:

Answer Area

Statements

Yes No

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

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

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

Vdumps

Section:

Explanation:

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 as 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 139

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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



Section:

Explanation:

QUESTION 140

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes No

The Archive access tier is set at the storage account level.

The Hot access tier is recommended for data that is accessed and modified frequently.

The Cool access tier is recommended for long term backups.

Answer Area:

Answer Area

Statements

Yes No

The Archive access tier is set at the storage account level.

The Hot access tier is recommended for data that is accessed and modified frequently.

The Cool access tier is recommended for long term backups.

Section:

Explanation:

QUESTION 141

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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 Area:

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

Section:

Explanation:

QUESTION 142

HOTSPOT

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

Hot Area:

Answer Area

Azure Sentinel uses playbooks to

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

Answer Area:

Answer Area

Azure Sentinel uses playbooks to

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

Section:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/sentinel/tutorial-respond-threats-playbook>

QUESTION 143

HOTSPOT

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

Hot Area:

Answer Area

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

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

Answer Area:

Answer Area

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

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



Section:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/firewall/tutorial-firewall-dnat-policy>

QUESTION 144

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes No

Azure Active Directory (Azure AD) can be used to manage access to on-premises applications.

Azure Active Directory (Azure AD) provides single sign-on (SSO).

iOS devices can be registered in Azure Active Directory (Azure AD).

Answer Area:

Answer Area

Statements

Yes No

Azure Active Directory (Azure AD) can be used to manage access to on-premises applications.

Azure Active Directory (Azure AD) provides single sign-on (SSO).

iOS devices can be registered in Azure Active Directory (Azure AD).

Section:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-what-is>

<https://docs.microsoft.com/en-us/azure/active-directory/manage-apps/what-is-single-sign-on>

<https://docs.microsoft.com/en-us/azure/active-directory/devices/concept-azure-ad-register>

QUESTION 145

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements

Yes No

Pay-As-You-Go (PAYG) is a consumption-based model.

Payments to cloud service providers are considered capital expenditures (CapEx).

The services provided through a consumption-based model are considered operational expenditures (OpEx).

Answer Area:

Answer Area

Statements

Yes No

Pay-As-You-Go (PAYG) is a consumption-based model.

Payments to cloud service providers are considered capital expenditures (CapEx).

The services provided through a consumption-based model are considered operational expenditures (OpEx).

Section:

Explanation:

QUESTION 146

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
You can add an Azure Resource Manager template to an Azure blueprint.	<input type="radio"/>	<input type="radio"/>
You can assign an Azure blueprint to a resource group.	<input type="radio"/>	<input type="radio"/>
You can use Azure Blueprints to grant permissions to a resource.	<input type="radio"/>	<input type="radio"/>

Answer Area:

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

Section:

Explanation:

QUESTION 147

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

☞
▼

- The Microsoft Purview compliance portal
- The Microsoft 365 Defender portal
- Microsoft Defender for Cloud in the Azure portal
- Microsoft Trust Center

provides in-depth information about security, privacy,

compliance offerings, policies, and features across Microsoft cloud products.

Answer Area:

- The Microsoft Purview compliance portal
- The Microsoft 365 Defender portal
- Microsoft Defender for Cloud in the Azure portal
- Microsoft Trust Center

provides in-depth information about security, privacy, compliance offerings, policies, and features across Microsoft cloud products.

Section:

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-trustcenter/#:~:text=The%20Trust%20Center%20provides%3A,Additional%20resources%20for%20each%20topic.>

QUESTION 148

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:



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 Area:

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.

Section:

Explanation:

QUESTION 149

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

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 Area:

Statements

Yes

No

An Azure Virtual Desktop session host can run Windows 10 or Windows 11 only.

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

Azure Virtual Desktop supports desktop and app virtualization.

Section:

Explanation:

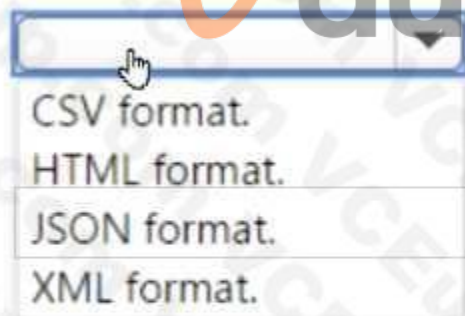
QUESTION 150

HOTSPOT

Select the answer that correctly completes the sentence.

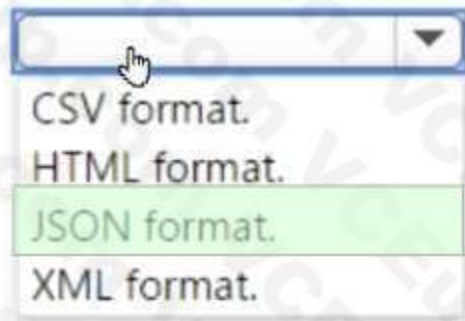
Hot Area:

Azure Resource Manager (ARM) templates use the


A dropdown menu with four options: CSV format., HTML format., JSON format., and XML format. A mouse cursor is pointing at the top of the dropdown.

Answer Area:

Azure Resource Manager (ARM) templates use the



Section:

Explanation:

QUESTION 151

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
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 Area:

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"/>

Section:

Explanation:

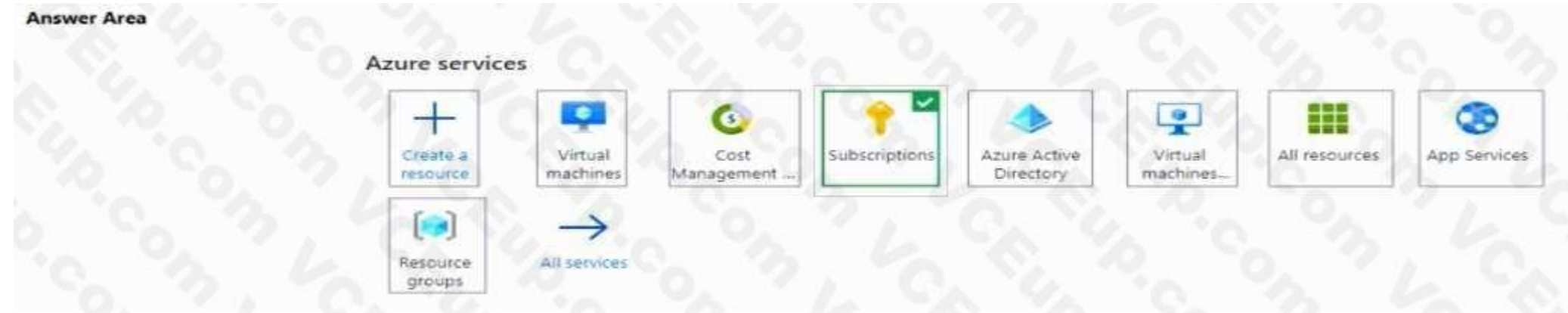
QUESTION 152

HOTSPOT

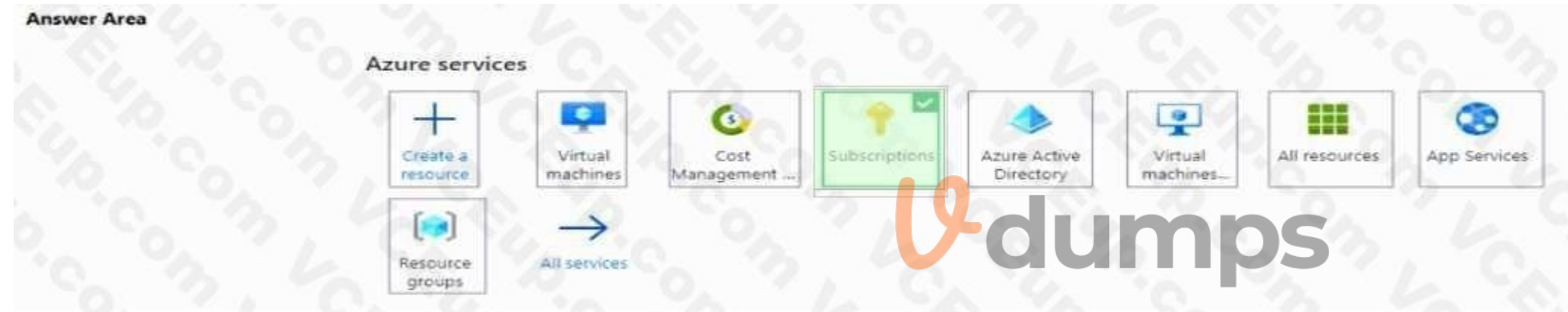
You need to create a new user for an Azure subscription.

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

Hot Area:



Answer Area:



Section:

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

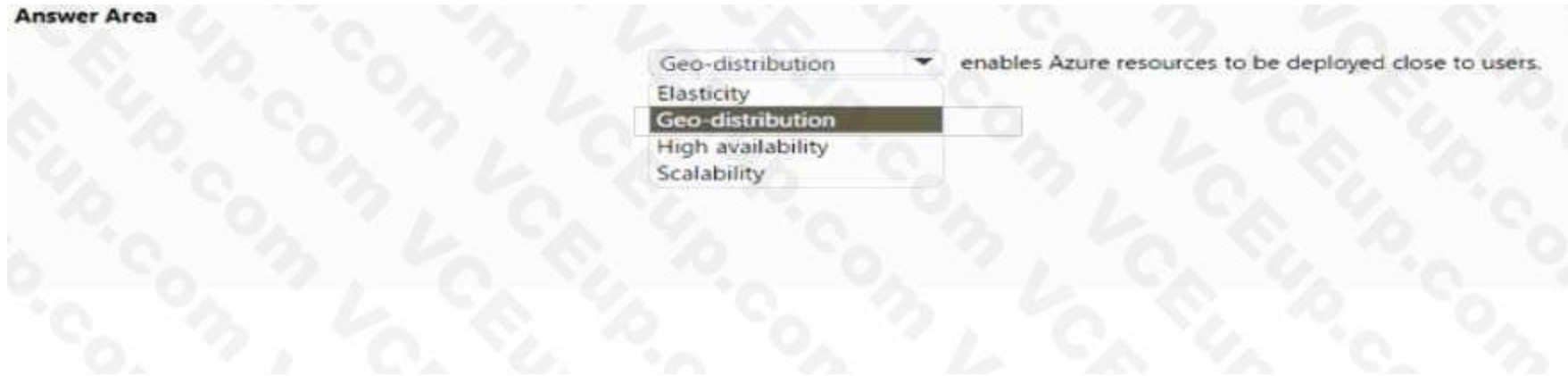
<https://learn.microsoft.com/en-us/partner-center/assign-azuresubscriptions#:~:text=At%20the%20Azure%20portal%2C%20select,the%20user%20will%20have%20 access.>

QUESTION 153

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:



Answer Area:



Section:

Explanation:



QUESTION 154

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area:

Answer Area

Statements	Yes	No
Pay-As-You-Go (PAYG) is a consumption-based model.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Payments to cloud service providers are considered capital expenditures (CapEx).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The services provided through a consumption-based model are considered operational expenditures (OpEx).	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section:

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.

Hot Area:

Answer Area

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input type="checkbox"/>	<input type="checkbox"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input type="checkbox"/>	<input type="checkbox"/>
The Cool access tier is recommended for long term backups.	<input type="checkbox"/>	<input type="checkbox"/>

Answer Area:

Answer Area

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The Cool access tier is recommended for long term backups.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section:

Explanation:

QUESTION 156

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

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 Area:

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

Section:

Explanation:

QUESTION 157

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:



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

Answer Area:

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

Section:

Explanation:

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.

Hot Area:

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

Answer Area:

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



Section:

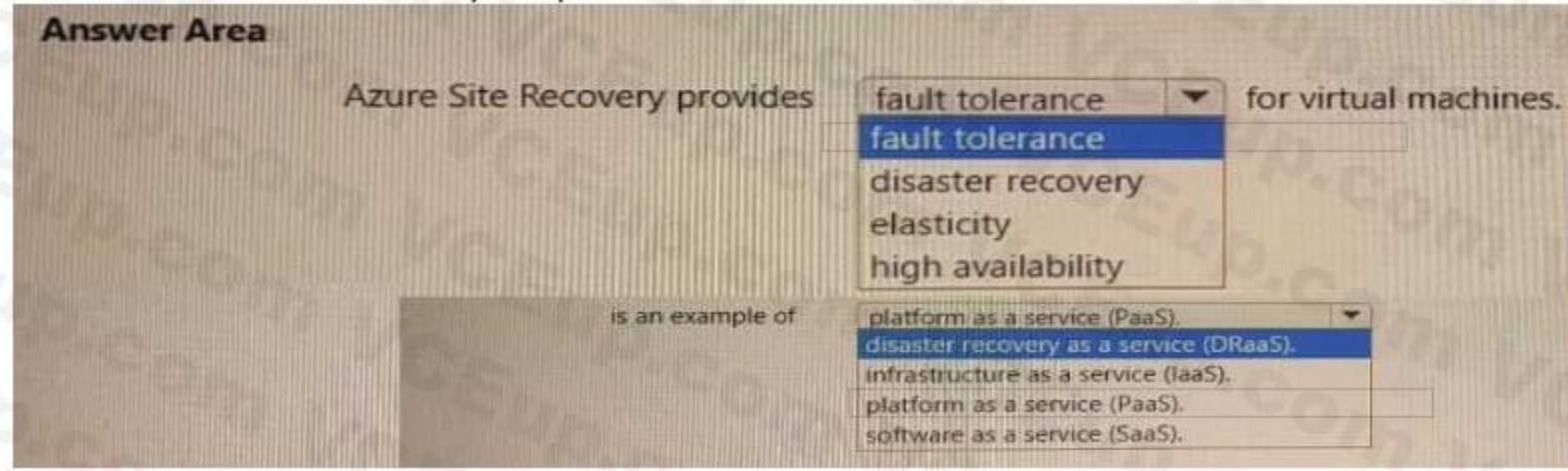
Explanation:

QUESTION 159

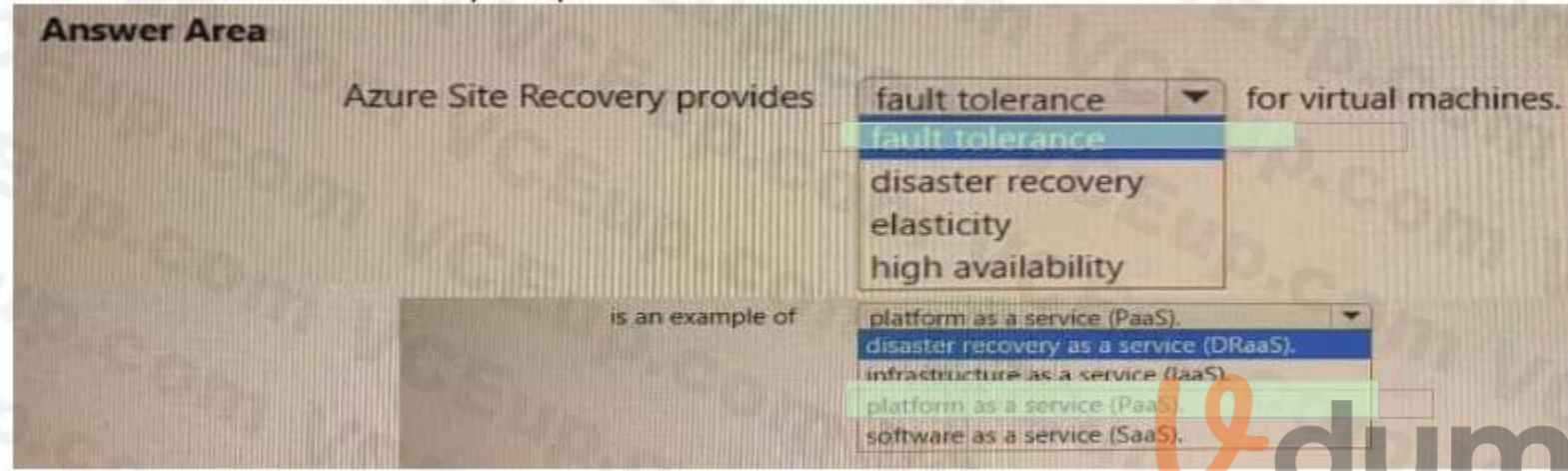
HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:



Answer Area:



Section:

Explanation:

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.

Hot Area:

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input type="radio"/>
Paying electricity for your datacenter is 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 Area:

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

Section:

Explanation:

QUESTION 161

HOTSPOT

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

Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.	<input type="radio"/>	<input checked="" type="radio"/>
Cloud computing provides the same configuration options as on-premises deployments.	<input type="radio"/>	<input checked="" type="radio"/>
Cloud computing can scale when a business requires change.	<input type="radio"/>	<input checked="" type="radio"/>

Answer Area:

Statements	Yes	No
Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.	<input checked="" type="radio"/>	<input type="radio"/>
Cloud computing provides the same configuration options as on-premises deployments.	<input type="radio"/>	<input checked="" type="radio"/>
Cloud computing can scale when a business requires change.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

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.

Hot 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 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 Area:

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

Section:

Explanation:

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.



Hot 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 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"/>

Section:

Explanation:

QUESTION 164

HOTSPOT

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

Hot Area:

Answer Area

Statements	Yes	No
The 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 checked="" type="radio"/>	<input type="radio"/>
Microsoft defines the pricing structure of all third-party services sold through Azure Marketplace.	<input checked="" type="radio"/>	<input type="radio"/>

Answer Area:

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 checked="" type="radio"/>	<input type="radio"/>
Microsoft defines the pricing structure of all third-party services sold through Azure Marketplace.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

QUESTION 165

HOTSPOT

Select the answer that correctly completes the sentence.

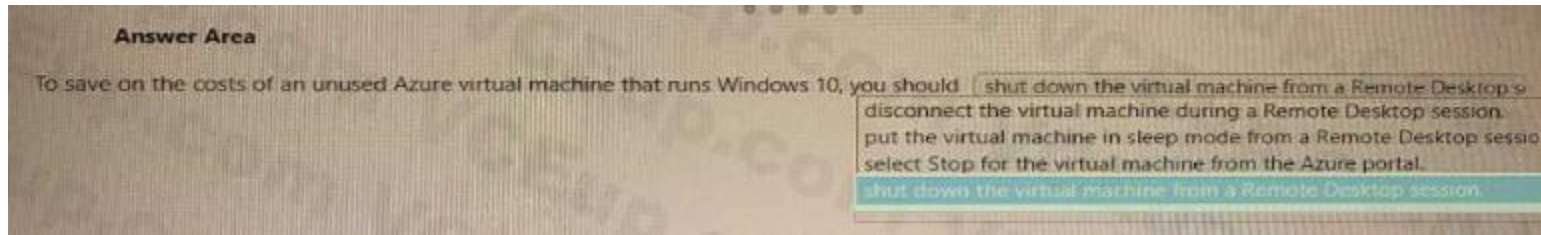
Hot Area:

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 Area:



Section:

Explanation:

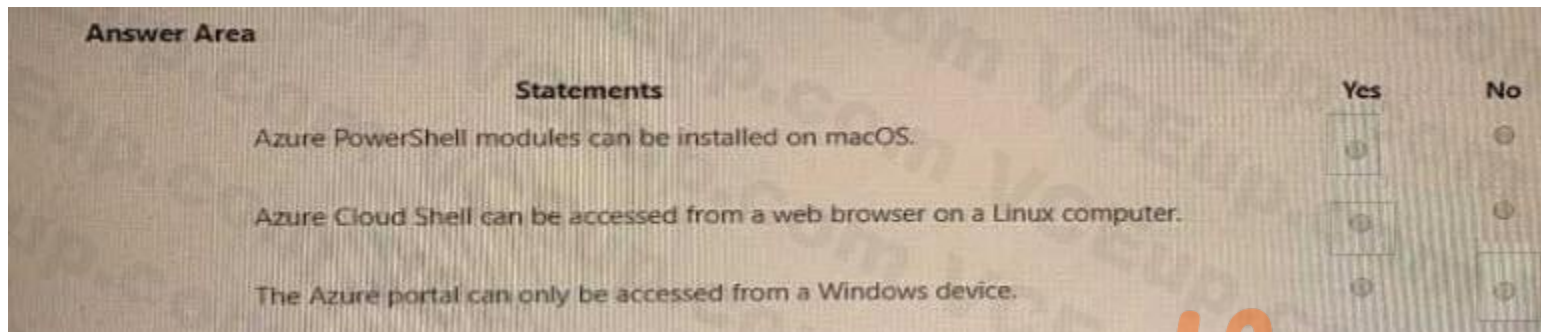
QUESTION 166

HOTSPOT

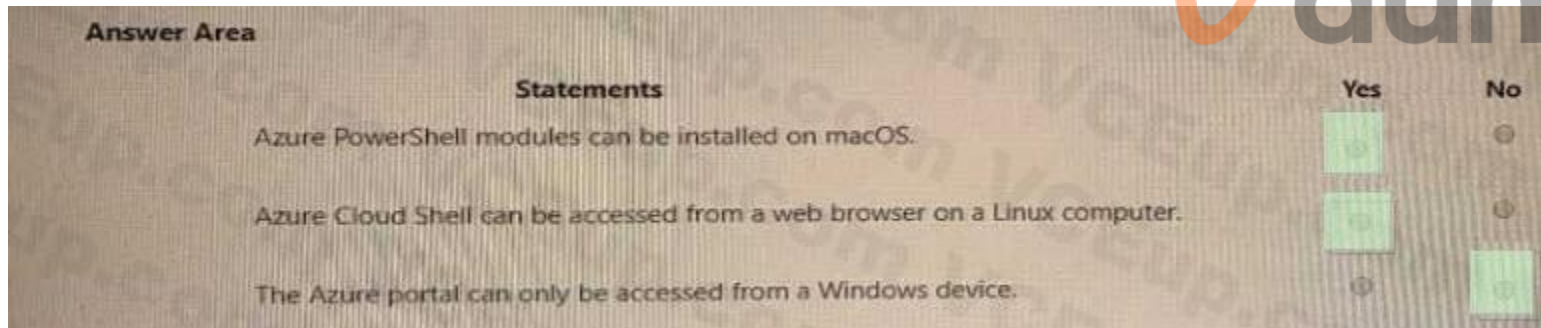
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area:



Section:

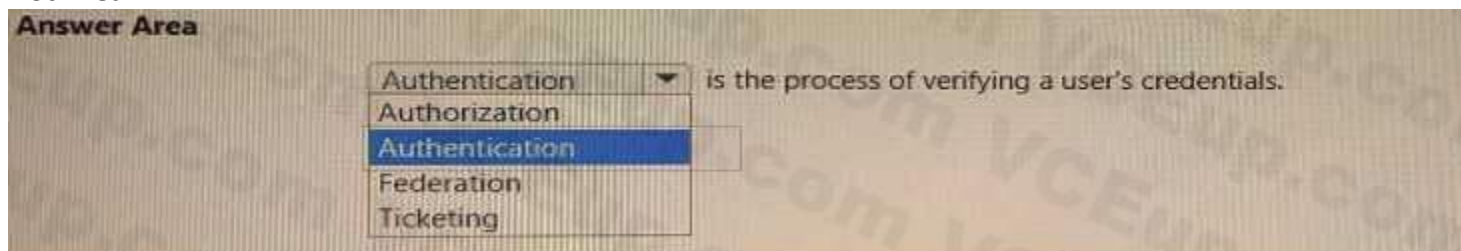
Explanation:

QUESTION 167

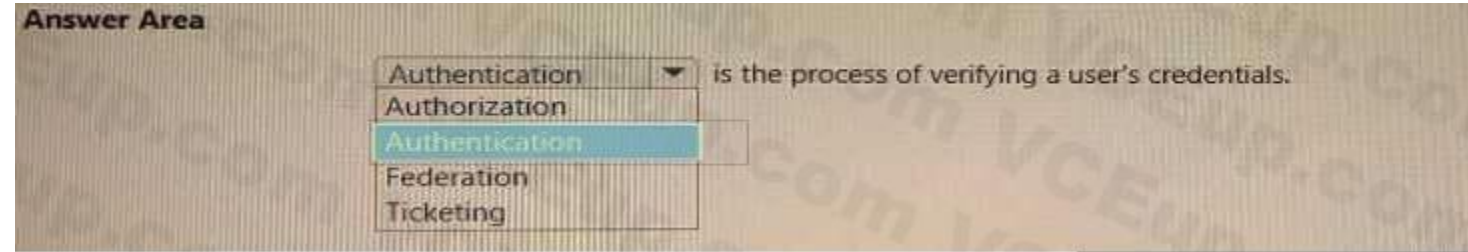
HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:



Answer Area:



Section:

Explanation:

QUESTION 168

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
ExpressRoute uses Border Gateway Protocol (BGP).	<input type="radio"/>	<input type="radio"/>
ExpressRoute uses the internet to connect an on-premises network to Azure.	<input type="radio"/>	<input type="radio"/>
You can configure multiple ExpressRoute circuits to connect an on-premises datacenter to Azure.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area

Statements	Yes	No
ExpressRoute uses Border Gateway Protocol (BGP).	<input checked="" type="radio"/>	<input type="radio"/>
ExpressRoute uses the internet to connect an on-premises network to Azure.	<input type="radio"/>	<input checked="" type="radio"/>
You can configure multiple ExpressRoute circuits to connect an on-premises datacenter to Azure.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

QUESTION 169

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

Correct Answer: A

Section:

QUESTION 170

What enables a cloud service to adapt quickly to changing requirements?

- A. high availability
- B. agility
- C. manageability
- D. predictability

Correct Answer: B

Section:

QUESTION 171

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

Correct Answer: B

Section:

QUESTION 172

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

Correct Answer: A

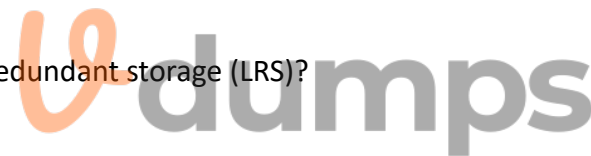
Section:

QUESTION 173

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:



Answer Area

You can view your company's regulatory compliance report from

- Microsoft Defender for Clo...
- Azure Advisor
- Azure Analysis Services
- Azure Monitor
- Microsoft Defender for Cloud

Answer Area:

Answer Area

You can view your company's regulatory compliance report from

- Microsoft Defender for Clo...
- Azure Advisor
- Azure Analysis Services
- Azure Monitor
- Microsoft Defender for Cloud



Section:
Explanation:

QUESTION 174

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

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

- hybrid
- hybrid
- multi-vendor
- private
- public

cloud.

Answer Area:

Answer Area

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

hybrid cloud.

- hybrid
- multi-vendor
- private
- public

Section:
Explanation:

QUESTION 175

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Adding more RAM to a virtual machine is an example of Horizontal scaling.	<input type="radio"/>	<input type="radio"/>
Adding an additional virtual machine based upon demand is an example of Vertical scaling.	<input type="radio"/>	<input type="radio"/>
Horizontal scaling can occur automatically or manually.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area

Statements	Yes	No
Adding more RAM to a virtual machine is an example of Horizontal scaling.	<input checked="" type="radio"/>	<input type="radio"/>
Adding an additional virtual machine based upon demand is an example of Vertical scaling.	<input checked="" type="radio"/>	<input type="radio"/>
Horizontal scaling can occur automatically or manually.	<input checked="" type="radio"/>	<input type="radio"/>

Section:
Explanation:

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.

Hot Area:

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 Area:

Answer Area

Statements	Yes	No
You can deploy Azure Resource Manager (ARM) templates by using the Azure portal.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Resource Manager (ARM) templates can define infrastructure by using code.	<input checked="" type="radio"/>	<input type="radio"/>
Each Azure resource to be deployed requires a separate Azure Resource Manager (ARM) template.	<input type="radio"/>	<input checked="" type="radio"/>

Section:

Explanation:

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.

Hot Area:

Answer Area

Statements	Yes	No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>
Azure SQL Database is an example of platform as a service (PaaS).	<input type="radio"/>	<input type="radio"/>
Azure Cosmos DB is an example of software as a service (SaaS).	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area

Statements	Yes	No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL Database is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>
Azure Cosmos DB is an example of software as a service (SaaS).	<input type="radio"/>	<input checked="" type="radio"/>

Section:

Explanation:

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.

Hot Area:

Answer Area

Statements	Yes	No
Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.	<input type="radio"/>	<input type="radio"/>
Cloud computing provides the same configuration options as on-premises deployments.	<input type="radio"/>	<input type="radio"/>
Cloud computing can scale when a business requires change.	<input type="radio"/>	<input type="radio"/>

Answer Area:



Answer Area

Statements

Cloud computing offers lower capital expenditure (CapEx) costs than on-premises deployments.

Yes

No

Cloud computing provides the same configuration options as on-premises deployments.

Cloud computing can scale when a business requires change.

Section:

Explanation:

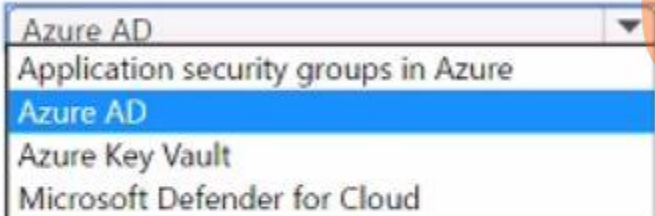
QUESTION 179

HOTSPOT

Select the answer that correctly completes the sentence.

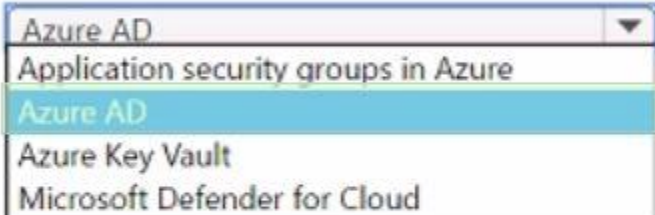
Hot Area:

Answer Area

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

Answer Area:

Answer Area

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

Section:

Explanation:

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.

Hot Area:

Answer Area

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

Answer Area:

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 type="radio"/>	<input checked="" type="radio"/>
From Microsoft Defender for Cloud, you can download a Regulatory Compliance report.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

QUESTION 181

HOTSPOT

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

Hot Area:

Answer Area

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

- The virtual machines can be moved to the 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 and newer.

Answer Area:

Answer Area

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

- The virtual machines can be moved to the 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 and newer.



Section:

Explanation:

QUESTION 182

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure virtual networks deployed to the same Azure region are connected by default.	<input type="radio"/>	<input type="radio"/>
Virtual networks created in the same resource group must have unique names.	<input type="radio"/>	<input type="radio"/>
The Azure virtual network's address space must be unique within a subscription.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area

Statements

Azure virtual networks deployed to the same Azure region are connected by default.

Yes

No

Virtual networks created in the same resource group must have unique names.

The Azure virtual network's address space must be unique within a subscription.

Section:

Explanation:

QUESTION 183

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

- Azure Virtual Desktop
- An availability set**
- Azure Spot Virtual Machines
- Azure Virtual Desktop
- Azure Virtual Machine Scale Sets

_____ is a desktop and application virtualization service that enables the use of a cloud-hosted version of Windows from any location.

Answer Area:

Answer Area

- Azure Virtual Desktop
- An availability set**
- Azure Spot Virtual Machines
- Azure Virtual Desktop
- Azure Virtual Machine Scale Sets

_____ is a desktop and application virtualization service that enables the use of a cloud-hosted version of Windows from any location.

Section:

Explanation:

QUESTION 184

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

An Availability Zone in Azure has physically separate locations

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

Answer Area:

Answer Area

An Availability Zone in Azure has physically separate locations

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

Section:

Explanation:

QUESTION 185

HOTSPOT

Select the answer that correctly completes the sentence.



Hot Area:

Answer Area

The Cool access tier is optimized

- for data that is accessed infrequently and stored for at least 30 days.
- for data that is accessed infrequently and stored for at least 30 days.
- for data that is accessed rarely, is stored for at least 180 days, and has flexible latency requirements.
- for storing data that is accessed frequently.

Answer Area:

Answer Area

The Cool access tier is optimized

- for data that is accessed infrequently and stored for at least 30 days.
- for data that is accessed infrequently and stored for at least 30 days.
- for data that is accessed rarely, is stored for at least 180 days, and has flexible latency requirements.
- for storing data that is accessed frequently.

Section:

Explanation:

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.

Hot Area:

Answer Area

Statements	Yes	No
You can only manage cloud services from Windows devices.	<input type="radio"/>	<input type="radio"/>
You can manage cloud services from the command line.	<input type="radio"/>	<input type="radio"/>
You can manage cloud services by using a web browser.	<input type="radio"/>	<input type="radio"/>

Answer Area:

Answer Area

Statements	Yes	No
You can only manage cloud services from Windows devices.	<input type="radio"/>	<input checked="" type="radio"/>
You can manage cloud services from the command line.	<input checked="" type="radio"/>	<input type="radio"/>
You can manage cloud services by using a web browser.	<input checked="" type="radio"/>	<input type="radio"/>

Section:

Explanation:

QUESTION 187

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

Azure Spot virtual machine instances
Azure Container Instances
Azure Reserved Virtual Machine Instances
Azure Spot virtual machine instances
Azure virtual machine scale sets

provide access to unused Azure compute capacity at deep discounts.

Answer Area:

Answer Area

Azure Spot virtual machine instances
Azure Container Instances
Azure Reserved Virtual Machine Instances
Azure Spot virtual machine instances
Azure virtual machine scale sets

provide access to unused Azure compute capacity at deep discounts.

Section:

Explanation:

QUESTION 188

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

Azure status
Azure Monitor
Azure Resource Health
Azure Service Health
Azure status

provides a health overview of Azure services and regions.

Answer Area:



Answer Area

Azure status
Azure Monitor
Azure Resource Health
Azure Service Health
Azure status

provides a health overview of Azure services and regions.

Section:

Explanation:

QUESTION 189

DRAG DROP

Match the term to the correct definition.

Instructions: To answer, drag the appropriate term from the column on the left to its description on the right. Each term may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.

Select and Place:

Answer Options

Azure Government
GDPR
ISO
NIST

Answer Area

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

Correct Answer:

Answer Options

Answer Area

ISO
NIST
GDPR
Azure Government

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

Section:

Explanation:

Box 1: ISO

ISO is the International Organization for Standardization. Companies can be certified to ISO standards, for example ISO 9001 or 27001 are commonly used in IT companies.

Box 2: NIST

The National Institute of Standards and Technology (NIST) is a physical sciences laboratory, and a non-regulatory agency of the United States Department of Commerce.

Box 3: GDPR

GDPR is the General Data Protection Regulations. This standard was adopted across Europe in May 2018 and replaces the now deprecated Data Protection Directive. The General Data Protection Regulation (EU) (GDPR) is a regulation in EU law on data protection and privacy in the European Union (EU) and the European Economic Area (EEA). It also addresses the transfer of personal data outside the EU and EEA areas. The GDPR aims primarily to give control to individuals over their personal data and to simplify the regulatory environment for international business by unifying the regulation within the EU.

Box 4: Azure Government

US government agencies or their partners interested in cloud services that meet government security and compliance requirements, can be confident that Microsoft Azure Government provides world-class security, protection, and compliance services. Azure Government delivers a dedicated cloud enabling government agencies and their partners to transform mission-critical workloads to the cloud. Azure Government services handle data that is subject to certain government regulations and requirements, such as FedRAMP, NIST 800.171 (DIB), ITAR, IRS 1075, DoD L4, and CJIS. In order to provide you with the highest level of security and compliance, Azure Government uses physically isolated datacenters and networks (located in U.S. only).

References:

https://en.wikipedia.org/wiki/National_Institute_of_Standards_and_Technology

https://en.wikipedia.org/wiki/General_Data_Protection_Regulation

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

QUESTION 190

DRAG DROP

Match the Azure Cloud Services benefit to the correct description.

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

NOTE: Each correct match is worth one point.

Select and Place:



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

Correct Answer:

Answer Options

Answer Area

A cloud service that remains available after a failure occurs

Fault tolerance

A cloud service that can be recovered after a failure occurs

Disaster recovery

A cloud service that performs quickly when it increases

Dynamic scalability

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

Low latency

Section:

Explanation:

Box 1:

Fault tolerance is the ability of a service to remain available after a failure of one of the components of the service. For example, a service running on multiple servers can withstand the failure of one of the servers.

Box 2:

Disaster recovery is the recovery of a service after a failure. For example, restoring a virtual machine from backup after a virtual machine failure.

Box 3:

Dynamic scalability is the ability for compute resources to be added to a service when the service is under heavy load. For example, in a virtual machine scale set, additional instances of the virtual machine are added when the existing virtual machines are under heavy load.

Box 4:

Latency is the time a service to respond to requests. For example, the time it takes for a web page to be returned from a web server. Low latency means low response time which means a quicker response.

References:

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

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

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

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

QUESTION 191

DRAG DROP

Match the Azure compute services to the appropriate descriptions.

To answer, drag the appropriate compute 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:

Compute services

- Azure App Service
- Azure Container Instances
- Azure Functions
- Azure Virtual Machine Scale Sets

Answer Area

-
-

Correct Answer:

Compute services

-
- Azure Container Instances
-
- Azure Virtual Machine Scale Sets

Answer Area

- Azure App Service
- Azure Functions

Section:

Explanation:

QUESTION 192

DRAG DROP

Match the Azure services 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.

Select and Place:

Services

- ExpressRoute
- Virtual network peering
- VPN gateway

Correct Answer:

Services

-
-
-

Section:

Explanation:

Answer Area

- Extends on-premises networks to the Microsoft cloud via a private connection:
- Combines two or more Azure virtual networks into a single logical virtual network:
- Provides an encrypted connection from on-premises networks to Azure via a public network:

Answer Area

- Extends on-premises networks to the Microsoft cloud via a private connection: ExpressRoute
- Combines two or more Azure virtual networks into a single logical virtual network: Virtual network peering
- Provides an encrypted connection from on-premises networks to Azure via a public network: VPN gateway

