



Microsoft Azure Fundamentals

Microsoft AZ-900

Total Questions: 221

<https://dumpsarena.com>

sales@dumpsarena.com

dumpsarena.com

QUESTION NO: 1

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

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

ANSWER: A**Explanation:**

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

The SLA for Virtual Machines states:

- For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.
- For all Virtual Machines that have two or more instances deployed in the same Availability Set or in the same Dedicated Host Group, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.
- For any Single Instance Virtual Machine using Premium SSD or Ultra Disk for all Operating System Disks and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 99.9%.

References:

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

QUESTION NO: 2

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

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

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

From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS --generate-ssh-keys

You need to create VM1 in Subscription! by using the command.

Solution: From the Azure portal, launch Azure Cloud Shell and select Bash. Run the command in Cloud Shell. Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 3

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

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

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

A. No change is needed

B. infrastructure as a service (IaaS)

C. serverless

D. software as a service (SaaS)

ANSWER: A

Explanation:

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

References:

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

QUESTION NO: 4

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

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

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment. What should you include in the recommendation?

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

ANSWER: A**QUESTION NO: 5**

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

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

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed. Does this meet the goal?

- A. Yes
- B. No

ANSWER: A**Explanation:**

Understand Core Azure Services

QUESTION NO: 6 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

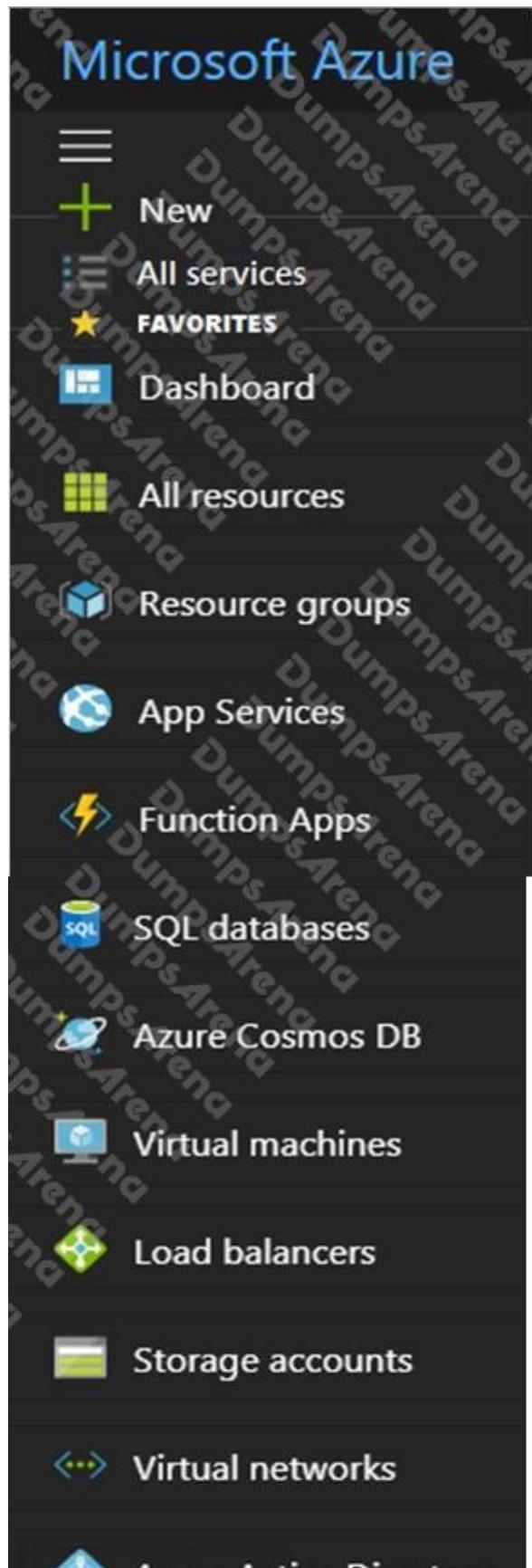
Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input type="radio"/>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

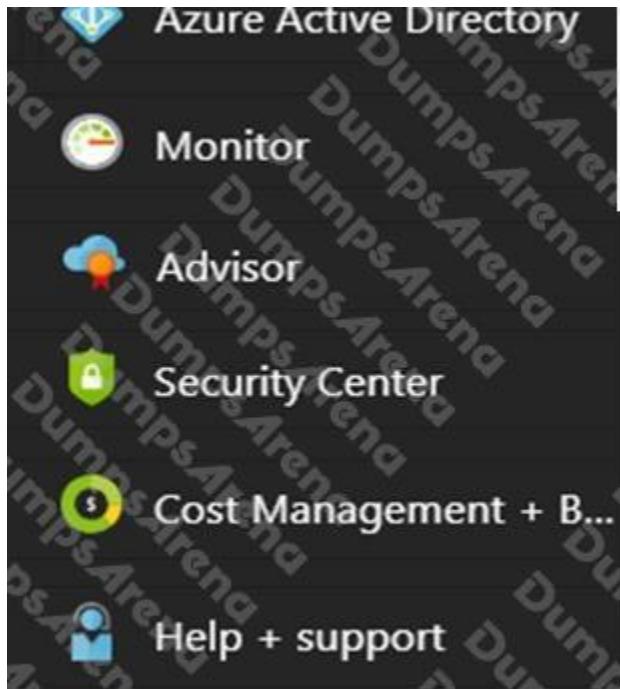
Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input type="radio"/>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

QUESTION NO: 7 - (HOTSPOT)

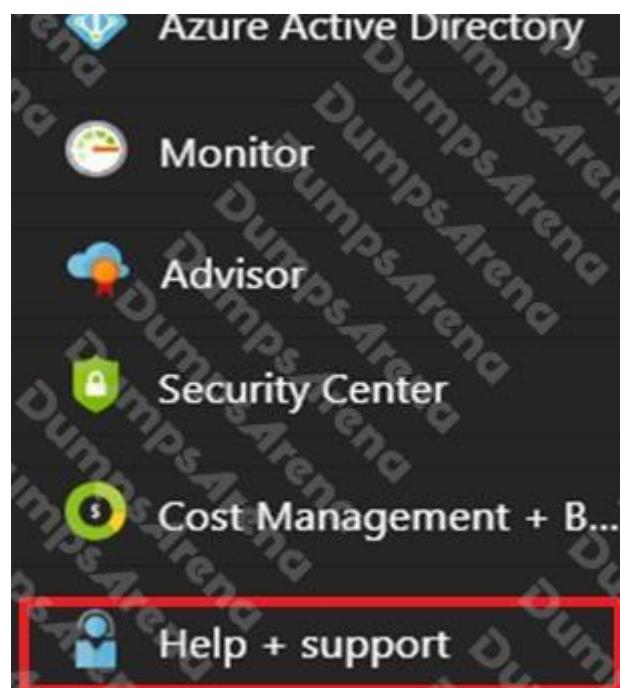
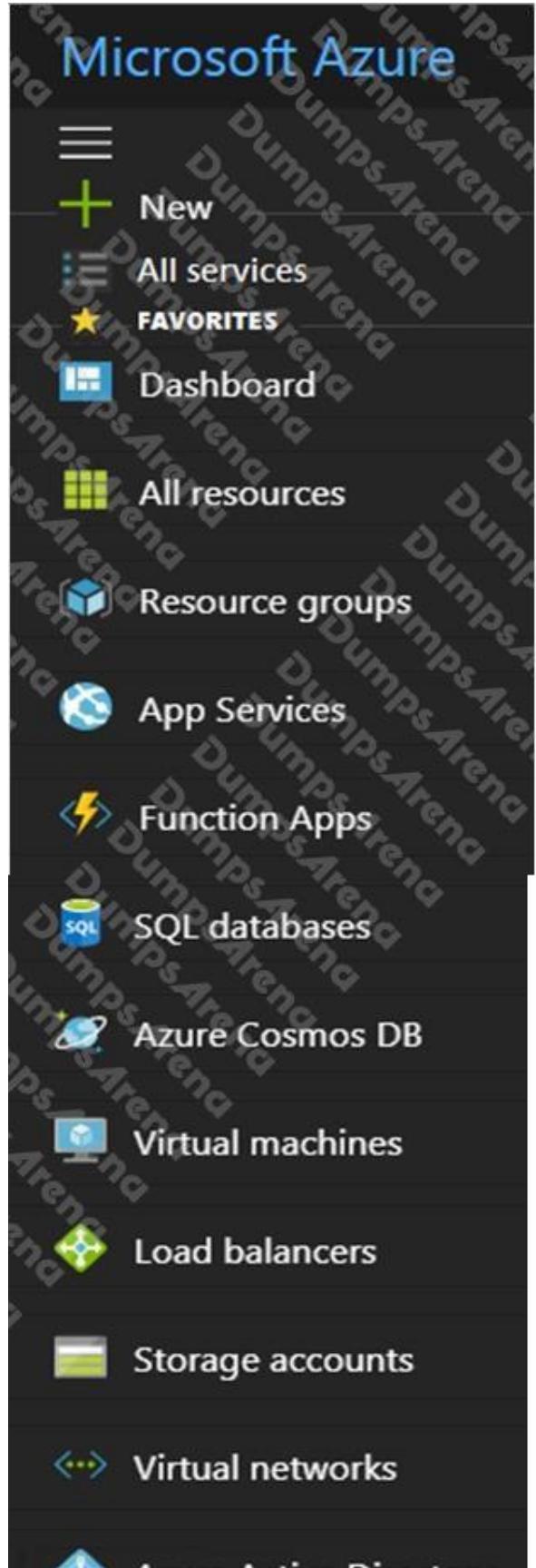
You need to request that Microsoft increase a subscription quota limit for your company.

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





ANSWER:



Explanation:

Request a standard quota increase from Help + support

References:

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

QUESTION NO: 8 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

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

References:

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

QUESTION NO: 9 - (HOTSPOT)

You need to identify which blades in the Azure portal must be used to perform the following tasks: ➤ View security recommendations.

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

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

NOTE: Each correct selection is worth one point.

Answer Area

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



ANSWER:

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



QUESTION NO: 10 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 11

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

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

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

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

ANSWER: C

QUESTION NO: 12 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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

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

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

ANSWER:

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

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

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

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

Explanation:

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

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

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

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

Box 1: No

Resource groups are logical containers for Azure resources. You do not pay for resource groups. Box 2: Yes

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

Box 3: No

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

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 NO: 13

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

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

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

ANSWER: D

QUESTION NO: 14

To what should an application connect to retrieve security tokens?

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

ANSWER: B**Explanation:**

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 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.

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource inherits locks from its resource group.	<input 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 type="radio"/>	<input checked="" type="radio"/>

ANSWER:

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"/>

Explanation:

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"/>

References:

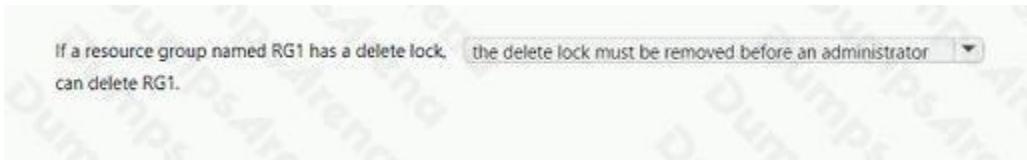
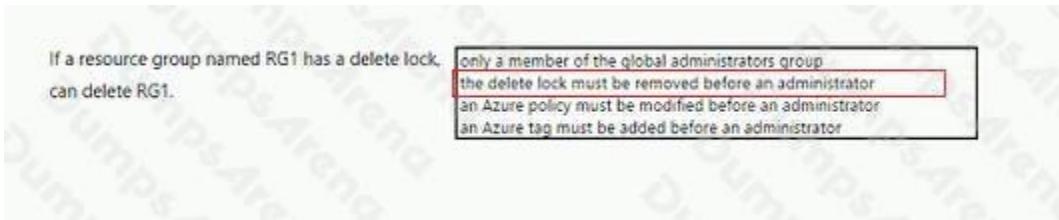
<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources>

QUESTION NO: 16 - (HOTSPOT)

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

If a resource group named RG1 has a delete lock, only a member of the global administrators group
the delete lock must be removed before an administrator
an Azure policy must be modified before an administrator
an Azure tag must be added before an administrator can delete RG1.

ANSWER:



QUESTION NO: 17

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

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

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

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

You need to deploy an Azure environment that supports the planned migration. Solution: You create an Azure App Service and Azure Storage accounts.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 18

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

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

What should you include in the recommendation?

A. software as a service (SaaS)

B. platform as a service (PaaS)

C. infrastructure as a service (IaaS)

D. database as a service (DaaS)

ANSWER: B

QUESTION NO: 19

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

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

You need to recommend a solution to minimize the impact on users after the planned migration. What should you recommend?

A. Implement Azure Multi-Factor Authentication (MFA)

B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)

C. Instruct all users to change their password

D. Create a guest user account in Azure Active Directory (Azure AD) for each user

ANSWER: B

Explanation:

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 20 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

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

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

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

 ANSWER:**Statements****Yes****No**

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

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

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

QUESTION NO: 21

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

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

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

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

ANSWER: C

QUESTION NO: 22

You plan to deploy several Azure virtual machines.

You need to control the ports that devices on the internet can use to access the virtual machines. What should you use?

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

ANSWER: D

Explanation:

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

QUESTION NO: 23

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

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

You plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to two or more resource groups. Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 24

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

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

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

A. No change is needed.

B. the Azure portal

C. the Knowledge Center

D. the Security & Compliance admin center

ANSWER: B

Explanation:

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

References:

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

QUESTION NO: 25 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

Yes NO NO

QUESTION NO: 26 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 27 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

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

Box 1: Yes

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

Box 2: Yes

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

Box 3: Yes

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

References:

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

QUESTION NO: 28 - (HOTSPOT)

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

Data that is stored in the Archive access tier of an Azure Storage account can be accessed at any time by using azcopy.exe.
can only be read by using Azure Backup.
must be restored before the data can be accessed.
must be rehydrated before the data can be accessed.

ANSWER:

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.

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

can be accessed at any time by using azcopy.exe.

QUESTION NO: 29

You have an on-premises application that sends email notifications automatically based on a rule.

You plan to migrate the application to Azure.

You need to recommend a serverless computing solution for the application. What should you include in the recommendation?

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

ANSWER: A

Explanation:

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

QUESTION NO: 30

Your company has an Azure subscription that contains the following unused resources:
► 20 user accounts in Azure Active Directory (Azure AD)

- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces

You need to reduce the Azure costs for the company. Solution: You remove the unused network interfaces. Does this meet the goal?

- A. Yes

B. No

ANSWER: B**Explanation:**

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

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reco>

QUESTION NO: 31

What is required to use Azure Cost Management?

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

ANSWER: C**Explanation:**

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

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

References:

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

QUESTION NO: 32

Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

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

ANSWER: C D

Explanation:

Understand Security, Privacy, Compliance and Trust

References:

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

QUESTION NO: 33 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements

Yes No

From Azure Service Health, an administrator can view the health of all the services deployed to an Azure environment and all the other services available in Azure.

From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.

From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.

ANSWER:

Statements

Yes No

From Azure Service Health, an administrator can view the health of all the services deployed to an Azure environment and all the other services available in Azure.

From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.

From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.

QUESTION NO: 34

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

Which Azure service should you use?

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

ANSWER: D

Explanation:

Understand Security, Privacy, Compliance and Trust

References:

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

QUESTION NO: 35

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

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

Your company has an Azure subscription that contains the following unused resources:

- * 20 user accounts in Azure Active Directory (Azure AD)
- * Five groups in Azure AD
- * 10 public IP addresses
- * 10 network interfaces
- * You need to reduce the Azure costs for the company. Solution: You remove the unused user accounts.

Does this meet the goal?

- A. Yes
- B. No

ANSWER: B

Explanation:

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

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reco>

QUESTION NO: 36

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

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

You have an Azure environment. You need to create a new Azure virtual machine from an Android laptop. Solution: You use PowerShell in Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

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

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

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

References:

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

QUESTION NO: 37

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

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

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

- A. No change is needed.
- B. 6 months
- C. 90 days
- D. 30 days

ANSWER: A**QUESTION NO: 38**

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

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

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement. Solution: Recommend a Basic support plan.

Does this meet the goal?

- A. Yes
- B. No

ANSWER: B**Explanation:**

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

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

References:

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

QUESTION NO: 39 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

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

References:

<https://azure.microsoft.com/en-us/free/> [https://azure.microsoft.com/en-us/free/account-faq/](https://azure.microsoft.com/en-us/free-account-faq/)

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

QUESTION NO: 40

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

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

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

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

ANSWER: A

QUESTION NO: 41 - (HOTSPOT)

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

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

Microsoft will refund your bank account.

migrate the resource to another subscription.

credit your Azure account.

send you a coupon code that you can redeem for Azure credits.

ANSWER:

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

Microsoft will refund your bank account.

migrate the resource to another subscription.

credit your Azure account.

send you a coupon code that you can redeem for Azure credits.

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

Microsoft will credit your Azure account.

QUESTION NO: 42 - (HOTSPOT)

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

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

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

ANSWER:

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

The virtual machines cannot be moved to the new subscription.

The virtual machines can be moved to the new subscription.

The virtual machines can be moved to the new subscription only if they are all in the same resource group.

The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

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

The virtual machines can be moved to the new subscription.

QUESTION NO: 43 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements

Yes

No

If your company uses an Azure free account, you will only be exposed to a subset of Azure services.

All Azure free accounts expire after a specific period.

You can create up to 10 Azure free accounts by using the same Microsoft account.

ANSWER:

Statements

Yes

No

If your company uses an Azure free account, you will only be exposed to a subset of Azure services.

All Azure free accounts expire after a specific period.

You can create up to 10 Azure free accounts by using the same Microsoft account.

QUESTION NO: 44 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

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

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

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

ANSWER:**Statements****Yes****No**

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

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

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

Explanation:

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

Understand Core Azure Services

QUESTION NO: 45 - (HOTSPOT)

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

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

ANSWER:

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

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

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

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

Explanation:

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

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

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

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

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 NO: 46

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

- A. Premier and Professional Direct only
- B. Premier, Professional Direct, and Standard only

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

ANSWER: C**Explanation:**

You can open support cases in the following plans: Premier, Professional Direct, Standard, and Developer only.

You cannot open support cases in the Basic support plan.

References:

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

QUESTION NO: 47 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 48 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Answer Area

Azure virtual machines:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

ANSWER:

Answer Area

Azure virtual machines:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

QUESTION NO: 49 - (HOTSPOT)

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

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input type="radio"/>

ANSWER:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input type="radio"/>	<input checked="" type="checkbox"/>
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input checked="" type="checkbox"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input checked="" type="checkbox"/>

QUESTION NO: 50

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

The Azure Standard support plan is the lowest cost option to receive 24x7 access to support engineers by phone.

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

- A. No change is needed
- B. Developer
- C. Basic
- D. Professional Direct

ANSWER: C

Explanation:

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

References:

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

QUESTION NO: 51

Your company has 10 departments.

The company plans to implement an Azure environment.

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

What should you create for each department?

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

ANSWER: B

Explanation:

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

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

QUESTION NO: 52

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

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

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

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

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

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

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

Does this meet the goal?

- A. Yes
- B. No

ANSWER: B

QUESTION NO: 53 - (HOTSPOT)

You plan to implement an Azure database solution.

You need to implement a database solution that meets the following requirements:

- Can add data concurrently from multiple regions

➤ Can store JSON documents

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

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

ANSWER:

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

Explanation:

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

Understand Core Azure Services

References:

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

QUESTION NO: 54 - (HOTSPOT)

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

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

Azure Bastion
 Azure Firewall
 Azure Front Door
 Azure Security Center

ANSWER:

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

Azure Bastion
 Azure Firewall
 Azure Front Door
 Azure Security Center

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

Azure Security Center ▾

QUESTION NO: 55 - (HOTSPOT)

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

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

ANSWER:

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

QUESTION NO: 56

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

The company currently has a Basic support plan.

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

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

ANSWER: A

Explanation:

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

References:

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

QUESTION NO: 57

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

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

What should you recommend?

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

ANSWER: C

QUESTION NO: 58

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

You need to recommend a cloud deployment solution for all the applications. What should you recommend?

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

ANSWER: C

Explanation:

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

QUESTION NO: 59 - (DRAG DROP)

Match the Azure service to the correct description.

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

NOTE: Each correct selection is worth one point.

Answer Options

Azure Machine Learning

Azure IoT Hub

Azure AI bot

Azure Functions

Answer Area

Provides a digital online assistant that provides speech support

Uses past trainings to provide predictions that have high probability

Provides serverless computing functionalities

Processes data from millions of sensors

ANSWER:**Answer Options**

Azure Machine Learning

Azure IoT Hub

Azure AI bot

Azure Functions

Answer Area

Azure AI bot

Azure Machine Learning

Azure Functions

Azure IoT Hub

Provides a digital online assistant that provides speech support

Uses past trainings to provide predictions that have high probability

Provides serverless computing functionalities

Processes data from millions of sensors

Explanation:**Answer Area**

Azure AI bot

Provides a digital online assistant that provides speech support

Azure Machine Learning

Uses past trainings to provide predictions that have high probability

Azure Functions

Provides serverless computing functionalities

Azure IoT Hub

Processes data from millions of sensors

Understand Core Azure Services**QUESTION NO: 60 - (HOTSPOT)**

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 61

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

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

You have an Azure environment.

You need to create a new Azure virtual machine from an Android laptop. Solution: You use the PowerApps portal.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

Explanation:

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

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

References:

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

QUESTION NO: 62 - (HOTSPOT)

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

Hot Area:

Answer Area

Azure virtual machines:

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

Azure SQL databases:

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

ANSWER:

Answer Area

Azure virtual machines:

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

Azure SQL databases:

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

QUESTION NO: 63

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

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

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

You plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to two or more availability zones. Does this meet the goal?

A. Yes

B. No

ANSWER: A**QUESTION NO: 64 - (HOTSPOT)**

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 65

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

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

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

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

ANSWER: B

Explanation:

You can move a VM and its associated resources to a different subscription by using the Azure portal.

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

References:

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

QUESTION NO: 66

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

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

What should you include in the recommendation?

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

ANSWER: A**QUESTION NO: 67**

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

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

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

From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS --generate-ssh-keys

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

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

Does this meet the goal?

A. Yes

B. No

ANSWER: B**QUESTION NO: 68 - (HOTSPOT)**

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

NOTE: Each correct selection is worth one point.

Statements

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

Yes**No**

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:

Statements**Yes No**

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

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

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

QUESTION NO: 69

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

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

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

- A. No change is needed.
- B. the delete lock must be removed before an administrator
- C. an Azure policy must be modified before an administrator
- D. an Azure tag must be added before an administrator

ANSWER: B

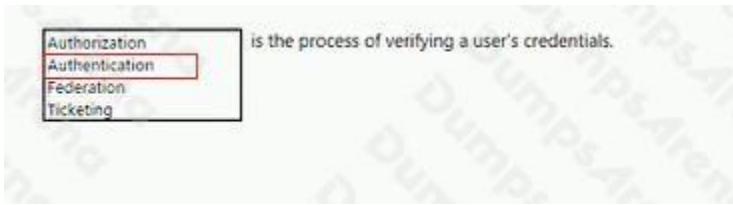
QUESTION NO: 70 - (HOTSPOT)

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

Authorization
 Authentication
 Federation
 Ticketing

is the process of verifying a user's credentials.

ANSWER:



QUESTION NO: 71

Your company plans to deploy an Artificial Intelligence (AI) solution in Azure.

What should the company use to build, test, and deploy predictive analytics solutions?

- A. Azure Logic Apps
- B. Azure Machine Learning Studio
- C. Azure Batch
- D. Azure Cosmos DB

ANSWER: B

Explanation:

Understand Core Azure Services

QUESTION NO: 72

You have a resource group named RG1.

You plan to create virtual networks and app services in RG1. You need to prevent the creation of virtual machines only in RG1. What should you use?

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

ANSWER: D

Explanation:

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

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

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

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

References:

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

QUESTION NO: 73

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

- A. Microsoft provides mainstream support for a service for five years.
- B. Microsoft provides a minimum of 12 months' notice before ending support for a service.
- C. After a service is made generally available, Microsoft provides support for the service for a minimum of four years.
- D. When a service is retired, you can purchase extended support for the service for up to five years.

ANSWER: B

Explanation:

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

References:

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

QUESTION NO: 74

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

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

- Backing up application data

- Replacing failed server hardware
- Managing physical server security
- Updating server operating systems
- Managing permissions to shared documents

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

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

Which two responsibilities should you identify? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

ANSWER: A C**QUESTION NO: 75 - (HOTSPOT)**

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

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

All Azure services in private preview must be accessed by using a separate Azure portal.

Azure services in public preview can be used in production environments.

Azure services in public preview are subject to a Service Level Agreement (SLA).

ANSWER:

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

QUESTION NO: 76 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

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

Box 1: Yes

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

Box 2: No

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

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

Box 3: No

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

References:

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

QUESTION NO: 77

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

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

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Linux and has the Azure CLI tools installed. Does this meet the goal?

A. Yes

B. No

ANSWER: B

Explanation:

Understand Core Azure Services

QUESTION NO: 78

Your company plans to move several servers to Azure.

The company's compliance policy states that a server named FinServer must be on a separate network segment.

You are evaluating which Azure services can be used to meet the compliance policy requirements. Which Azure solution should you recommend?

- A. a resource group for FinServer and another resource group for all the other servers
- B. a virtual network for FinServer and another virtual network for all the other servers
- C. a VPN for FinServer and a virtual network gateway for each other server
- D. one resource group for all the servers and a resource lock for FinServer

ANSWER: B

Explanation:

References:

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

QUESTION NO: 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.

Statements**Yes****No**

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

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

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

ANSWER:

Statements**Yes****No**

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

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

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

Statements**Yes****No**

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

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

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

Explanation:

Statements**Yes****No**

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

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

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

Box 1: No

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

Box 2: Yes

Box 3: Yes

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

References:

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

QUESTION NO: 80

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

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

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

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

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

ANSWER: A

QUESTION NO: 81

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

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

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

- A. No change is needed.
- B. the Microsoft Cloud Partner Portal
- C. Compliance Manager
- D. the Trust Center

ANSWER: C

Explanation:

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

References:

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

QUESTION NO: 82

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

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

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

- A. No change is needed
- B. Resource groups provide
- C. Azure Resource Manager provides
- D. Management groups provide

ANSWER: C

Explanation:

Understand Core Azure Services

QUESTION NO: 83

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

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

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

- A. No change is needed
- B. Deploy a VPN
- C. pay to transfer all the website data to Azure
- D. reduce the number of connections to the website

ANSWER: A

QUESTION NO: 84

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

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

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

- A. No change is needed.
- B. DDoS protection
- C. Azure Information Protection
- D. Azure Active Directory (Azure AD) Identity Protection

ANSWER: C**Explanation:**

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

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

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

References:

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

QUESTION NO: 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.

Answer Area**Statements****Yes****No**

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

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

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

ANSWER:**Statements****Yes****No**

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

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

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

QUESTION NO: 86

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

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

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

- A. No change is needed.
- B. Microsoft Online Services Terms
- C. Microsoft Online Service Level Agreement
- D. Online Subscription Agreement for Microsoft Azure

ANSWER: A**Explanation:**

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

References:

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

QUESTION NO: 87

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

Azure Site Recovery provides fault tolerance for virtual machines.

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

- A. No change is needed.
- B. disaster recovery
- C. elasticity
- D. high availability

ANSWER: A**Explanation:**

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

References:

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

QUESTION NO: 88

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

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

Your company has an Azure subscription that contains the following unused resources:

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

You need to reduce the Azure costs for the company. Solution: You remove the unused groups.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

Explanation:

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

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reco>

QUESTION NO: 89 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
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:

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"/>

Explanation:

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input 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"/>

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 NO: 90

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

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

You have an Azure environment.

You need to create a new Azure virtual machine from an Android laptop. Solution: You use Bash in Azure Cloud Shell.

Does this meet the goal?

A. Yes

B. No

ANSWER: B**QUESTION NO: 91**

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

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

You need to create the Azure resource that must be used to meet the policy requirement. What should you create?

A. a read-only lock

B. a reservation

C. an Azure policy

D. a management group

ANSWER: C**Explanation:**

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

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

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

References:

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

QUESTION NO: 92

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

You install the CLI on a computer.

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

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

NOTE: Each correct selection is worth one point.

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

ANSWER: A C

QUESTION NO: 93

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

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

ANSWER: B

QUESTION NO: 94

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. What are two possible solutions? Each correct answer presents a complete solution.

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

ANSWER: A B

QUESTION NO: 95

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

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

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

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

ANSWER: D

QUESTION NO: 96

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

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

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

- A. No change is needed
- B. the delete lock must be removed before an administrator can delete RG1.
- C. an Azure policy must be modified before an administrator can delete RG1.

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

ANSWER: B**QUESTION NO: 97 - (HOTSPOT)**

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

Answer Area

Statements	Yes	No
Azure Active Directory (Azure AD) 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"/>

Yes

No

ANSWER:**Answer Area**

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

Yes

No

QUESTION NO: 98 - (HOTSPOT)

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

Hot Area:

Answer Area

Azure virtual machines:

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

Azure SQL databases:

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

ANSWER:**Answer Area**

Azure virtual machines:

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

Azure SQL databases:

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

QUESTION NO: 99 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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

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

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

 ANSWER:

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.

 Explanation:

Statements**Yes No**

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

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

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

Understand Azure Pricing and Support

QUESTION NO: 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.

Statements**Yes****No**

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

Outbound data traffic from Azure to an on-premises network is always free.

Data traffic between Azure services within the same Azure region is always free.

 ANSWER:

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"/>

Explanation:

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 checked="" type="radio"/>
Data traffic between Azure services within the same Azure region is always free.	<input type="radio"/>	<input checked="" type="radio"/>

Box 1: Yes

With Azure ExpressRoute, all inbound data transfer is free of charge. Box 2: No

Inbound data traffic is free but outbound data traffic is not. Box 3: Yes

References:

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

QUESTION NO: 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.

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:

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"/>

QUESTION NO: 102 - (HOTSPOT)

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

Answer Area

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

ANSWER:

Answer Area

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

QUESTION NO: 103

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

- Secures websites from attacks
- Generates reports that contain details of attempted attacks What should you include in the solution?
 - A. Azure Firewall
 - B. a network security group (NSG)
 - C. Azure Information Protection
 - D. DDoS protection

ANSWER: D

Explanation:

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

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

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

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

References:

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

QUESTION NO: 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.

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:

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

QUESTION NO: 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.

Answer Area

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

ANSWER:

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

QUESTION NO: 106

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

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

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

- A. No change is needed
- B. Azure Event Hubs
- C. Azure Activity Log
- D. Azure Service Health

ANSWER: C

Explanation:

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

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

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

References:

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

QUESTION NO: 107

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

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

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

- A. No change is needed.
- B. Resource groups provide
- C. Azure Resource Manager provides
- D. Management groups provide

ANSWER: C**QUESTION NO: 108**

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

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

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

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

You need to deploy an Azure environment that supports the planned migration. Solution: You create an Azure App Service and Azure SQL databases.

Does this meet the goal?

- A. Yes
- B. No

ANSWER: A

QUESTION NO: 109

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

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

ANSWER: A

Explanation:

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

QUESTION NO: 110

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

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

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

- A. No change is needed.
- B. private preview
- C. development
- D. an Enterprise Agreement (EA) subscription

ANSWER: A

Explanation:

References:

<https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-preview/> Public Preview means that the service is in public beta and can be tried out by anyone with an Azure

subscription. Services in public preview are often offered at a discount price. Public previews are excluded from SLAs and in some cases, no support is offered.

QUESTION NO: 111 - (HOTSPOT)

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

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

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

NOTE: Each correct selection is worth one point.

Monitor threats by using sensors:

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:

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)

Explanation:

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)

Box 1:

To monitor threats by using sensors, you would use Azure Advanced Threat Protection (ATP).

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

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

Box 2:

To enforce MFA based on a condition, you would use Azure Active Directory Identity Protection.

Azure AD Identity Protection helps you manage the roll-out of Azure Multi-Factor Authentication (MFA) registration by configuring a Conditional Access policy to require MFA registration no matter what modern authentication app you are signing in to.

References:

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

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

QUESTION NO: 112

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

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

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

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

- D. access the Azure portal

ANSWER: B**Explanation:**

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

QUESTION NO: 113

Which service provides serverless computing in Azure?

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

ANSWER: A**QUESTION NO: 114 - (HOTSPOT)**

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

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

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

Computer1:

The Azure CLI and the Azure portal	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	

ANSWER:

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	

Explanation:

Computer1:

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

Computer2:

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

Computer3:

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

Understand Core Azure Services

References:

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

QUESTION NO: 115

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

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

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

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

NOTE: Each correct selection is worth one point.

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

ANSWER: D E**QUESTION NO: 116 - (HOTSPOT)**

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

NOTE: Each correct selection is worth one point.

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

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

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

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

ANSWER:

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

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

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

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

Explanation:

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

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

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

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

Box 1: No

Resource groups are logical containers for Azure resources. You do not pay for resource groups. Box 2: Yes

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

Box 3: No

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

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 NO: 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.

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.

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.

Transferring data between Azure Storage accounts in different Azure regions is free.

ANSWER:

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

Explanation:

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

Box 1: No

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

Box 2: No

You are charged for read and write operations in general-purpose v2 storage accounts. Box 3: No

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

References:

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

QUESTION NO: 118 - (HOTSPOT)

Match the Azure Cloud Services benefit to the correct description.

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

NOTE: Each correct match is worth one point.

Answer Options

Disaster recovery	Low latency
Fault tolerance	Dynamic scalability

Answer Area

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

ANSWER:**Answer Area**

A cloud service that remains available after it occurs

Fault tolerance

A cloud service that can be recovered after it occurs

Disaster recovery

A cloud service that performs quickly when it increases

Dynamic scalability

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

Low latency

QUESTION NO: 119

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

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

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

- A. No change is needed.
- B. only configurable from Azure CLI
- C. excluded from the Service Level Agreements
- D. only configurable from the Azure portal

ANSWER: C

Explanation:

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

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

References:

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

QUESTION NO: 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.

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

ANSWER:

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

Explanation:

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

Box 1: Yes

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

Box 2: No

Only two features: Continuous assessment and security recommendations, and Azure secure score, are free. Box 3: Yes

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

References:

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

QUESTION NO: 121 - (DRAG DROP)

Match the Azure service to the correct definition.

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

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

Box 1:

Azure Functions provides the platform for serverless code.

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

Box 2:

Azure Databricks is a big analysis service for machine learning.

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

Box 3:

Azure Application Insights detects and diagnoses anomalies in web apps.

Application Insights, a feature of Azure Monitor, is an extensible Application Performance Management (APM) service for developers and DevOps professionals. Use it to monitor your live applications. It will automatically detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app.

Box 4:

Azure App Service hosts web apps.

Azure App Service is an HTTP-based service for hosting web applications, REST APIs, and mobile back ends. You can develop in your favorite language, be it .NET, .NET Core, Java, Ruby, Node.js, PHP, or Python.

Applications run and scale with ease on both Windows and Linux-based environments.

References:

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

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

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

QUESTION NO: 122

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

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

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

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

ANSWER: C

Explanation:

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 123

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

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

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

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure. You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure virtual machines, Azure SQL databases, and Azure Storage accounts. Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

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

References:

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

QUESTION NO: 124 - (HOTSPOT)

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

From Azure Control IAM,
 Azure Event Hubs,
 Azure Activity Log,
 Azure Service Health,

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

ANSWER:

From Azure Control IAM,
 Azure Event Hubs,
 Azure Activity Log,
 Azure Service Health,

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

From: [Azure Activity Log](#) you can view which user turned off a specific virtual machine during the last 14 days.

QUESTION NO: 125

You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files. You need to recommend which Azure feature must be used to provide the best video playback experience. What should you recommend?

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

ANSWER: B

QUESTION NO: 126

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

NOTE: Each correct selection is worth one point.

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

ANSWER: D E

QUESTION NO: 127

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

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

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement. Solution: Recommend a Professional Direct support plan.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

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

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

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

References:

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

QUESTION NO: 128

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

What should you identify?

A. a physical server failure

B. an Azure region failure

C. a storage failure

D. an Azure data center failure

ANSWER: D

QUESTION NO: 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.

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

ANSWER:

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

Explanation:

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

Box 1: No

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

Box 2: Yes

Box 3: No

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

References:

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

QUESTION NO: 130

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

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

You have an Azure environment.

You need to create a new Azure virtual machine from an Android laptop. Solution: You use the Azure portal.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

The Azure portal is a web-based, unified console that provides an alternative to command-line tools. With the Azure portal, you can manage your Azure subscription using a graphical user interface. You can build,

manage, and monitor everything from simple web apps to complex cloud deployments. Create custom dashboards for an organized view of resources. Configure accessibility options for an optimal experience.

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

References:

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

QUESTION NO: 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.

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"/>

ANSWER:

Answer Area

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

Explanation:

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

Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.

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

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

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>
<https://microsoft.github.io/AzureTipsAndTricks/blog/tip173.html>

QUESTION NO: 132

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

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

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed. Does this meet the goal?

A. Yes

B. No

ANSWER: A**Explanation:**

Understand Core Azure Services

QUESTION NO: 133 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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

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

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

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

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

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

ANSWER:

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

QUESTION NO: 134

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

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

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

- A. No change is needed.
- B. Access control (IAM)
- C. Budget alerts
- D. Compliance

ANSWER: C**Explanation:**

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

References:

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

QUESTION NO: 135 - (DRAG DROP)

Match the Azure service to the correct description.

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

NOTE: Each correct match is worth one point.

Select and Place:

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

ANSWER:

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

Explanation:

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

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/apache-hadoop/introduction>

QUESTION NO: 136

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

Azure Databricks is an Apache Spark-based analytics service.

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

- A.** No change is needed.
- B.** Azure Data Factory
- C.** Azure DevOps
- D.** Azure HDInsight

ANSWER: A**Explanation:**

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

References:

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

QUESTION NO: 137 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements**Yes No**

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

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

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

 ANSWER:**Statements****Yes No**

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

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

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

 Explanation:

Statements**Yes No**

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

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

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

Understand Azure Pricing and Support

QUESTION NO: 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.

Answer Area**Statements****Yes****No**

Each Azure subscription can contain multiple account administrators.

Each Azure subscription can be managed by using a Microsoft account only.

An Azure resource group contains multiple Azure subscriptions.

ANSWER:**Statements****Yes****No**

Each Azure subscription can contain multiple account administrators.

Each Azure subscription can be managed by using a Microsoft account only.

An Azure resource group contains multiple Azure subscriptions.

QUESTION NO: 139

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

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

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify an Azure firewall.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 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.

Answer Area

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

ANSWER:

Answer Area

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

QUESTION NO: 141

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

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

You plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to two or more regions. Does this meet the goal?

A. Yes

B. No

ANSWER: B

QUESTION NO: 142

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

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

Your company has an Azure subscription that contains the following unused resources:

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

You need to reduce the Azure costs for the company. Solution: You remove the unused public IP addresses. Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

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

References:

<https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reco>

QUESTION NO: 143

Your company hosts an accounting named App1 that is used by all the customers of the company. App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.

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

A. high availability

B. high latency

C. elasticity

D. load balancing

ANSWER: C

QUESTION NO: 144 - (HOTSPOT)

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

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

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

NETWORKING (20)

Virtual networks	★	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:

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	★

QUESTION NO: 145

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

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

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

ANSWER: A

QUESTION NO: 146

Your company plans to deploy several million sensors that will upload data to Azure. You need to identify which Azure resources must be created to support the planned solution. Which two Azure resources should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point

- A. Azure Data Lake
- B. Azure Queue storage
- C. Azure File Storage
- D. Azure IoT Hub
- E. Azure Notification Hubs

ANSWER: A D

Explanation:

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

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

QUESTION NO: 147

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

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

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

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

- A. No change is needed.
- B. is moved automatically to another resource group
- C. continues to function normally
- D. is now a read-only object

ANSWER: C

Explanation:

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

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

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

References:

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

QUESTION NO: 148

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Which three computers can run the script? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

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

ANSWER: A B C

QUESTION NO: 149

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

What should you do to increase the limits?

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

ANSWER: D

Explanation:

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

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

References:

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

QUESTION NO: 150

Your company has several business units.

Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources.

You need to recommend a solution to automate the creation of the Azure resources. What should you include in the recommendations?

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

ANSWER: A

Explanation:

You can use Azure Resource Manager templates to automate the creation of the Azure resources. Deploying resources 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 NO: 151

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

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

ANSWER: D**Explanation:**

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

The regulatory compliance dashboard provides insight into your compliance posture for a set of supported standards and regulations, based on continuous assessments of your Azure environment.

In the Azure Security Center regulatory compliance blade, you can get an overview of key portions of your compliance posture with respect to a set of supported standards. Currently supported standards are Azure CIS, PCI DSS 3.2, ISO 27001, and SOC TSP.

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

References:

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

QUESTION NO: 152 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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

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

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

ANSWER:

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.

Explanation:

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

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

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

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

Box 1: No

Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes. Box 2: Yes

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

Public previews are excluded from SLAs and in some cases, no support is offered. Box 3: No

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

References:

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

QUESTION NO: 153 - (HOTSPOT)

You create a resource group named RG1 in Azure Resource Manager. You need to prevent the deletion of the resources in RG1.

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

 **RG1**
Resource group

Search (Ctrl + /) <<

-  Overview
-  Activity log
-  Access control (IAM)
-  Tags
-  Events

Settings

-  Quickstart
-  Resource costs
-  Deployments
-  Policies
-  Properties
-  Locks
-  Automation script

Monitoring

-  Insights(preview)
-  Alerts
-  Metrics
-  Diagnostic settings
-  Advisor recommendations

Support + troubleshooting

-  New support request

ANSWER:

Settings

-  Quickstart
-  Resource costs
-  Deployments
-  Policies
-  Properties
-  Locks
-  Automation script

Explanation:

Settings

-  Quickstart
-  Resource costs
-  Deployments
-  Policies
-  Properties
-  Locks
-  Automation script

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.

QUESTION NO: 154 - (HOTSPOT)

You plan to create an Azure virtual machine.

You need to identify which storage service must be used to store the data disks of the virtual machine. What should you identify? To answer, select the appropriate service in the answer area.



ANSWER:



QUESTION NO: 155

Your company plans to migrate all its network resources to Azure. You need to start the planning process by exploring Azure. What should you create first?

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

ANSWER: C**QUESTION NO: 156**

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

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

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

Solution: You deploy the virtual machines to two or more scale sets. Does this meet the goal?

- A. Yes
- B. No

ANSWER: B**QUESTION NO: 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.

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:

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

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

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

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

 Explanation:

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.

Understand Azure Pricing and Support

QUESTION NO: 158

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

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

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

From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS --generate-ssh-keys

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

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

Does this meet the goal?

A. Yes

B. No

ANSWER: A

QUESTION NO: 159 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

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

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

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

ANSWER:**Statements****Yes****No**

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

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

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

Explanation:

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"/>

Box 1: No

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

Box 2: No

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

Box 3: No

The question is rather vague as it would depend on the configuration of the host on the Internet. Windows Server does come with a VPN client and it also supports other encryption methods such IPSec encryption or SSL/TLS so it could encrypt the traffic if the Internet host was configured to require or accept the encryption. However, the VM could not encrypt the traffic to an Internet host that is not configured to require the encryption.

References:

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

QUESTION NO: 160 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 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.

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

ANSWER:

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

Explanation:

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

Box 1: No

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

Box 2: Yes

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

Box 3: No

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

References:

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

QUESTION NO: 162

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

You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription. You need to identify which expenditure model to use for the planned Azure solution. Which expenditure model should you identify?

A. operational

B. elastic

- C. capital
- D. scalable

ANSWER: A**QUESTION NO: 163**

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

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

An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell. Does this meet the goal?

- A. Yes
- B. No

ANSWER: B**Explanation:**

Understand Core Azure Services

QUESTION NO: 164

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

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

Your company plans to purchase Azure.

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

Solution: Recommend a Standard support plan. Does this meet the goal?

- A. Yes

B. No

ANSWER: A**Explanation:**

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

References:

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

QUESTION NO: 165 - (DRAG DROP)

Match the Azure service to the correct description.

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

NOTE: Each correct match is worth one point.

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

ANSWER:

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

QUESTION NO: 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.

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:

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

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

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

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

Explanation:

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

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

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

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

Box 1: Yes

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

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

Box 2: No

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

Box 3: No

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

QUESTION NO: 167 - (DRAG DROP)

Match the Azure service to the correct definition.

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

NOTE: Each correct match is worth one point.

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

ANSWER:

Answer Options	Answer Area
Azure Advisor	Azure DevOps
Azure Cognitive Services	Azure Advisor
Azure Application Insights	Azure Cognitive Services
Azure DevOps	Azure Application Insights

Explanation:

Answer Area

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

Understand Core Azure Services

QUESTION NO: 168 - (HOTSPOT)

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

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

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

ANSWER:

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.

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

be deployed to a separate virtual network.

QUESTION NO: 169 - (HOTSPOT)

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

Your company implements Azure policies
 DDoS protection
 Azure Information Protection
 Azure Active Directory (Azure AD) Identity Protection

to automatically add a watermark to

Microsoft Word documents that contain credit card information.

ANSWER:

Your company implements Azure policies
 DDoS protection
 Azure Information Protection
 Azure Active Directory (Azure AD) Identity Protection

to automatically add a watermark to

Microsoft Word documents that contain credit card information.

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

QUESTION NO: 170

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

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

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

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

ANSWER: A

QUESTION NO: 171

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

What should you create?

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

ANSWER: C**QUESTION NO: 172 - (HOTSPOT)**

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

The application will run on an Azure virtual machine.

You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent.

What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

ANSWER:

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

Explanation:

Minimum number of virtual machines:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

Minimum number of availability zones:

1	<input checked="" type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>

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 NO: 173 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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:

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.

Explanation:

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

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

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

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

Box 1: No

Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes. Box 2: Yes

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

Public previews are excluded from SLAs and in some cases, no support is offered. Box 3: No

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

References:

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

QUESTION NO: 174 - (DRAG DROP)

Match the Azure service to the correct description.

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

NOTE: Each correct match is worth one point.

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

ANSWER:

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

QUESTION NO: 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.

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

ANSWER:

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

QUESTION NO: 176

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

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

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

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

ANSWER: A**QUESTION NO: 177**

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

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

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

- A. No change is needed
- B. Developer
- C. Basic
- D. Premier

ANSWER: C**Explanation:**

A basic support plan provides:

- 24x7 access to billing and subscription support, online self-help, documentation, whitepapers, and support forums
- Best practices: Access to full set of Azure Advisor recommendations
- Health Status and Notifications: Access to personalized Service Health Dashboard & Health API

References:

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

QUESTION NO: 178

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

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

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

- A. No change is needed.
- B. automatically migrate the resource to another subscription
- C. automatically credit your account
- D. send you a coupon code that you can redeem for Azure credits

ANSWER: C

QUESTION NO: 179

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

You plan to migrate all the servers to Azure.

You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period.

What should you include in the recommendation?

- A. fault tolerance
- B. elasticity
- C. scalability
- D. low latency

ANSWER: A

QUESTION NO: 180 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
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:

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

QUESTION NO: 181

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

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

ANSWER: A

Explanation:

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

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

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

References:

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

QUESTION NO: 182

This question requires that you evaluate the underlined text to determine if it is correct. Authorization is the process of verifying a user's credentials.

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

- A. No change is needed.
- B. Authentication
- C. Federation
- D. Ticketing

ANSWER: B

Explanation:

Authentication, not authorization is the process of verifying a user's credentials. The difference between authentication and authorization is:

- Authentication is proving your identity, proving that you are who you say you are. The most common example of this is logging in to a system by providing credentials such as a username and password.
- Authorization is what you're allowed to do once you've been authenticated. For example, what resources you're allowed to access and what you can do with those resources.

QUESTION NO: 183 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

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

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

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

ANSWER:

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

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

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

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

QUESTION NO: 184

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

You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription. You need to identify which expenditure model to use for the planned Azure solution. Which expenditure model should you identify?

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

ANSWER: A**QUESTION NO: 185**

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

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

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify an Azure Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

ANSWER: B

Explanation:

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 186

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

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

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

- A. No change is needed.
- B. Access control (IAM)
- C. Budget alerts
- D. Compliance

ANSWER: C

Explanation:

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

References:

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

QUESTION NO: 187

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

You need to recommend a storage solution for the data.

Which two solutions should you recommend? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

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

ANSWER: C E**QUESTION NO: 188**

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

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

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

- A. No change is needed
- B. run a different operating system than the other virtual machines
- C. be deployed to a separate resource group
- D. have two network interfaces

ANSWER: A**QUESTION NO: 189**

You have an Azure environment that contains 10 virtual networks and 100 virtual machines.

You need to limit the amount of inbound traffic to all the Azure virtual networks. What should you create?

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

ANSWER: D

Explanation:

Understand Core Azure Services

QUESTION NO: 190 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 191

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

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

Your company plans to purchase Azure.

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

Solution: Recommend a Premier support plan. Does this meet the goal?

A. Yes

B. No

ANSWER: A**Explanation:**

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

References:

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

QUESTION NO: 192 - (HOTSPOT)

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

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

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

Statements**Yes No**

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

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

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

 ANSWER:**Statements****Yes No**

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

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

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

 Explanation:

Statements**Yes No**

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

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

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

Understand Core Azure Services

References:

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

QUESTION NO: 193

Your company plans to deploy several web servers and several database servers to Azure.

You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers.

What should you include in the recommendation?

- A. network security groups (NSGs)
- B. Azure Service Bus
- C. a local network gateway
- D. a route filter

ANSWER: A

Explanation:

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 194 - (DRAG DROP)

Match the term to the correct definition.

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

NOTE: Each correct match is worth one point.

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

ANSWER:

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

Explanation:

ISO

An organization that defines international standards across all industries.

NIST

An organization that defines standards used by the United States government.

GDPR

A European policy that regulates data privacy and data protection.

Azure Government

A dedicated public cloud for federal and state agencies in the United States.

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 195 - (HOTSPOT)

You plan to create an Azure virtual machine.

You need to identify which storage service must be used to store the data disks of the virtual machine. What should you identify? To answer, select the appropriate service in the answer area.

Answer Area

 **Blobs**
REST-based object storage for unstructured data
[Explore data using OAuth preview](#)
[Learn more](#)

 **Files**
File shares that use the standard SMB 3.0 protocol
[Learn more](#)

 **Tables**
Tabular data storage
[Learn more](#)

 **Queues**
Effectively scale apps according to traffic
[Explore data using OAuth preview](#)
[Learn more](#)

ANSWER:

Answer Area

 **Blobs**
REST-based object storage for unstructured data
[Explore data using OAuth preview](#)
[Learn more](#)

 **Files**
File shares that use the standard SMB 3.0 protocol
[Learn more](#)

 **Tables**
Tabular data storage
[Learn more](#)

 **Queues**
Effectively scale apps according to traffic
[Explore data using OAuth preview](#)
[Learn more](#)

Explanation:

Blobs
REST-based object storage for unstructured data
[Explore data using OAuth preview](#)
[Learn more](#)

Files
File shares that use the standard SMB 3.0 protocol
[Learn more](#)

Tables
Tabular data storage
[Learn more](#)

Queues
Effectively scale apps according to traffic
[Explore data using OAuth preview](#)
[Learn more](#)

References:

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

QUESTION NO: 196

What can Azure Information Protection encrypt?

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

ANSWER: B

Explanation:

Azure Information Protection can encrypt documents and emails.

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

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

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

References:

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

QUESTION NO: 197 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements

To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.

Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.

Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.

Yes No

Yes No

Yes No

ANSWER:

Statements

To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.

Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.

Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.

Yes No

Yes No

Yes No

Explanation:

Statements

To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.

Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.

Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.

Yes No

Yes No

Yes No

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 198

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

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

What should you include in the recommendation?

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

ANSWER: C

QUESTION NO: 199 - (HOTSPOT)

You need to manage Azure by using Azure Cloud Shell.

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



ANSWER:

Answer Area



QUESTION NO: 200 - (HOTSPOT)

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

Answer Area

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

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

QUESTION NO: 201 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	<input type="radio"/>	<input type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure 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:

Statements**Yes****No**

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

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

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

QUESTION NO: 202

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

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

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

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

ANSWER: A

QUESTION NO: 203 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

Explanation:

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

Azure AD join only applies to Windows 10 devices.

References:

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

QUESTION NO: 204 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

Statements**Yes No**

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

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

A company can store resources in multiple subscriptions.

 Explanation:**Statements****Yes No**

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

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

A company can store resources in multiple subscriptions.

QUESTION NO: 205 - (HOTSPOT)

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

NOTE: Each correct selection is worth one point.

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

ANSWER:

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

QUESTION NO: 206

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify a DDoS protection plan.

Does this meet the goal?

A. Yes

B. No

ANSWER: B**Explanation:**

Understand Security, Privacy, Compliance and Trust

QUESTION NO: 207 - (HOTSPOT)

How should you calculate the monthly uptime percentage? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Downtime in Minutes	▼	+	60	▼	x	100	▼
Maximum Available Minutes			1,440			99.99	
(Maximum Available Minutes – Downtime in Minutes)			Maximum Available Minutes			1.440	

ANSWER:

Downtime in Minutes	▼	+	60	▼	x	100	▼
Maximum Available Minutes			1,440			99.99	
(Maximum Available Minutes – Downtime in Minutes)			Maximum Available Minutes			1.440	

Explanation:

Downtime in Minutes	▼	+	60	▼	x	100	▼
Maximum Available Minutes			1,440			99.99	
(Maximum Available Minutes – Downtime in Minutes)			Maximum Available Minutes			1.440	

"Maximum Available Minutes" is the total accumulated minutes during a billing month .

"Downtime" is the total accumulated minutes that are part of Maximum Available Minutes where a system is unavailable.

"Monthly Uptime Percentage" for a service is calculated as Maximum Available Minutes less Downtime divided by Maximum Available Minutes x 100.

Monthly Uptime Percentage is represented by the following formula:

Monthly Uptime % = (Maximum Available Minutes-Downtime) / Maximum Available Minutes x 100.

References:

https://azure.microsoft.com/en-au/support/legal/sla/cloud-services/v1_0/

QUESTION NO: 208 - (HOTSPOT)

To complete the sentence, select the appropriate option in the answer area.

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign the Azure Policy definition of Not Allowed Resource Type and specify that virtual networks are not an allowed resource type in RG1. VNET1

is deleted automatically.
 is moved automatically to another resource group.
 continues to function normally.
 is now a read-only object.

ANSWER:

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign the Azure Policy definition of Not Allowed Resource Type and specify that virtual networks are not an allowed resource type in RG1. VNET1

is deleted automatically.
 is moved automatically to another resource group.
 continues to function normally.
 is now a read-only object.

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign the Azure Policy definition of Not Allowed Resource Type and specify that virtual networks are not an allowed resource type in RG1. VNET1

continues to function normally.

QUESTION NO: 209 - (HOTSPOT)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements**Yes****No**

Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.

If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.

To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.

ANSWER:**Statements****Yes****No**

Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.

If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.

To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.

Explanation:

Statements	Yes	No
------------	-----	----

Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.

If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.

To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.

Box 1: No

Azure Advisor does not generate a list of virtual machines that ARE protected by Azure Backup. Azure Advisor does however, generate a list of virtual that ARE NOT protected by Azure Backup. You can view a list of virtual machines that are protected by Azure Backup by viewing the Protected Items in the Azure Recovery Services Vault.

Box 2: No

If you implement the security recommendations, your company's score will increase, not decrease. Box 3: No

There is no requirement to implement the security recommendations provided by Azure Advisor. The recommendations are just that, 'recommendations'. They are not 'requirements'.

References:

<https://azure.microsoft.com/en-gb/blog/advisor-backup-recommendations/> <https://docs.microsoft.com/en-us/azure/advisor/advisor-overview> <https://microsoft.github.io/AzureTipsAndTricks/blog/tip173.html>

QUESTION NO: 210

This question requires that you evaluate the underlined text to determine if it is correct.

An Azure region contains one or more data centers that are connected by using a low-latency network.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

- A. No change is needed
- B. Is found in each country where Microsoft has a subsidiary office
- C. Can be found in every country in Europe and the Americas only
- D. Contains one or more data centers that are connect by using a high-latency network

ANSWER: A**QUESTION NO: 211**

This question requires that you evaluate the underlined text to determine if it is correct.

Azure Germany can be used by legal residents of Germany only.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- A. no change is needed
- B. only enterprises that are registered in Germany
- C. only enterprises that purchase their azure licenses from a partner based in Germany
- D. any user or enterprise that requires its data to reside in Germany

ANSWER: D**QUESTION NO: 212**

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.

Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

- A. Azure Service Fabric
- B. Azure Monitor
- C. Azure virtual machines
- D. Azure Advisor

ANSWER: B**QUESTION NO: 213**

Which Azure service should you use to store certificates?

- A. Azure Security Center
- B. an Azure Storage account

- C. Azure Key Vault
- D. Azure Information Protection

ANSWER: C

Explanation:

Azure Key Vault is a secure store for storage various types of sensitive information including passwords and certificates.

Azure Key Vault can be used to securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets.

Secrets and keys are safeguarded by Azure, using industry-standard algorithms, key lengths, and hardware security modules (HSMs). The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated.

Access to a key vault requires proper authentication and authorization before a caller (user or application) can get access. Authentication establishes the identity of the caller, while authorization determines the operations that they are allowed to perform.

References:

<https://docs.microsoft.com/en-us/azure/key-vault/key-vault-overview>

QUESTION NO: 214

You have an Azure web app.

You need to manage the settings of the web app from an iPhone.

What are two Azure management tools that you can use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

- A. Azure CLI
- B. the Azure portal
- C. Azure Cloud Shell
- D. Windows PowerShell
- E. Azure Storage Explorer

ANSWER: A C

QUESTION NO: 215 - (HOTSPOT)

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input type="radio"/>
Azure Reserved VM Instances are an example of OpEx.	<input type="radio"/>	<input type="radio"/>
Deploying your own datacenter is an example of CapEx.	<input type="radio"/>	<input type="radio"/>

ANSWER:

Answer Area

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input checked="" type="checkbox"/>
Azure Reserved VM Instances are an example of OpEx.	<input type="radio"/>	<input checked="" type="checkbox"/>
Deploying your own datacenter is an example of CapEx.	<input checked="" type="checkbox"/>	<input type="radio"/>

QUESTION NO: 216 - (HOTSPOT)

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="checkbox"/>	<input type="checkbox"/>
A company can extend the capacity of its internal network by using the public cloud.	<input type="checkbox"/>	<input type="checkbox"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="checkbox"/>	<input type="checkbox"/>

ANSWER:

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

QUESTION NO: 217 - (HOTSPOT)

You have an Azure environment that contains 10 web apps.

To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area**ANSWER:****Answer Area****QUESTION NO: 218 - (HOTSPOT)**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>
Two Azure subscriptions can be merged into a single subscription by creating a support request.	<input checked="" type="radio"/>	<input type="radio"/>
A company can store resources in multiple subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

ANSWER:

Statements	Yes	No
-------------------	------------	-----------

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription by creating a support request.

A company can store resources in multiple subscriptions.

Explanation:

Statements	Yes	No
-------------------	------------	-----------

A single Microsoft account can be used to manage multiple Azure subscriptions.

Two Azure subscriptions can be merged into a single subscription by creating a support request.

A company can store resources in multiple subscriptions.

Box 1: Yes

You can use the same account to manage multiple subscriptions. You can create an additional subscription for your account in the Azure portal. You may want an additional subscription to avoid hitting subscription limits, to create separate environments for security, or to isolate data for compliance reasons.

Box 2: No

You cannot merge two subscriptions into a single subscription. However, you can move some Azure resources from one subscription to another. You can also transfer ownership of a subscription and change the billing type for a subscription.

Box 3: Yes

A company can have multiple subscriptions and store resources in the different subscriptions. However, a resource instance can exist in only one subscription.

References:

<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>

QUESTION NO: 219

Which statement accurately describes the Modern Lifecycle Policy for Azure services?

- A. Microsoft provides mainstream support for a service for five years.
- B. Microsoft provides a minimum of 12 months' notice before ending support for a service.
- C. After a service is made generally available, Microsoft provides support for the service for a minimum of four years.
- D. When a service is retired, you can purchase extended support for the service for up to five years.

ANSWER: B

Explanation:

For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 months' notification prior to ending support if no successor product or service is offered—excluding free services or preview releases.

References:

<https://support.microsoft.com/en-us/help/30881/modern-lifecycle-policy>

QUESTION NO: 220 - (HOTSPOT)

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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:

Answer Area

Statements	Yes	No
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input checked="" type="checkbox"/>	<input type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input checked="" type="checkbox"/>	<input type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	<input type="radio"/>	<input checked="" type="checkbox"/>

QUESTION NO: 221

Your company plans to migrate all on-premises data to Azure. You need to identify whether Azure complies with the company's regional requirements.

What should you use?

- A. the Knowledge Center
- B. Azure Marketplace
- C. the Azure portal
- D. the Trust Center

ANSWER: D