

- Your company has an on-premises network with numerous servers, which they intend to migrate to Azure.

You have been tasked with devising a plan that allows for the availability of a few of the servers, in the event that one of the Azure data centers becomes unavailable for a lengthy interval.

Solution: You should include elasticity in your plan.

Does the solution meet the goal?

NO

- Your company has an on-premises network with numerous servers, which they intend to migrate to Azure.

You have been tasked with devising a plan that allows for the availability of a few of the servers, in the event that one of the Azure data centers becomes unavailable for a lengthy interval.

Solution: You should include scalability in your plan.

Does the solution meet the goal?

NO

- Your company has an on-premises network with numerous servers, which they intend to migrate to Azure.

You have been tasked with devising a plan that allows for the availability of a few of the servers, in the event that one of the Azure data centers becomes unavailable for a lengthy interval.

Solution: You should include fault tolerance in your plan.

Does the solution meet the goal?

Yes

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

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

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

Does the solution meet the goal?

NO

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

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

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

Does the solution meet the goal?

NO

- You are tasked with deploying Azure virtual machines for your company.
 You need to make use of the appropriate cloud deployment solution.
 Solution: You should make use of Infrastructure as a Service (IaaS).
 Does the solution meet the goal?
Yes
- Your company's on-premises network includes a large number of servers.
 They would like to make extra resources available to their users, while keeping capital and operational overheads to a minimum.
 You are required to make recommendations that should be included in the overall solution.
 Solution: You should endorse the use of an added data center as part of the solution.
 Does the solution meet the goal?
NO
- Your company's on-premises network includes a large number of servers.
 They would like to make extra resources available to their users, while keeping capital and operational overheads to a minimum.
 You are required to make recommendations that should be included in the overall solution.
 Solution: You should endorse the use of a hybrid cloud as part of the solution.
 Does the solution meet the goal?
NO
- Your company's on-premises network includes a large number of servers.
 They would like to make extra resources available to their users, while keeping capital and operational overheads to a minimum.
 You are required to make recommendations that should be included in the overall solution.
 Solution: You should endorse the use of a private cloud as part of the solution.
 Does the solution meet the goal?
YES

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

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

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

Does the solution meet the goal?

NO

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

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

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

Does the solution meet the goal?

YES

- You are required to deploy an Artificial Intelligence (AI) solution in Azure. You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Cosmos DB.

Does the solution meet the goal?

NO

- You are required to deploy an Artificial Intelligence (AI) solution in Azure. You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

Solution: You should make use of Azure Logic Apps.

Does the solution meet the goal?

NO

- You are required to deploy an Artificial Intelligence (AI) solution in Azure. You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.

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

Does the solution meet the goal?

YES

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

The resources required by each business unit are identical.

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

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

Does the solution meet the goal?

NO

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

The resources required by each business unit are identical.

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

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

Does the solution meet the goal?

NO

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

The resources required by each business unit are identical.

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

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

Does the solution meet the goal?

YES

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

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

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

Does the solution meet the goal?

NO

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

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

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

Does the solution meet the goal?

NO

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

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

Solution: You include two virtual machines and two availability zones in your strategy.
Does the solution meet the goal?

YES

- Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: you recommend the use of Microsoft Managed Desktop.

Does the solution meet the goal?

NO

- Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

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

Does the solution meet the goal?

NO

- Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed. You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

Solution: you recommend the use of **Azure DevTest Labs**.

Does the solution meet the goal?

YES

- Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1. The company has users that work remotely. The remote workers require access to the VMs on VNet1.

You need to provide access for the remote workers.

What should you do?

Configure a Point-to-Site (P2S) VPN.

- You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process. You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Information Protection.

Does the solution meet the goal?

NO

- You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.
You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

Solution: You recommend the use of Azure Key Vault.

Does the solution meet the goal?

YES

- You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.
You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.

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

Does the solution meet the goal?

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

- Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet. You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

Solution: You configure the use of Azure Key Vault.

Does the solution meet the goal?

NO

- Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet. You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

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

Does the solution meet the goal?

YES

- Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet. You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.

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

Does the solution meet the goal?

NO

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

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

Solution: You include the Azure Service Bus in your strategy.

Does the solution meet the goal?

NO

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

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

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

Does the solution meet the goal?

YES

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

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

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

Does the solution meet the goal?

NO

- Your company's Active Directory forest includes thousands of user accounts. You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired. You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

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

Does the solution meet the goal?

YES

- Your company's Active Directory forest includes thousands of user accounts. You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired. You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (Azure AD).

Does the solution meet the goal?

YES

- Your company's Active Directory forest includes thousands of user accounts. You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired. You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.
Solution: You plan to enforce password change.
Does the solution meet the goal?
NO
- Your developers have created 10 web applications that must be host on Azure. You need to determine which Azure web tier plan to host the web apps. The web tier plan must meet the following requirements:
The web apps will use custom domains.
The web apps each require 10 GB of storage.
The web apps must each run in dedicated compute instances.
Load balancing between instances must be included.
Costs must be minimized.
Which web tier plan should you use?
BASIC
- You are currently trying to generate a number of managed Microsoft SQL Server instances in an Azure environment. During the process, you are presented with a notification informing you that the Azure subscription limits must be increased. You want to make sure that you can complete your task.
Solution: You generate a service health alert.
Does the solution meet the goal?
NO
- You are currently trying to generate a number of managed Microsoft SQL Server instances in an Azure environment. During the process, you are presented with a notification informing you that the Azure subscription limits must be increased. You want to make sure that you can complete your task.
Solution: You alter an Azure policy.
Does the solution meet the goal?
NO
- You are currently trying to generate a number of managed Microsoft SQL Server instances in an Azure environment. During the process, you are presented with a notification informing you that the Azure subscription limits must be increased. You want to make sure that you can complete your task.
Solution: You generate a **new support request**.
Does the solution meet the goal?
YES
- You are planning to migrate a company to Azure. Each of the company's numerous divisions will have an administrator in place to manage the Azure resources used by their respective division.

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

Solution: You plan to make use of several Azure Active Directory (Azure AD) directories.
Does the solution meet the goal?

NO

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

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

Solution: You plan to make use of several resource groups.

Does the solution meet the goal?

NO

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

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

Solution: You plan to make use of several subscriptions.

Does the solution meet the goal?

YES

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

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

You need to recommend an Azure storage redundancy option.

You have the following data storage requirements:

Data must be stored on multiple nodes.

Data must be stored on nodes in separate geographic locations.

Data can be read from the secondary location as well as from the primary location

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

Read-only geo-redundant storage

- Your company's Azure subscription includes a Basic support plan. They would like to request an assessment of an Azure environment's design from Microsoft. This is, however, not supported by the existing plan. You want to make sure that the company subscribes to a support plan that allows this functionality, while keeping expenses to a minimum.

Solution: You recommend that the company subscribes to the **Premier support plan**.

Does the solution meet the goal?

YES

- A company that has numerous divisions is planning to deploy an Azure environment. The company would like each division's option to pay for the Azure services it utilizes, not be the same.

You have been asked to recommend a solution to meet the requirements.
Solution: You recommend that an Azure role be created for each division.
Does the solution meet the goal?

NO

- A company that has numerous divisions is planning to deploy an Azure environment. The company would like each division's option to pay for the Azure services it utilizes, not be the same.

You have been asked to recommend a solution to meet the requirements.
Solution: You recommend that a **subscription be created for each division**.
Does the solution meet the goal?

YES

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

- 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.

Azure policies

- Your company plans to migrate to Azure. The company has several departments. All the Azure resources used by each department will be managed by a department administrator.
What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

multiple subscriptions

multiple resource groups

Answer Area

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

Answer Area

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

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

- You 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 virtual network gateways

a gateway subnet

- 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?

Create a new support request

Answer Area

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

Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure regions.	<input type="radio"/>	<input checked="" type="radio"/>
Correct Answer: Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

Answer Area



Containers

Scalable, cost-effective storage for unstructured data

[Learn more](#)



File shares

Serverless SMB file shares

[Learn more](#)



Tables

Tabular data storage

[Learn more](#)



Queues

Effectively scale apps according to traffic

[Learn more](#)

- 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 virtual network for FinServer and another virtual network for all the other servers
- 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 Files service in a storage account
- 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 subscription

Answer Area

Statements

Yes

No

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

☐☒

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

☐☒

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

☒☐

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.

There are different access tiers: hot, cool and archive.

Answer Area

Minimum number of virtual machines:

1	✓
2	
3	

Minimum number of availability zones:

1	✓
2	
3	

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

Azure Event Hubs

Answer Area

An Availability Zone in Azure has physically separate locations

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

Answer Area

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

Answer Area

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

Answer Area

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

- 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?
NO
- You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.
What should you use?
Azure Service Health

Answer Area

IoT Hub

A managed service that provides bidirectional communication between IoT devices and Azure

IoT Central

A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale

Azure Sphere

A software and hardware solution that provides communication and security features for IoT devices

Answer Area

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

Answer Area

Statements	Yes	No
You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.	<input checked="" type="radio"/>	<input type="radio"/>
You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.	<input type="radio"/>	<input checked="" type="radio"/>
You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.	<input checked="" type="radio"/>	<input type="radio"/>

Answer Area

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

- 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.

No change is needed

Answer Area

Statements	Yes	No
To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input checked="" type="radio"/>	<input type="radio"/>

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

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

Deploy the virtual machines to two or more availability zones.

Deploy the virtual machines to two or more regions.

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

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

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

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

Does this meet the goal?

YES

- Your company has several business units. Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources. You need to recommend a solution to automate the creation of the Azure resources. What should you include in the recommendations?

Azure Resource Manager templates

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 apps

- 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?

Azure DevTest Labs

- 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.

Command Prompt

Windows PowerShell

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

Yes

Answer Area

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

- Which Azure service provides a set of version control tools to manage code?
Azure Repos
- 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?
Azure virtual machines
- 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?
NO
- 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?
YES

Answer Area

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

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

Answer Area

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

Answer Area

Monitor the health of Azure services:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Browse available virtual machine images:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

View security recommendations:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

- 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 logic app
- 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 content delivery network (CDN)

- 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.

Azure Data Lake

Azure IoT Hub

- 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.

the Azure portal

Azure Cloud Shell

- 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?

Azure Machine Learning Designer

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"/>

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

Azure Monitor

Answer Area

Azure Synapse Analytics

Provides a cloud-based Enterprise Data Warehouse (EDW).

Azure Machine Learning

Uses past trainings to provide predictions that have high probability.

Azure Functions

Provides serverless computing functionalities.

Azure IoT Hub

Processes data from millions of sensors.

- You need to create a new Azure virtual machine from a tablet that runs the Android operating system.
What are three possible solutions? Each correct answer presents a complete solution.
Use Bash in Azure Cloud Shell.
Use PowerShell in Azure Cloud Shell.
Use the Azure portal.
- A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.
You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.
What should you recommend?
Azure DevTest Labs

Answer Area

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

- 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?

YES

Answer Area

You can access Compliance Manager
from the

Azure Active Directory admin center

Azure portal

Microsoft 365 admin center

Microsoft Service Trust Portal

Answer Area

Azure policies provide

Resource groups provide

Azure Resource Manager templates provide

Management groups provide

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

Answer Area

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

- An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script. Solution: Run the script from a computer that runs Windows 10 and has the Azure PowerShell module installed. Does this meet the goal?
YES

Answer Area

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

- 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.
a computer that runs macOS and has PowerShell Core 6.0 installed.
a computer that runs Windows 10 and has the Azure PowerShell module installed.
a computer that runs Chrome OS and uses Azure Cloud Shell.

Answer Area

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

Answer Area

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

- Secures websites from attacks -

Generates reports that contain details of attempted attacks
What should you include in the solution?

DDoS protection

Answer Area

Monitor threats by using sensors:

Azure Monitor

Azure Security Center

Azure Active Directory (Azure AD) Identity Protection

Azure Advanced Threat Protection (ATP)

Enforce Azure MFA based on a condition:

Azure Monitor

Azure Security Center

Azure Active Directory (Azure AD) Identity Protection

Azure Advanced Threat Protection (ATP)

- 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.
Modify a network security group (NSG)

Answer Area

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

	▼
Azure Bastion	
Azure Firewall	
Azure Front Door	
Azure Security Center	

Answer Area

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