Question: DRAG DROP - Match the cloud model to the correct advantage. Instructions: To answer, drag the appropriate cloud model from the column on the left to its advantage on the right. Each cloud model may be used once, more than once, or not at all. NOTE: Each correct match is worth one point Select and Place:

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

Answer:

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

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

Answer Area

Statements	Yes	No
A company can extend a private cloud by adding its own physical servers to the public cloud.	O	O
To build a hybrid cloud, you must deploy resources to the public cloud.	O	O
A private cloud must be disconnected from the internet.	O	O

Answer Area

Statements	Yes	No
A company can extend a private cloud by adding its own physical servers to the public cloud.	O	●
To build a hybrid cloud, you must deploy resources to the public cloud.	●	O
A private cloud must be disconnected from the internet.	O	●

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

Answer Area

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	O	O
A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.	O	O
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.	O	O

Answer Area

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	O	●
A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.	●	O
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.	●	O

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

Answer Area

Statements	Yes	No
Building a data center infrastructure is an example of operational expenditure (OpEx) costs.	O	O
Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.	O	O
Leasing software is an example of operational expenditure (OpEx) costs.	O	O

Answer Area

Statements	Yes	No
Building a data center infrastructure is an example of operational expenditure (OpEx) costs.	O	●
Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.	●	O
Leasing software is an example of operational expenditure (OpEx) costs.	●	O

Question: HOTSPOT -To complete the sentence, select the appropriate option in the answer area. Hot Area:

Answer Area

Azure Cosmos DB is an
example of a [▼] offering.

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

Answer Area

Azure Cosmos DB is an
example of a [▼] offering.

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

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

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	O	O
With infrastructure as a service (IaaS), you must install the software that you want to use.	O	O
Azure Backup is an example of platform as a service (PaaS).	O	O

Answer Area

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	O	●
With infrastructure as a service (IaaS), you must install the software that you want to use.	●	O
Azure Backup is an example of platform as a service (PaaS).	●	O

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

Answer Area

Statements	Yes	No
You can create a resource group inside of another resource group.	O	O
An Azure virtual machine can be in multiple resource groups.	O	O
A resource group can contain resources from multiple Azure regions.	O	O

Answer Area

Statements	Yes	No
You can create a resource group inside of another resource group.	O	●
An Azure virtual machine can be in multiple resource groups.	O	●
A resource group can contain resources from multiple Azure regions.	●	O

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

Answer Area

Statements	Yes	No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	O	O
Azure SQL Database is an example of platform as a service (PaaS).	O	O
Azure Cosmos DB is an example of software as a service (SaaS).	O	O

Answer Area

Statements	Yes	No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	O	●
Azure SQL Database is an example of platform as a service (PaaS).	●	O
Azure Cosmos DB is an example of software as a service (SaaS).	O	●

Question: HOTSPOT -To complete the sentence, select the appropriate option in the answer area. Hot Area:

Answer Area

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

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

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

NOTE: Each correct selection is worth one point. Hot Area:

Answer Area

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	○	○
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	○	○
Microsoft Intune is an example of software as a service (SaaS).	○	○

Answer Area

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	○	○
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	○	○
Microsoft Intune is an example of software as a service (SaaS).	○	○

QUESTION: DRAG DROP Match the Azure service to the correct description.

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

Select and Place:

Answer Options

| 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

Correct Answer:

Answer Options

| Azure Machine Learning |
| Azure IoT Hub |
| Azure AI bot |
| Azure Functions |

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

QUESTION 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

| Azure Advisor |
| Azure Cognitive Services |
| Azure Application Insights |
| Azure DevOps |

Answer Area

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

Select and Place:
Correct Answer:

Answer Options

Azure Advisor
Azure Cognitive Services
Azure Application Insights
Azure DevOps

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

QUESTION HOTSPOT

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

The application will run on an Azure virtual machine. You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent. What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Minimum number of virtual machines:

1	v
2	
3	

Minimum number of availability zones:

1	v
2	
3	

Correct Answer:

Answer Area

Minimum number of virtual machines:

1	v
2	
3	

Minimum number of availability zones:

1	v
2	
3	

QUESTION HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	O	O
If you delete a resource group, all the resources in the resource group will be deleted.	O	O
A resource group can contain resources from multiple Azure regions.	O	O

Correct Answer:

Answer Area

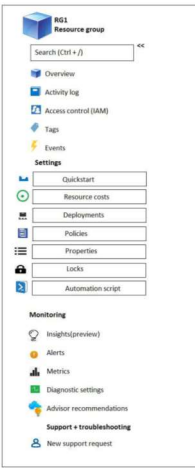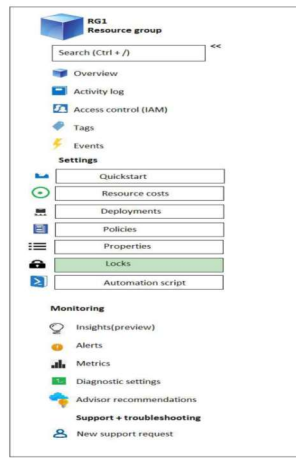| Statements	Yes	No
Azure resources can only access other resources in the same resource group.	O	**O**
If you delete a resource group, all the resources in the resource group will be deleted.	**O**	O
A resource group can contain resources from multiple Azure regions.	**O**	O

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

You need to prevent the deletion of the resources in RG1. Which setting should you use? To answer, select the appropriate setting in the answer area.

Hot Area:　　　　　　　　　　**Correct Answer:**

RG1
Resource group

Search (Ctrl + /) <<

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

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

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

Support + troubleshooting
- New support request

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

QUESTION: HOTSPOT You need to view a list of planned maintenance events that can affect the availability of an Azure subscription. Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.

Hot Area:　　　　　　　　　　**Correct Answer:**

Microsoft Azure

- Create a resource
- All services
- ★ FAVORITES
- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Advisor
- Security Center
- Cost Management + Billing
- Help + support

Microsoft Azure

- Create a resource
- All services
- ★ FAVORITES
- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Advisor
- Security Center
- Cost Management + Billing
- **Help + support**

QUESTION: DRAG DROP Match the Azure service to the correct description.

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

Select and Place:

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

Correct Answer:

Answer Options

Answer Options
Azure HDInsight
Azure Data Lake Analytics
Azure SQL Data Warehouse
Azure SQL Database

Answer Area

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

QUESTION HOTSPOT 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 encypt 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 Area

Statements	Yes	No
Azure Firewall will encypt 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.	○	◉

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer. What should you identify for each computer? To answer, select the appropriate options in the answer area. **NOTE:** Each correct selection is worth one point.
Hot Area:

Answer Area

Computer1:
- 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

Correct Answer:

Answer Area

Computer1:
- The Azure CLI and the Azure portal
- The Azure portal and Azure PowerShell
- The Azure CLI and Azure PowerShell
- **The Azure CLI, the Azure portal, and Azure PowerShell**

Computer2:
- The Azure CLI and the Azure portal
- The Azure portal and Azure PowerShell
- The Azure CLI and Azure PowerShell
- **The Azure CLI, the Azure portal, and Azure PowerShell**

Computer3:
- The Azure CLI and the Azure portal
- The Azure portal and Azure PowerShell
- The Azure CLI and Azure PowerShell
- **The Azure CLI, the Azure portal, and Azure PowerShell**

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

Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	○	●
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	○	●
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	○	●

Question 62: You plan to create an Azure virtual machine.
You need to identify which storage service must be used to store the unmanaged data disks of the virtual machine. What should you identify?

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

Answer

Answer Area

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

Question 65 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?

DATABASES (21)

|		
Azure Cosmos DB	Azure Cosmos DB API for MongoDB	Azure SQL
SQL databases	Azure Database for MySQL servers	Azure Database for PostgreSQL servers
Azure Database for MariaDB servers	SQL servers	Dedicated SQL pools (formerly SQL DW)
Azure Synapse Analytics	Azure Database Migration Services	Azure Cache for Redis
SQL Server stretch databases	Data factories	SQL elastic pools
Virtual clusters	Managed databases	Elastic Job agents — PREVIEW
SQL managed instances	SQL virtual machines	SQL Server registries — PREVIEW

Answer

DATABASES (21)

Azure Cosmos DB	Azure Cosmos DB API for MongoDB	Azure SQL
SQL databases	Azure Database for MySQL servers	Azure Database for PostgreSQL servers
Azure Database for MariaDB servers	SQL servers	Dedicated SQL pools (formerly SQL DW)
Azure Synapse Analytics	Azure Database Migration Services	Azure Cache for Redis
SQL Server stretch databases	Data factories	SQL elastic pools
Virtual clusters	Managed databases	Elastic Job agents — PREVIEW
SQL managed instances	SQL virtual machines	SQL Server registries — PREVIEW

Question 96
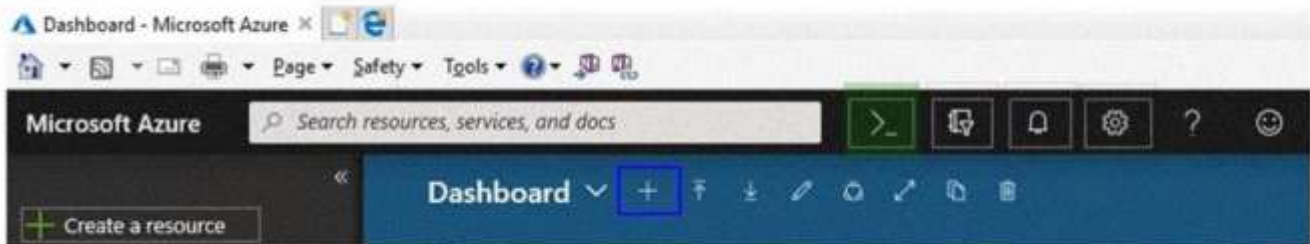You need to manage Azure by using Azure Cloud Shell.
Which Azure portal icon should you select?

Answer Area
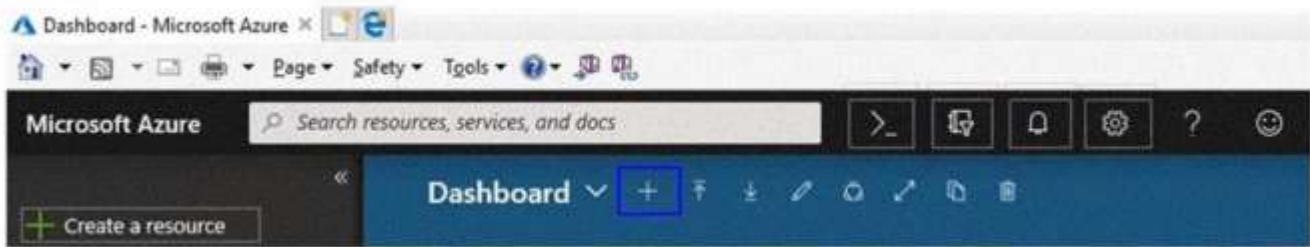
Answer

Answer Area

Question 50

You plan to extend your company's network to Azure. The network contains a VPN appliance that uses an IP address of 131.107.200.1. You need to create an Azure resource that defines the VPN appliance in Azure.

Which Azure resource should you create?

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	★
Network security groups (classic)	★	Network interfaces	★
Public IP addresses	★	Reserved IP addresses (classic)	★
Connections	★	On-premises Data Gateways	★
Route tables	★	Route filters	★

Answer

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 ★
Network security groups (classic) ★	Network interfaces ★
Public IP addresses ★	Reserved IP addresses (classic) ★
Connections ★	On-premises Data Gateways ★
Route tables ★	Route filters ★