

## PAAS

### Statements

Yes

No

ANSWER



NO



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

A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.

A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.

## VIRTUAL MACHINE

### Statements

Yes

No



Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx).

If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.

When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.

## HYBRID/PUBLIC/PRIVATE CLOUD

### Answer Area

#### Statements

Yes

No

To achieve a hybrid cloud model, a company must always migrate from a private cloud model.



NO

A company can extend the capacity of its internal network by using the public cloud.



YES

In a public cloud model, only guest users at your company can access the resources in the cloud.



NO



## HYBRID/PUBLIC/PRIVATE CLOUD

#### Statements

Yes

No

To implement a hybrid cloud model, a company must always migrate from a private cloud model.



NO

A company can extend the computing resources of its internal network by using the public cloud.



YES

In a public cloud model, only guest users at your company can access the resources in the cloud.



NO



## RESOURCE GROUP

Answer Area

Statements

Yes

No



NO

Azure resources can only access other resources in the same resource group.

0

0

If you delete a resource group, all the resources in the resource group will be deleted.

0

0



YES

A resource group can contain resources from multiple Azure regions.

0

0



YES



## RESOURCE GROUP

Statements

Yes

No



NO

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

0

0

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

0

0



NO

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

0

0



YES



## AZURE ADVISOR



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"/>	 NO
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input checked="" type="radio"/>	<input type="radio"/>	 YES
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>	 NO



## AZURE STORAGE ACCOUNT



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"/>	 YES
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"/>	 NO
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"/>	 NO



Availability zones needed for fault tolerance

## GENERIC



### Statements

Yes      No

If you have Azure resources deployed to every region, you can implement availability zones in all the regions.

→ NO

Only virtual machines that run Windows Server can be created in availability zones.

→ NO

Availability zones are used to replicate data and applications to multiple regions.

→ NO

## ADVISOR



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

→ NO

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

→ NO

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

→ NO

NSG – network security group used for i/p not for security

## SECURITY



### Statements

Yes      No

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

→ NO

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

→ NO

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

→ NO

## SERVICE HEALTH



### 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.

→ YES

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

→ YES

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

→ NO

## AUTHORIZATION



### Statements

Yes      No

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

NO

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

YES

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

YES

## ACCOUNTS



### Statements

Yes      No

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

NO

All Azure free accounts expire after a specific period.

YES

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

NO

## SUBSCRIPTIONS



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

## SLA



Statements	Yes	No		
In Azure Active Directory Premium, at least 99.9 percent availability is guaranteed.	<input type="radio"/>	<input type="radio"/>		YES
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"/>		NO
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"/>		YES

## AZURE SERVICES



### Statements

Yes      No

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



NO

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



YES

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



NO

	A	B	C	D	E	F
5	AWS SNS	Azure Notification Hub				
5	AWS API Gateway	Azure API Apps				
7	AWS SQS and SNS together	Azure service Bus				
3	AWS Kinesis Data Analytics	Azure Stream Analytics				
9	AWS Simple Workflow Service	Azure Logic Apps				
0	AWS API Gateway and API Gateway (Azure API Management)					
1	AWS SQS, AWS Message Queue	Azure Queue Storage				
2	AWS Directory	Azure Active Directory				
3	AWS Trusted Advisor	Azure Trust Center				
4	AWS WAF	Azure Firewall				
5	AWS Shield	Azure DDOS				
5	AWS Shield	Azure Advanced threat Protection				
7	AWS KMS Encryption	Azure Information Protection				
3	AWS IAM	Azure Role based access control				
9	AWS Trusted Advisor	Azure Advisor				
0	AWS Developer,Business,Enterprise	Azure Support plans :Basic , Developer,Standard,Professional Direct				
1						
2						

## AZURE SUPPORT



### Statements

Yes      No

A Standard support plan is included in an Azure free account.

NO

A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).

YES

Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.

NO

## AZURE SERVICES



### Statements

Yes      No

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

YES

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

NO

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

NO

## AZURE ACCOUNT



### Statements

Yes

No



YES

An Azure free account has a spending limit.



YES

An Azure free account has a limit for the amount of data that can be uploaded to Azure.



NO

An Azure free account can contain an unlimited number of web apps.



Buying subscription will not increase SLA only multiple region deployment can increase SLA

## AZURE SLA



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



YES

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



YES

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



NO

## AZURE STORAGE



### 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.

→ NO

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.

→ NO

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

→ NO

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 an Azure subscription.

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

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.

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Your company plans to purchase an Azure subscription.

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

# QUESTION 8



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

Hot Area:

## Answer Area

Your Azure trial account expired last week.

You are now unable to

- Create additional Azure Active Directory (Azure AD) user accounts
- start an existing Azure virtual machine
- access your data stored in Azure
- access the Azure portal

Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.

You plan to deploy SQL Server on Azure virtual machines.

What should you do to minimize licensing costs for the deployment?

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

For free account upto 100 we can host

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

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

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

Hot Area:

All Azure services that are in public preview are

provided without any documentation	
only configurable from Azure CLI	
excluded from the Service Level Agreements	
only configurable from the Azure portal	

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

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

HOTSPOT -

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

Hot Area:

## Answer Area

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

public preview  
private preview  
development  
an Enterprise Agreement (EA) subscription

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 an Azure subscription.

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

## QUESTION 21

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

## QUESTION 22

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

## QUESTION 23

You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI.

You need to recommend a storage solution for the data.

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

NOTE: Each correct selection is worth one point.

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

## QUESTION 24

You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

https://  com

admin.	azur.
portal.	azurewebsites.
www.	microsoft.

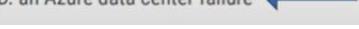
## QUESTION 25



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



## QUESTION 25



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



## QUESTION 26



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



# QUESTION 27



You plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to a scale set.

Does this meet the goal?

A. Yes

B. No



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 an Azure subscription.

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



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.

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Your company plans to purchase an Azure subscription.

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



# QUESTION 8

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

Hot Area:

## Answer Area

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You are now unable to

- Create additional Azure Active Directory (Azure AD) user accounts
- start an existing Azure virtual machine
- access your data stored in Azure
- access the Azure portal

# QUESTION 9

Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.

You plan to deploy SQL Server on Azure virtual machines.

What should you do to minimize licensing costs for the deployment?

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

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

NOTE: Each correct selection is worth one point.

Hot Area:

## Statements

## Yes

## No

An Azure free account has a spending limit.



An Azure free account has a limit of 2TB of data that can be uploaded to Azure.



An Azure free account can contain an unlimited number of web apps.



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

Hot Area:

All Azure services that are in public preview are

provided without any documentation	X
only configurable from Azure CLI	X
excluded from the Service Level Agreements	✓
only configurable from the Azure portal	X

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

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

**HOTSPOT -**

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

Hot Area:

## Answer Area

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

public preview	<input type="checkbox"/>
private preview	<input checked="" type="checkbox"/>
development	<input checked="" type="checkbox"/>
an Enterprise Agreement (EA) subscription	

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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

C

## QUESTION 21

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.

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Does this meet the goal?

A. Yes



B. No

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## QUESTION 23

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.

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

## QUESTION 24

You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

https://  com

admin.  
 portal.  
 www.

azure.  
 azurewebsites.  
 microsoft.

## QUESTION 25

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 

## QUESTION 26

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 

## QUESTION 27

You plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to a scale set.

Does this meet the goal?



A. Yes

B. No



## QUESTION 28

### Statements

Yes

No

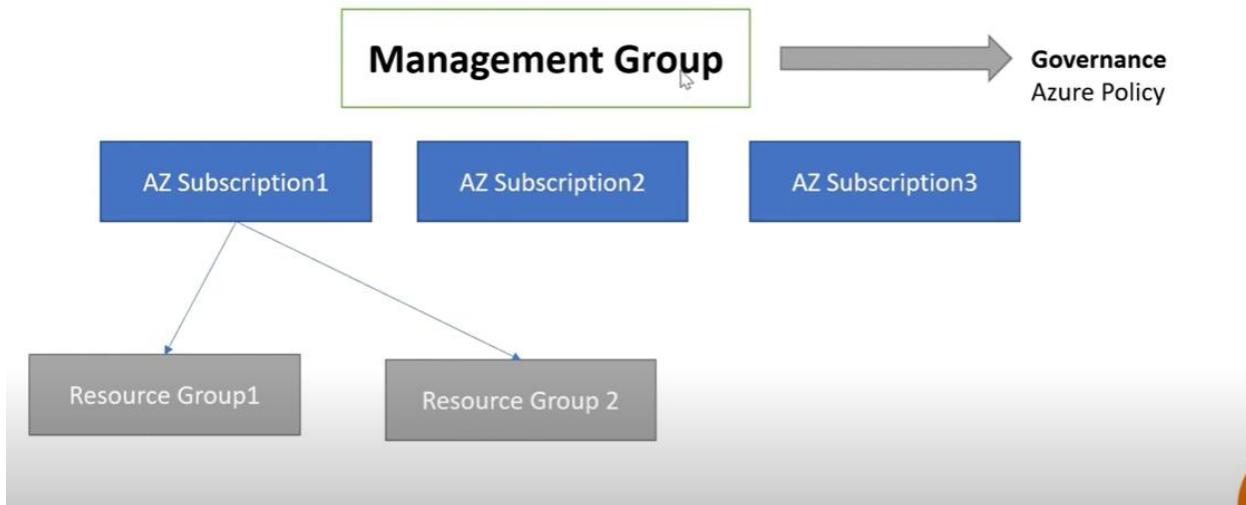
An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.



You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.



When an Azure subscription expires, the associated Azure Active Directory (Azure AD) tenant is deleted automatically.



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

NOTE: Each correct selection is worth one point.

Hot Area:

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

## QUESTION 29

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

## QUESTION 30

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.

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

## QUESTION 31

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.

## QUESTION 32

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

## QUESTION 33

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

## QUESTION 34

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

## QUESTION 35

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? To answer, select the appropriate service in the answer area.

### Containers

#### Fileshare FILES

#### Tables

CLOUD BASED NO-SQL DATA STORE.  
STRUCTURED BUT NON-RELATIONAL DATA

#### Queue

IOT REAL TIME STREAMING DATA



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? To answer, select the appropriate service in the answer area.

**Containers**



**Fileshare**

**Tables**

**Queue**

## QUESTION 36

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



## QUESTION 37

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 File service in a storage account
- D. a Blob service in a storage account



## QUESTION 38

Your company plans to start using Azure and will migrate all its network resources to Azure.

You need to start the planning process by exploring Azure.

What should you create first?

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

## QUESTION 39

### 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.

CC

## QUESTION 40

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.



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	<input checked="" type="checkbox"/>
3	

Minimum number of availability zones:

1	v
2	<input checked="" type="checkbox"/>
3	



3:53 / 6:46

AZ 900 Question 41

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

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

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.

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

## QUESTION 45

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

## QUESTION 46

You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.  
What should you use?

- A. Azure Monitor
- B. Azure Service Health
- C. Azure Advisor
- D. Microsoft Trust Center

## QUESTION 47

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

## QUESTION 48

 ▼	can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.
The Azure Migrate: Server Assessment tool	
The Azure Total Cost of Ownership (TCO) calculator	
The Database Migration Assistant	
The pricing calculator in Azure	

## QUESTION 49

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

## QUESTION 50

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"/> 

## QUESTION 51

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

## QUESTION 52

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

## QUESTION 53

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.

- A. Deploy the virtual machines to two or more availability zones.
- B. Deploy the virtual machines to two or more resource groups.
- C. Deploy the virtual machines to a scale set.
- D. Deploy the virtual machines to two or more regions.

## Question 54

All Azure services that are in public preview are

provided without any documentation.
only configurable from Azure CLI.
excluded from the Service Level Agreements.
only configurable from the Azure portal.

## Question 55

You have an Azure application that uses the services shown in the following table.

Service	Service Level Agreement (SLA)
Azure virtual machines	99.9%
Azure SQL Database	99.99%

How should you calculate the composite SLA for the application?

- A.  $0.999 * 0.9999 = 0.9989001 = 99.89001\%$
- B.  $0.999 / 0.9999 = 0.9991 = 99.91\%$
- C.  $\text{Max}(0.999, 0.9999) = 0.9999 = 99.99\%$
- D.  $\text{Min}(0.999, 0.9999) = 0.999 = 99.9\%$

## Question 56

HOTSPOT -

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

If your company uses an Azure free account, you will only be able to use 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.

#### Yes



#### No



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## Question 57

Which task can you perform by using Azure Advisor?

- A. Integrate Active Directory and Azure Active Directory (Azure AD).
- B. Estimate the costs of an Azure solution.
- C. Confirm that Azure subscription security follows best practices. 
- D. Evaluate which on-premises resources can be migrated to Azure.

## Question 58

HOTSPOT -

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

Hot Area:

### 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.

## Question 59

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

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

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

So this is yes.

## Question 60

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

NOTE: Each correct selection is worth one point.

Hot Area:

### Answer Area

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

## Question 61

HOTSPOT -

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

NOTE: Each correct selection is worth one point.

Hot Area:

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

## Question 62

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

Hot Area:

### Answer Area

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

compute capacity	▼
I/O operations	
networking	
storage	←

## Question 63

Hot Area:

### Answer Area

Statements	Yes	No
When using an Azure ExpressRoute connection, inbound data traffic from an on-premises network to Azure is always free.	<input 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"/>

## Question 64

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

Hot Area:

### Answer Area

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



## Question 65

### 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.



## Question 66

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

The composite SLA for the application is

the product of both SLAs, which equals 99.94 percent
the lowest SLA associated to the application, which is 99.95 percent
the highest SLA associated to the application, which is 99.99 percent
the difference between the two SLAs, which is 0.05 percent

## Question 67

### Statements

Yes      No

The cost of Azure resources can vary between regions.

An Azure reservation is used to reserve server capacity at a specific data center.

You can stop an Azure SQL Database instance to decrease costs.

## Question 68

### Statements

Yes      No

With a consumption-based plan, you pay a fixed rate for all data sent to or from virtual machines hosted in the cloud.

With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.

Serverless computing is an example of a consumption-based plan.

## Question 69

### 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 70

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

NOTE: Each correct selection is worth one point.

Hot Area:

### Statements

Yes

No

An Azure free account has a spending limit.

An Azure free account has a limit of 2TB of data that can be uploaded to Azure.

An Azure free account can contain an unlimited number of web apps.



## Question 71

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

## Question 72

Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.

You plan to deploy SQL Server on Azure virtual machines.

What should you do to minimize licensing costs for the deployment?

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

## Question 73

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 an Azure subscription.

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

## Question 74

Your Azure trial account expired last week.

You are now unable to

- Create additional Azure Active Directory (Azure AD) user accounts
- start an existing Azure virtual machine
- access your data stored in Azure
- access the Azure portal



## Question 75

### 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.

## Question 76

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 an Azure subscription.

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



## Question 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.

Your company plans to purchase an Azure subscription.

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

## Question 78

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 an Azure subscription.

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

## Question 79

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

- public preview
- private preview
- development
- an Enterprise Agreement (EA) subscription



## Question 80

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

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



## Question 81

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



## Question 82

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 makes the statement correct.

A. No change is needed.

B. the Azure portal



C. the Knowledge Center

D. the Security & Compliance admin center

## Question 83

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 ←

---

## Question 84

**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.



## Question 85



With Azure **Reservations**, you pay less for virtual machines than with **pay-as-you-go** pricing.

Two Azure virtual machines that use the B2S size have the same **monthly** costs.

When an Azure virtual machine is stopped, you continue to pay storage costs for the virtual machine.

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## Question 86

### Statements

### Yes

### No

A user who is assigned the Owner role can transfer ownership of an Azure subscription.

You can convert the Azure subscription of your company from Free Trial to Pay-As-You-Go.

The Azure spending limit is fixed and cannot be increased or decreased.

## Question 87

This question requires that you evaluate the underlined 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

## Question 88

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 89

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

## Question 90

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 91

Azure China

- is operated by Microsoft.
- has feature parity with Azure global. 
- services can be accessed from China only.
- is a distinct separate instance of Microsoft Azure.

## Question 92

An Azure Policy initiative definition is a

- collection of policy definitions. 
- collection of Azure Policy definition assignments.
- group of Azure Blueprints definitions.
- group of role-based access control (RBAC) role assignments.

## Question 93

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

## Question 93

### Answer Area

**Microsoft Privacy Statement** Describes which personal data is collected, how the data is used, and what the data is used for.

**Data Protection Addendum** A legal agreement that details the obligations between Microsoft and a customer regarding the processing and security of customer data and personal data.

**Online Services Terms** Defines the data processing and security terms for online services, including the disclosure of processed data and the transfer, retention, and deletion of data.

## Question 94

### Statements

You can use Azure Policy to apply tags to resources

You can add multiple tags to the same Azure resource

An Azure resource inherits tags from the resource group to which the resource is deployed

**Yes**      **No**



## Question 95

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.

## Question 96

Statements	Yes	No
Azure Active Directory (Azure AD) can be used to manage access to on-premises applications.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) provides single sign-on (SSO).	<input checked="" type="radio"/>	<input type="radio"/>
iOS devices can be registered in Azure Active Directory (Azure AD).	<input type="radio"/>	<input checked="" type="radio"/>

## Question 97

You have an Azure subscription.

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

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

## Question 98

<input type="checkbox"/> Application security groups in Azure	enables users to authenticate to multiple applications by using single sign-on (SSO).
<input checked="" type="checkbox"/> Azure Active Directory (Azure AD) 	
<input type="checkbox"/> Azure Key Vault	
<input type="checkbox"/> Azure Security Center	

## Question 99

What can Azure Information Protection encrypt?

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



## Question 100

You have an Azure subscription and 100 Windows 10 devices.

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

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



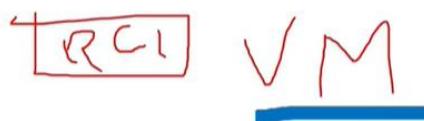
## Question 101

You have a resource group named RG1.

You need to prevent the creation of virtual machines in RG1. The solution must ensure that other objects can be created in RG1.

What should you use?

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



## Question 102

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

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

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

Hot Area:



## Question 103

### Statements

You can configure the Azure Active Directory (Azure AD) activity logs to appear in Azure Monitor.

From Azure Monitor, you can monitor resources across multiple Azure subscriptions.

From Azure Monitor, you can create alerts.

Yes

No



## Question 104

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

## Question 105

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

## Question 106

ISO

An organization that defines international standards across all industries.

NIST

An organization that defines standards used by the United States government.

GDPR

A European policy that regulates data privacy and data protection.

Azure Government

A dedicated public cloud for federal and state agencies in the United States.

## Question 107

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



## Question 108

### Statements

Yes

No

To implement an Azure Multi-Factor Authentication (MFA) solution, you must 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.



## Question 109

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



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Your channel  
Cloud Guru

## Question 110

### Statements

Yes      No

Azure Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines.

  ←

Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.

 ←

Each user account in Azure Active Directory (Azure AD) can be assigned only one license.

  ←

## Question 111

Your company implements

Azure policies	to
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.

## Question 112

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

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

## Question 113

You can view your company's regulatory compliance report from

Azure Advisor
Azure Analysis Services
Azure Monitor
Azure Security Center 

## Question 114

### Statements

Yes      No

Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD).  

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

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

## Question 115

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



## Question 116

If a resource group named RG1 has a delete lock,

can delete RG1.

- only a member of the global administrators group
- the delete lock must be removed before an administrator
- an Azure policy must be modified before an administrator
- an Azure tag must be added before an administrator



## Question 117

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 MyApps portal
- D. the Trust Center



## Question 118

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

## Question 119

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

## Question 120

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

## Question 121

**Statements****Yes      No**

General Data Protection Regulation (GDPR) defines data protection and privacy rules.



General Data Protection Regulation (GDPR) applies to companies that offer goods or services to individuals in the EU.



Azure can be used to build a General Data Protection Regulation (GDPR)-compliant infrastructure.



## Question 122

- Resource groups
- Management groups
- Azure policies
- Azure App Service plans

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

## Question 123

- Authorization
- Authentication
- Federation
- Ticketing

is the process of verifying a user's credentials.

## Question 124

The

- [Microsoft Online Services Privacy Statement](#) 
- [Microsoft Product Terms](#)
- [Microsoft Online Service Level Agreement](#)
- [Online Subscription Agreement for Microsoft Azure](#)

explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

## Question 125

### Statements

Yes      No

You can create Group Policies in Azure Active Directory (Azure AD).   

You can join Windows 10 devices to Azure Active Directory (Azure AD).   

You can join Android devices to Azure Active Directory (Azure AD).   

## Question 126

This question requires that you evaluate the underlined 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 

## Question 127

Your company has an Azure subscription that contains resources in several regions.  
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. an Azure policy 
- C. a management group
- D. a reservation 

## Question 128

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 

## Question 129

You have an Azure Sentinel workspace.

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

What should you use?

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

## Question 130

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

application layer.
compute layer.
networking layer.
perimeter layer. 

## Question 131

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

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

## Question 132

Azure Sentinel uses playbooks to

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

## Question 133

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

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

## Question 134

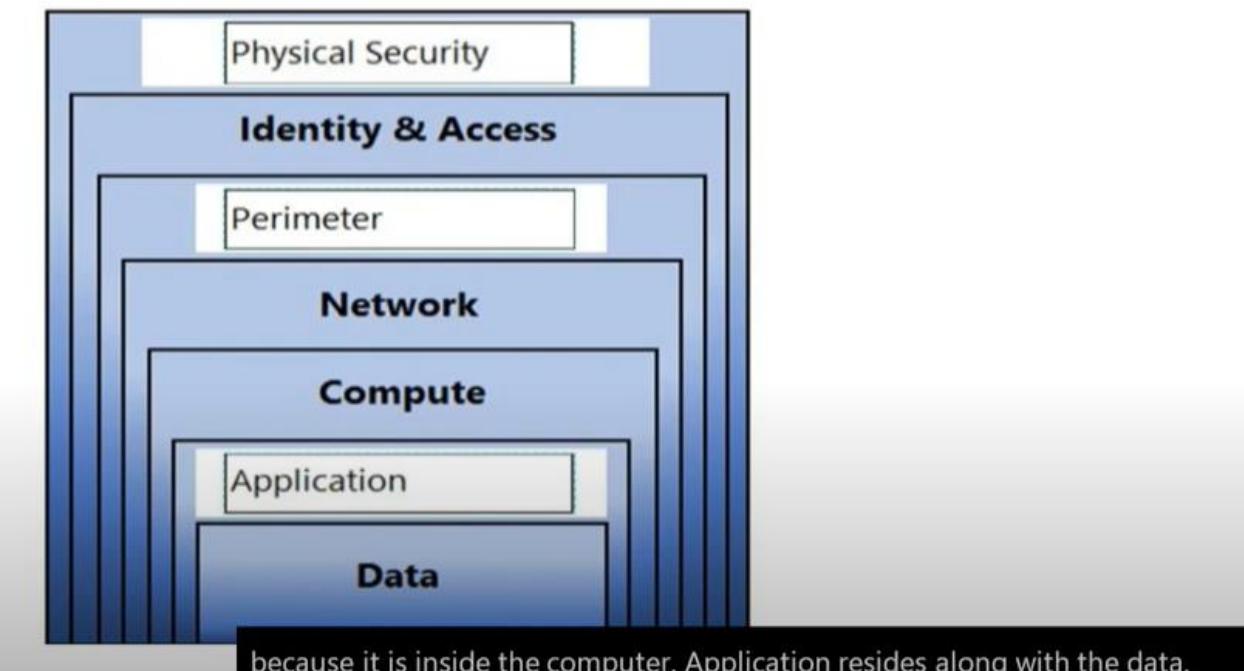
You have an Azure virtual machine named VM1.

You plan to encrypt VM1 by using Azure Disk Encryption.

Which Azure resource must you create first?

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

## Question 135



## Question 136

Statements	Yes	No
Azure Security Center can monitor Azure resources and on-premises resources.	<input type="radio"/>	<input checked="" 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"/>

## Question 137

### Statements

Yes

No

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



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



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



## Question 138

### Services

### Answer Area

Azure Active Directory  
(Azure AD)

Analyze security log files from  
Azure virtual machines

Azure Key Vault

Display the secure score for  
an Azure subscription

Azure Lighthouse

Store passwords for use by Azure  
Function applications.

Azure Security  
Center

Azure Sentinel

## Question 139

### Statements

Yes

No

Azure Sentinel stores collected events in an Azure Storage account.

Azure Sentinel can remediate incidents automatically.

Azure Sentinel can collect Windows Defender Firewall logs from Azure virtual machines.

## Question 140

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

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

## Question 141

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 

## Question 141

Which Azure service should you use to store certificates?

- A. Azure Security Center Now called Defender for cloud. Security posture mgmt & threat protection
- B. an Azure Storage account BLOBS , fileshares , queues , tables , disks 
- C. Azure Key Vault 
- D. Azure Information Protection Discover , classify and protect documents 

## Question 142

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

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

## Question 143

From

- Azure Access Control IAM
- Azure Event Hubs
- Azure Activity Log 
- Azure Service Health

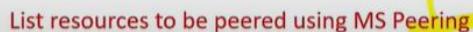
you can view which user turned off a specific virtual machine during the last 14 days.

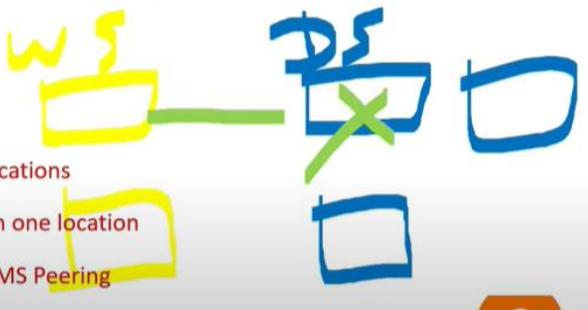
## Question 144

Your company plans to deploy several web servers and several database servers to .

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?

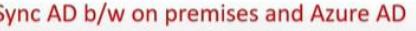
- A network security groups (NSGs) 
- B. Azure Service Bus  Message Broker. Decouple applications
- C. a local network gateway  Devices connected together in one location
- D. a route filter  List resources to be peered using MS Peering



## Question 145

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

- A. Azure Sentinel 
- B. Azure Synapse Analytics  High performance EDW for analytics
- C. Azure AD Connect  Sync AD b/w on premises and Azure AD
- D. Azure Key Vault  Store secrets

## Question 145

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD). What should you use?

- A. Azure Sentinel
- B. Azure Synapse Analytics
- C. Azure AD Connect
- D. Azure Key Vault

## Question 147

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

## Question 148

### Statements

Yes      No

You can create custom Azure roles to control access to resources.

A user account can be assigned to multiple Azure roles.

A resource group can have the Owner role assigned to multiple users.

## Question 149

After you create a virtual machine, you need to modify the

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

to allow connections to TCP port 8080 on the virtual machine.

## Question 150

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

## Question 151

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

## Question 152

Azure Key Vault is used to store secrets for 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. Azure Active Directory (Azure AD) administrative accounts
- C. Personally Identifiable Information (PII)
- D. server applications



## Question 153

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



Y

## Question 154

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

Azure Bastion
Azure Firewall
Azure Front Door
Azure Security Center



## Question 155

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.

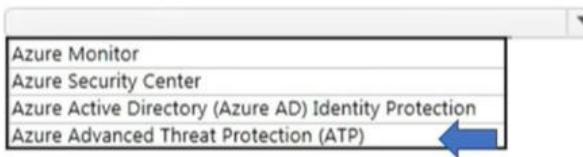
NOTE: Each correct selection is worth one point.

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

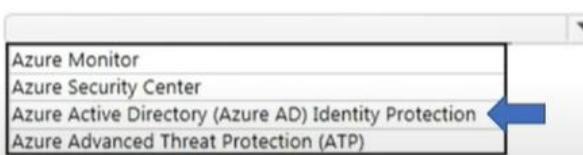


## Question 156

Monitor threats by using sensors:



Enforce Azure MFA based on a condition:



## Question 157

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

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

## Question 158

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

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

## Question 159

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

You can use Azure Cost Management to view costs associated to →   management groups.

You can use Azure Cost Management to view costs associated →   to resource groups.

You can use Azure Cost Management to view the usage of →   virtual machines during the last three months.

## Question 159

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



## Question 160

Which service provides serverless computing in Azure?

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



# Question 161

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

# Question 162



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 application gateway Load balancer
- B. an Azure ExpressRoute circuit Connect on premises to MS edge
- C. a content delivery network (CDN) 
- D. an Azure Traffic Manager profile Load balancer

C

## Question 163

A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.

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

What should you recommend?

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

## Question 164

### 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. 

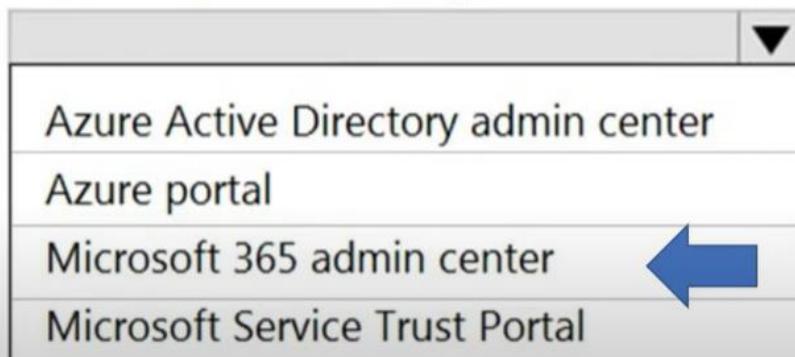


Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines. 



## Question 165

You can access Compliance Manager from the



## Question 166



Your channel  
Cloud Guru

- Azure policies provide
- Resource groups provide
- Azure Resource Manager templates provide** (highlighted with a blue arrow)
- Management groups provide

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

## Question 167



Your channel  
Cloud Guru

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

## Question 168

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?

A. Yes



B. No

## Question 169

### Services

- Azure Functions
- Azure App Service
- Azure virtual machines
- Azure Container Instances

### Answer Area


- Provide operating system virtualization
- Provide portable environment for virtualized applications
- Used to build, deploy, and scale web apps
- Provide a platform for serverless code

QUESTION 1/0

What are two benefits of cloud computing? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. enables the rapid provisioning of resources
- B. has increased administrative complexity
- C. has the same configuration options as on-premises
- D. shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

QUESTION 1/1

What is a feature of an Azure virtual network?

- A. resource cost analysis
- B. packet inspection
- C. geo-redundancy
- D. isolation and segmentation ←

Elasticity	enables Azure resources to be deployed close to users.
Geo-distribution	██████████
High availability	██████████
Scalability	██████████

Match the cloud computing benefits to the appropriate descriptions.

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

Select and Place:

Benefits	Answer Area
Disaster recovery	Benefit Increase the compute capacity of apps in the cloud.
Geo-distribution	Benefit Provide a continuous user experience with no apparent downtime.
High availability	Benefit Ensure that users always have the best experience by deploying apps to all the regions where there are users.
Scalability	Benefit

---

**QUESTION 174**

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



---

**QUESTION 175**

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



---

**QUESTION 176**

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



---

**QUESTION 177**

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.

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



QUESTION 170

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

Question 179

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

Question 180

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

---

Question 181

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

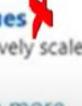
---

Question 182

**Containers** Scalable, cost-effective storage for unstructured data  

**File shares** Serverless SMB file shares  

**Tables** Tabular data storage 

**Queues** Effectively scale apps according to traffic 

C

---

Question 189

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

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

---

Question 190

An Availability Zone in Azure has physically separate locations

across two continents.
within a single Azure region. <input checked="" type="radio"/>
within multiple Azure regions.
within a single Azure datacenter.

Question 191

**Statements**

**Yes**



Data that is stored in an Azure Storage account automatically has at least three copies.

**No**



All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.

**Yes**



An Azure Storage account can contain up to 2 TB of data and up to one million files.

**No**



---

Question 192

**Statements**

**Yes**



If you have Azure resources deployed to every region, you can implement availability zones in all the regions.



Only virtual machines that run Windows Server can be created in availability zones.



Availability zones are used to replicate data and applications to multiple regions.



---

Question 199

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

---

Question 200

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

---

Question 201

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

Question 193

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
North America is represented by a single Azure region.	<input type="radio"/>	<input type="radio"/> 
Every Azure region has multiple datacenters.	<input type="radio"/> 	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input checked="" type="radio"/> 

Question 194

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 

Question 195

You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.

What should you use?

A. Azure Monitor

B. Azure Service Health 

C. Azure Advisor

D. Microsoft Trust Center

---

Question 202

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.

- A. Deploy the virtual machines to two or more availability zones. ←
- B. Deploy the virtual machines to two or more resource groups.
- C. Deploy the virtual machines to a scale set.
- D. Deploy the virtual machines to two or more regions. ←

Question 203

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.

---

Question 204

Azure Synapse Analytics

A fully managed data warehouse that has integral security at every level of scale at no extra cost.

Azure Cosmos DB

A globally distributed database that supports NoSQL.

Azure HDInsight

Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

---

Question 208

Features	Answer Area	
Azure Blueprints		Restrict which virtual machine types can be created in a subscription.
Azure Policy		Identify Azure resources that are associated with specific cost centers.
Azure resource locks		Deploy a complete Azure application environment including resources configuration and role assignments.
Azure tags		

---

Question 209

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

---

Question 210

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

---

Question 211

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

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

---

Question 212

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

What should you use?

- A. Azure subscriptions
- B. Microsoft Defender for Cloud
- C. Azure Marketplace 
- D. Microsoft Store

---

Question 213

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

- Azure Arc
- Azure IoT Central
- Azure IoT Hub
- Azure Sphere 

---

Question 214

You plan to deploy a service to Azure virtual machines.  
You need to ensure that the service will be available if a datacenter fails.  
What should you use as part of the virtual machine deployment?

- A. availability sets
- B. proximity placement groups
- C. host groups
- D. availability zones 

---

Question 215

Your company has an Azure subscription that contains resources in several regions.  
You need to ensure that administrators can only create resources in those regions.  
What should you use?

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

---

Question 216

An Azure region

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

---

Question 226

An Azure container instance is an example of an Azure



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Question 227

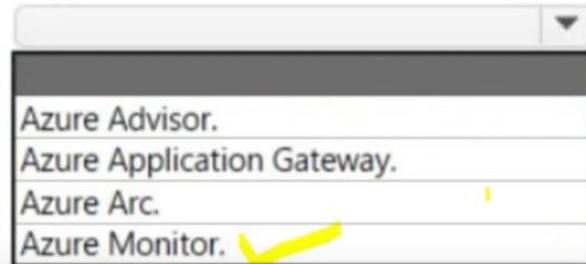
At which OSI layer does ExpressRoute operate?

- A. Layer 2
- B. Layer 3 ←
- C. Layer 5
- D. Layer 7

---

Question 228

Application Insights is a feature of



---

Question 229

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

---

Question 230

You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI.

You need to recommend a storage solution for the data.

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

NOTE: Each correct selection is worth one point.

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

---

Question 231

Arrange the storage account redundancy options from the least redundant to the most redundant. To answer, move all options from the list of options to the answer area and arrange them in the correct order.

Select and Place:

- Redundancy options**
- Zone-redundant storage (ZRS)
  - Geo-redundant storage (GRS)
  - Locally-redundant storage (LRS)

**Answer Area**



## Question 237

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.

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



---

## Question 238

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 Bash in Azure Cloud Shell.

Does this meet the goal?

A. Yes 

B. No

---

### Question 239

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



#### 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.

### Question 248

A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.

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

What should you recommend?

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



---

### Question 258

@Cloudguruninja

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

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

What should you recommend?

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

---

### Question 259

@Cloudguruninja

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 apps

---

### Question 260

@Cloudguruninja

#### Statements

You must have internet connectivity to manage cloud services.

Yes

No



You must install a management app to manage cloud services.



You can manage cloud services from any modern web browser.



---

## Question 260

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?

A. Yes 

B. No

---

---

## Question 261

@Cloud

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

The diagram shows four service options in a grid. A large blue 'X' is drawn over the first three rows (Azure Functions, Azure App Service, and Azure virtual machines). A large blue arrow points from the bottom row (Azure Container Instances) down to its corresponding answer box. A green arrow also points from the top row (Azure Functions) up to its answer box.

## Question 262

Which service provides serverless computing in Azure?

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

---

## Question 260

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?

- A. Yes
- B. No

---

### Question 262

Which service provides serverless computing in Azure?

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

---

### Question 266

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

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

---

### Question 267

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▼	is an Apache Spark-based analytics service
Azure Databricks	←
Azure Data Factory	
Azure DevOps	
Azure Synapse Analytics	

### Question 268

@Cloudguruninja

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

= P  
= PS

### Question 273

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

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?

- A. Geo-redundant storage
- B. Read-only geo-redundant storage
- C. Zone-redundant storage
- D. Locally redundant storage

C

---

### Question 278

@Cloudguruninja

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?

A. Yes

B. No



### Question 279

@Cloudguruninja

Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment.

You plan to host the web app on Azure.

You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:

- The website will use the miami.weyland.com URL.
- The website will be deployed to two instances.
- SSL support must be included.
- The website requires 12 GB of storage.
- Costs must be minimized.

Which web tier plan should you use?

A. Standard

B. Basic

C. Free

D. Shared



- The standard support plan in Azure includes support for SSL (Secure Sockets Layer) or TLS (Transport Layer Security) certificates. SSL/TLS certificates are used to secure connections and enable HTTPS (HTTP Secure) communication between clients and servers.

- The basic support plan in Azure does not include SSL (Secure Sockets Layer) support. The basic support plan offers limited technical support and primarily focuses on assisting with service-related incidents and subscription management.
- If you require assistance with SSL certificate configuration, management, or troubleshooting, you would need to consider upgrading to a higher support plan, such as the standard or professional direct support plans.

- The standard support plan is designed to provide technical support for Azure services and help you resolve any issues or questions related to your Azure environment, including storage-related topics. However, it does not dictate or limit the amount of storage you can allocate in Azure.

1. Pay-As-You-Go: This model allows you to pay for the Azure resources and services you use on an hourly or per-minute basis. You have flexibility in scaling resources up or down as needed, and you are charged based on the actual consumption.
2. Reserved Instances: With this model, you can commit to using Azure resources for a one- or three-year term and receive discounted pricing. It is suitable for predictable and long-term workloads.
3. Azure Hybrid Benefit: This option allows you to bring your existing licenses for certain software to Azure and take advantage of discounted rates for running those workloads in the cloud.
4. Enterprise Agreements: This model is designed for larger organizations and offers custom pricing and terms for Azure services based on negotiated agreements.

---

### Question 280

@Cloudguruninja

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?

A. Yes

B. No



---

### Question 275

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?

A. Yes

B. No



---

### Question 276

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?

A. Yes 

B. No

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Key characteristics of Infrastructure as a Service (IaaS) include:

1. Virtualized Resources: IaaS offers virtualized resources, including virtual machines (VMs) for computing, virtualized storage, and virtual networks. These resources are scalable and can be provisioned and managed remotely.

2. On-Demand Self-Service: Users can provision and configure computing resources on-demand without requiring human interaction with the cloud service provider. This flexibility allows for rapid scalability and agility.

3. Resource Pooling: Multiple users and organizations can share the same physical infrastructure while maintaining logical isolation. The cloud provider manages and optimizes the underlying physical resources.

4. Elasticity and Scalability: IaaS enables users to scale resources up or down according to demand.

Examples of Infrastructure as a Service (IaaS) providers include:

- Amazon Web Services (AWS) Elastic Compute Cloud (EC2)
- Microsoft Azure Virtual Machines
- Google Cloud Platform (GCP) Compute Engine
- IBM Cloud Infrastructure
- Oracle Cloud Infrastructure

---

### Question 277

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?

- A. Standard
- B. Basic
- C. Free
- D. Shared





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Pay-as-you-go: This is the default expenditure model for Azure VMs. You pay for the resources that you use, on an hourly basis.

- Bring your own license (BYOL): This expenditure model allows you to use your own Windows Server or SQL Server licenses on Azure VMs. You only pay for the Azure VM resources, such as CPU, memory, and storage.
- Azure Hybrid Benefit: This expenditure model allows you to use your on-premises Windows Server or SQL Server licenses on Azure VMs. You can save up to 72% on your Azure VM costs.

1. You have on-premises network that contains several servers and 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. Scalability
  - B. Elasticity
  - C. Fault Tolerance**
  - D. Low Latency

Fault tolerance refers to the ability of a system (computer, network, cloud cluster, etc.) to continue operating without interruption when one or more of its components fail.



2. You Plan to migrate a Web Application to Azure. The Web application is accessed by external users. You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application. What should you include in the recommendation?

**A. Platform as a Service (PaaS)**

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

Platform as a service refers to cloud computing services that supply an on-demand environment for developing, testing, delivering, and managing software applications.



3. You have an on-premise 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 Private Cloud
  - B. An additional data center
  - C. A Hybrid Cloud**
  - D. Full blown migration to Public Cloud

4. You are tasked with deploying Azure virtual machines for your company and you need to make use of appropriate Cloud deployment solution. You make use of Software as a Service (SaaS). Does the Solution meet the goal?
- A. Yes
  - B. No**

5. When you are implementing Software as a Service (SaaS) solution. You are responsible for which of the following?
- A. Installing the SaaS Solution
  - B. Configuring High Availability
  - C. Configuring the SaaS Solution**
  - D. Defining Scalability rules

With SaaS, cloud providers hosts and manage the software application and underlying infrastructure, and handle any maintenance, like software upgrades and security patching. You just need to configure the SaaS application before starting to consume it.

6. 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) solution must be used in Azure. You need to deploy an azure environment that meets the company Migration Plan. You decide to create Azure Virtual Machines, Azure SQL databases and Azure Storage. Does the solution meet the goal?
- A. Yes
  - B. No**

7. Your Company plans to start using Azure and will migrate all its network resources to azure. You need to start the planning process by exploring Azure. What should you create first?
- A. Resource Group
  - B. Subscription**
  - C. Virtual Network
  - D. Management Group.

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Hierarchy as per Microsoft Documentation is

Management Group → Subscription → Resource Group → Resource

Management group is not a mandatory component in Azure as it helps you to manage access, policy and compliance for multiple subscriptions.

8. 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?
- A. Azure IoT Hub**
  - B. Azure File Storage
  - C. Azure Queue Storage
  - D. Azure Data Lake**

Azure Data Lake can be used to store data from Sensors and IoT Hub can be used for processing that data.

<https://azure.microsoft.com/en-au/solutions/data-lake>

<https://azure.microsoft.com/en-au/products/iot-hub>

9. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

Statements	Yes	No
PaaS Solution provides full control of Operating Systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
PaaS Solution provides additional Memory to apps by changing pricing tiers.	<input checked="" type="radio"/>	<input type="radio"/>
PaaS Solution can automatically scale the number of instances.	<input checked="" type="radio"/>	<input type="radio"/>

10. You plan to implement an Azure Database Solution. You need to implement a database solution that meets the below mentioned requirements:

- Can add data concurrently from multiple regions.
- Can store JSON documents

**Which database service should you deploy?**

- A. SQL Data Warehouse
- B. Azure Database for PostgreSQL servers
- C. Azure Cosmos DB**
- D. Azure Database for MySQL servers

In Azure Cosmos DB's API for NoSQL, items are stored as JSON. Azure Cosmos DB is a globally distributed database system that allows you to read and write data from the local replicas of your database.

<https://learn.microsoft.com/en-us/azure/cosmos-db/distribute-data-globally>



11. 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. 30 days
- D. 3 months

12. 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 in RG1. The solution must ensure that other objects can be created in RG1. what should you use?

- A. Azure Role
- B. Tag
- C. Azure Policy**
- D. Lock

Azure Policy is a service in Azure, that you use to create, assign and, manage policy definitions in your Azure environment. Policy definitions describe resource compliance conditions and the effect to take if a condition is met.

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

13. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

Statements	Yes	No
You must install the software that you want to use with IaaS.	<input checked="" type="radio"/>	<input type="radio"/>
You must apply software updates when Consuming SaaS service.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Backup is an example of PaaS.	<input checked="" type="radio"/>	<input type="radio"/>

14. You need to ensure that when Azure Active Directory (AAD) users connect to it from 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 Identity Protection.**
- B. Azure Advanced Threat Protection.
- C. Azure AD Privileged Identity Management
- D. Azure AD Connect health.

<https://learn.microsoft.com/en-us/azure/active-directory/identity-protection/overview-identity-protection>

15. 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 minimum. You recommend that the company subscribes to the Professional Direct Support plan. Does this Solution meet the Goal. ?

- A. Yes
- B. No**

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

16. Which two types of customers are eligible to use Azure Government to develop a Cloud Solution?

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



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

17. 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?

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

18. Your Company is planning to move from an on-premise environment to Azure and you have decided to develop your application using Docker as the development environment. Which of the following is the best service to use for this scenario?

- A. Azure Virtual Machine.
- B. Azure Functions
- C. Azure Container Instances**
- D. Azure App Service

Azure Container Instances is a service that lets you run Docker containers on-demand in a managed, serverless Azure environment. Azure Container Instances is a solution for any scenario that can operate in isolated containers, without orchestration. Run event-driven applications, quickly deploy from your container development pipelines, and run data processing and build jobs.



19. What of the following are two characteristics of the Public Cloud?

- A. Dedicated Hardware
- B. Metered Pricing**
- C. Limited Storage
- D. Unsecured connections
- E. Self Service management**

20. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

With a consumption based plan, you pay a fixed rate for all data sent to or from virtual machines hosted in the cloud



With a consumption based plan, you reduce overall costs by paying only for extra capacity when it is required



Serverless computing is an example of consumption based plan



21. You have an Azure environment. You need to create a new Azure Virtual Machine from a tablet that runs the Android Operating System. What are the three possible options?

- A. **Use PowerShell in Azure Cloud Shell**
- B. **Use Bash in Azure Cloud Shell**
- C. Use PowerApps Portal
- D. **Use Azure Portal**
- E. Use the Security and compliance admin center.

22. A Company is planning on deploying Microsoft Azure resources to a resource Group (RG1) but the resources will belong to different locations. Can you have resources that belong to multiple locations in the same Resource Group?

A. Yes

B. No

A resource group is just a logical container that holds related resources for an Azure solution, and the resources in your resource group can belong to various locations.

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

23. You plan to provision Infrastructure as a service (IaaS) resource in Azure. Which three resources are example of IaaS?

A. Azure Web App

B. Azure Virtual Network

C. Azure Disk Storage

D. Azure Virtual Machine

E. Azure Logic App

24. SLA in Azure is a formal agreement between Microsoft and customer. Which factor is covered in SLA?

A. Availability

- B. Scalability
- C. Elasticity
- D. Durability

The Service Level Agreements (SLA) describe Microsoft's commitments for uptime and connectivity for Microsoft Online Services. Based on this statement, Availability is the factor which is covered in SLA.

25. You have an Azure Subscription named Subscription1. You Sign into 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 using this command

**Solution: From a Computer that runs Windows10, Install CLI. From command prompt. Sign into Azure and then run the command.**

Does this solution meet the Goal?

A. Yes

B. No

26. Select the answer that correctly completes the sentence.

An Azure Web App that requires to connect to a on-premise Microsoft SQL server is an example of \_\_\_\_\_ cloud

A. Hybrid

B. Private

C. Multi-Vendor

D. Public

27. You can track your company's regulatory standards and regulations such as ISO 27001 from Azure Cloud Shell.  
**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. Trust Center**
- C. Microsoft Cloud Partner Portal
- D. Compliance Manager

28. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

Azure provides flexibility between CapEx and OpEx.

If you create 2 Azure Virtual Machines that use E2s\_v3 size, each VM will generate same monthly cost

When a Virtual Machine is stopped , you continue to pay storage costs associated to the Virtual machine.

29. You have an on-premises application that sends email notifications automatically based on a rule and you plan to migrate this application to Azure. You need to recommend a serverless computing solution for the application. What should you include in the recommendation?

- A. Server Image from Azure Marketplace
- B. Azure API App
- C. Logic App**
- D. Azure Virtual Machine.

30. Your company has an Azure Subscription that contains resources in several regions. You need to ensure that users can create resources in only those regions?

- A. Azure Policy**
- B. Read only lock
- C. Management Group
- D. Reservation

31. Match the Azure governance features to the correct description.

**Instructions: To answer drag the appropriate feature from the column on the left to its description on the right. Each feature may be used only once.**

**Features**

**Answer Area**

Azure Blueprints

Azure Policy

Restrict which virtual machine types can be created in subscription.

Azure Policy

Azure tags

Identify Azure resources that are associated with specific cost centers.

Azure Resource Locks

Azure Blueprints

Deploy a complete Azure application environment including resources configuration and roles assignments.



34:15 / 4:03:44



32. 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 can be used to provide best video playback experience. Which feature will you recommend?
- A. an Azure ExpressRoute Circuit
  - B. a content delivery network (CDN)**
  - C. an Azure Traffic manager profile
  - D. an application gateway

33. Your developers have created 10 web applications that must be hosted on Azure and you need to determine which Azure web tier plan to use for hosting the web apps. The web tier plan must meet the following requirements.

- Web apps will use custom domains.
- each web app requires 10GB of storage.
- Web apps must run in dedicated computer instances.
- Load balancing between instances must be included.
- Costs must be minimized.

**Which Web tier plan should you use?**

- A. Basic
- B. Standard**
- C. Free
- D. Shared



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34. Select the appropriate option to complete the below sentence.

Data that is stored in the archive tier of an Azure storage account \_\_\_\_\_

- A. can only be read using azure backup
- B. must be restored before the data can be accessed
- C. can be accessed at any time using azcopy.exe
- D. must be rehydrated before the data can be accessed.**

<https://learn.microsoft.com/en-us/azure/storage/blobs/access-tiers-overview>

35. Match the Azure services to their correct description.

**Instructions: To answer drag the appropriate feature from the column on the left to its description on the right. Each feature may be used only once.**

**Features**

**Answer Area**

Azure IoT Hub

Azure Functions

Provides serverless computing functionalities

Azure Functions

Azure IoT Hub

Process data from millions of sensors

Azure Synapse Analytics

Azure Synapse Analytics

Provides a Cloud based Enterprise data warehouse solution.



Azure Machine Learning



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

**Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (AAD)**

Does the solution meet the goal?

A. Yes

B. No

37. Your company has an Azure Subscription that contains the following unused resources

- 20 user accounts in Azure Active Directory
- 10 public IP addresses
- 5 groups in Azure AD
- 10 network interfaces

You need to reduce the Azure cost for the company.

**Solution: You remove the unused Public IP addresses.**

Does the solution meet the goal?

A. Yes

B. No

38. You create a Resource group named RG1 in Azure Resource Manager. You need to prevent the accidental deletion of resources in RG1. Which of the below mentioned settings would you use?

- A. Deployment slots
- B. Locks**
- C. Policies
- D. Automation Script

As an administrator, you can lock an Azure subscription, resource group, or resource to protect them from accidental user deletions and modifications. The lock overrides any user permissions. You can set locks that prevent either deletions or modifications. These locks are called Delete and Read-only locks.

<https://learn.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources?tabs=json>

39. You have 1000 virtual machines hosted on the Hyper-V hosts in a data center. You plan to migrate all the virtual machines to pay-as-you-go subscription and need to identify which expenditure model to use for the planned solution. Which expenditure model would you identify?

- A. Capital
- B. Elastic
- C. Operational**
- D. Scalable

40. 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 Machine learning Designer**

- B. Azure Logic Apps  
C. Azure Cosmos DB  
D. Azure Batch

Azure Machine Learning designer is a drag-and-drop interface used to train and deploy models in Azure Machine Learning. It lets you Deploy a real-time inference pipeline to an online endpoint to make predictions on new data in real time.



41. Your company plans to automate the deployment of servers in 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 Multi Factor Authentication  
**B. Azure Key Vault**  
C. Azure Information Protection  
D. Azure Security Centre

42. Your company has an on-premises network that contains multiple servers. The company plans to reduce the following administrative responsibilities of network administrators:

- Backing up application data
- Replacing failed server hardware
- Managing physical server security
- Updating Server Operating Systems
- Managing permissions to Shared documents

The company plans to migrate several servers to Azure Virtual Machines. You need to identify which administrative responsibilities will be eliminated after the planned migration. Which two responsibilities should you identify?

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

43. You can deploy physical servers in which of the following cloud models?

- A. Private cloud only
- B. Private cloud and Hybrid Cloud only**
- C. Hybrid cloud only.
- D. Private cloud, hybrid cloud and public cloud

44. 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. Azure Key Vault
- B. Network Security Group (NSG)**
- C. Azure Active Directory (AAD)
- D. Network gateway

A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port, and protocol.

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



45. You can create Group policies in Azure Active Directory (Azure AD)?

True

False

45. You can create Group policies in Azure Active Directory (Azure AD)?

True

False

46. Microsoft Office 365, Gmail, Dropbox are examples of SaaS?

True

False

47. App Service, Azure Search and Azure CDN are examples of PaaS?

True

False

48. Your company needs to run 10 Windows Server 2016 and 20 Linux virtual machines on a regular basis and remove them after their task processing is finished. Which Azure Service should you use to minimize the administrative effort required to deploy and delete these virtual machines ?

**A. Azure DevTest Labs**

- B. Microsoft Virtual Desktop
- C. Azure Virtual Machine scale sets
- D. Azure reserved VM instances

Azure DevTest Labs helps developers and testers quickly create environments in Azure to deploy and test their applications. You can easily provision Windows and Linux machines in Labs using reusable templates and artifacts while minimizing waste and controlling cost.

49. What do you call the strategy of layering multiple security defenses on top of each other to provide stronger protection than any single mechanism alone?

- A. Azure Firewall
- B. Network Access control
- C. Azure AD Conditional access
- D. Defense in Depth**

Defense in depth is a strategy that employs a series of mechanisms to slow the advance of an attack that's aimed at acquiring unauthorized access to information. Each layer provides protection so that if one layer is breached, a subsequent layer is already in place to prevent further exposure.



50. You are building an application using Azure and you need a service that sends push notifications from the backend. Which Azure service can meet this requirement?

- A. Azure App Service
- B. Azure SignalR service
- C. Azure Notification Hubs**
- D. Azure cognitive search

51. What is one point of entry that combines access to multiple resources behind it in federated identity management?

- A. Single sign-on**
- B. Single registration
- C. Proxy sign-on
- D. Flow control

52. What does it mean when an Azure service feature is in private preview?

- A. The feature is being Beta tested by a limited number of Azure customers only.
- B. The feature is being Beta tested by Microsoft Azure employees.
- C. The feature is being Beta tested by Azure customers with enterprise subscription.**
- D. The feature has finished testing phase and only available to Azure customers with enterprise subscription.

53. A company wants to ensure its customer experience is minimally affected by any cloud resource failure while designing a cloud solution that will be deployed on Azure Cloud. Which of the following benefits of cloud computing should the company prioritize in its design plan ?

- A. Agility
- B. Scalability
- C. High availability**
- D. Elasticity

54. Match the Cloud Computing benefits 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 only once.

**Benefits**

**Answer Area**

Agility

Scalability

Resources can be provisioned dynamically to meet changing demands.

Geo-distribution

Geo-distribution

Applications and data can be deployed to multiple regions.

Scalability

Agility

Applications can be developed, tested and launched rapidly.



55. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

A Company can extend the capacity of its Internal network by using Public Cloud.

Only guest users at your company can access the resources of the cloud in a public cloud model.

A Company must always migrate from a private cloud model to achieve a hybrid cloud model.

56. Select the answer that correctly completes the sentence.

You can use Azure File Sync agent to sync on-premise data to an azure \_\_\_\_\_

- A. Queue
- B. File share**
- C. Blob container
- D. Data lake storage container

<https://learn.microsoft.com/en-us/azure/storage/file-sync/file-sync-deployment-guide?tabs=azure-portal%2Cproactive-portal>

57. What is the function of a Site-to-Site VPN?
- A. **Provides a connection from on-premise VPN device to an Azure VPN gateway**
  - B. Provides a dedicated private connection to Azure that doesn't travel over internet
  - C. Provides a secure connection between a computer on public network and a corporate network
  - D. None of the above.

58. Your organization needs to develop a storage tier policy for data that is considered to be short term data backup and disaster recovery. Which storage tier would you assign to this data?
- A. Archive
  - B. Warm
  - C. Cool**
  - D. Hot



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59. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

Each Azure subscription can contain multiple account administrators.

An Azure subscription can contain multiple Resource groups

An Azure subscription can be managed by using a Microsoft account only

60. At which layer of OSI does ExpressRoute Operate?

A. Layer 3

B. Layer 2

C. Layer 7

D. Layer 5

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

A. Service Tags only

B. IP Addresses only

C. Application Security groups only

D. IP Addresses, Service Tags and Application Security groups

62. You are an administrator who much assign a role to a new employee. The employee needs to be able to have read-only access to all resources. Which role should you assign the employee using the principle of least privilege ?

- A. User access administrator
- B. Reader**
- C. Contributor
- D. Owner

63. Which factor always increases your network costs no matter how your Azure topology is constructed?

- A. Port Speed
- B. The amount of inbound data
- C. Data transfer within same availability Zone
- D. The amount of outbound data**

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

64. What is the longest term for which you can purchase your Azure reserved VM instances?

- A. one year
- B. two years
- C. three years**
- D. five years

65. Which Azure Service provides a graphical way to model business processes as a series of steps?

- A. API Apps
- B. Azure Logic Apps**
- C. Azure Service Fabric
- D. Azure Functions

66. Which of the following permissions you need to delete an Azure Blueprint? (Choose three)

- A. Microsoft.Blueprint/blueprints/delete**
- B. Microsoft.Blueprint/blueprints/artifacts/delete**
- C. Microsoft.Blueprint/blueprintAssignments/delete
- D. Microsoft.Blueprint/blueprints/versions/delete**
- E. Microsoft.Blueprint/blueprints/versions/write

67. You have an Azure subscription and multiple windows10 devices. You need to ensure that only users whose devices have latest security patches installed can access Azure AD integrated applications. What should you implement?

- A. Azure Bastion
- B. Azure Firewall
- C. Azure Policy
- D. Conditional access policy**

68. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

69. Which built-in role gives you access to manage blueprint definitions but not assign them?

- A. Blueprint Operator
- B. Blueprint Contributor**
- C. Owner
- D. Contributor

<https://learn.microsoft.com/en-us/azure/governance/blueprints/overview#permissions-in-azure-blueprints>

70. Select the statement which is true about Azure China?

- A. Azure China is operated by Microsoft.
- B. Workloads deployed in Azure China can be accessed from China only.
- C. Azure China is a physically separated instance of cloud services located in China.**
- D. Azure China doesn't have a feature parity gap with Azure Global

71. You have an Azure Virtual machine that is accessed only from 9:00AM – 5:00PM each day. What should you do to minimize costs but preserve the associated hard disks and data ?

- A. Resize the Virtual Machine
- B. Scale down the Virtual Machine
- C. Delete the Virtual Machine
- D. Deallocate the Virtual Machine**

72. Your company has an Azure Subscription that contains the following unused resources. Save access to these resources in Azure?

- 20 user accounts in Azure Active Directory
- 10 public IP addresses
- 5 groups in Azure AD
- 10 network interfaces

You need to reduce the Azure cost for the company. Which of the following unused resources should you remove?

- A. Public IP addresses**
- B. Network interfaces
- C. Azure AD groups
- D. Azure AD user accounts

73. Your company is planning on hosting resources in Azure. Is it possible for outside users to have access to these resources in Azure?

Yes

No

74. You can use Availability Zones in Azure to protect Azure virtual machines from a region failure?

Yes

No

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

Yes

No



76. A Company needs to deploy their servers to the Azure Cloud. The Servers network segment must be segregated in order to comply with the company's security policy. Which is the most efficient way to deploy a server that meets this requirement?

- A. Deploy to another resource group
- B. Expand to another AZ
- C. Use a different account to isolate resources
- D. Deploy a new Azure Virtual Network (VNet)**

An Azure Virtual Network (VNet) is a representation of your own network in the cloud. It is a logical isolation of the Azure cloud dedicated to your subscription. You can use VNets to provision and manage virtual private networks (VPNs) in Azure and, optionally, link the VNets with other VNets in Azure, or with your on-premises IT infrastructure to create hybrid or cross-premises solutions



77. Select one of the options to complete the statement below.  
"If the resource group named MyResourceGroup has a delete lock, \_\_\_\_\_"
- A. **The delete lock must be released in order for the administrator to delete the MyResourceGroup**  
B. Only members of Global administrators group can delete MyResourceGroup.  
C. Administrator needs to add an Azure tag in order to delete MyResourceGroup.  
D. Administrator needs to change Azure policy in order to delete MyResourceGroup.

78. Your company needs to run multiple Windows 2019 server and Linux Virtual machines on a regular basis and remove them after their task processing is finished, Which Azure Service should you use to minimize the administrative effort required to deploy and delete these virtual machines?
- A. Azure reserved Virtual Machine instances  
B. Microsoft Virtual Desktop  
C. Azure Virtual Machine ScaleSet  
**D. Azure DevTest Labs**

Azure DevTest Labs is a service for easily creating, using, and managing infrastructure-as-a-service (IaaS) virtual machines (VMs) and platform-as-a-service (PaaS) environments in labs. Labs offer preconfigured bases and artifacts for creating VMs, and Azure Resource Manager (ARM) templates for creating environments like Azure Web Apps or SharePoint farms.

79. Select the answer that correctly completes the sentence.  
**When you are implementing a Software as a Service (SaaS) solution, you are responsible for \_\_\_\_\_**
- A. Defining scalability rules  
B. Configuring High availability  
C. Installing the SaaS solution  
**D. Configuring the SaaS solution**

80. Match the Azure Service with their correct description.

**Instructions: To answer drag the appropriate service from the column on the left to its description on the right. Each service may be used only once.**

Azure Service

Answer Area

IoT Hub

IoT Hub

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

IoT Central

Azure Sphere

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

Azure Sphere

IoT Central

A fully managed SaaS solution to connect, monitor and manage IoT devices at scale.

81. Which of the following is the least expensive storage replication option?

- A. Geo Zone redundant storage (GZRS)
- B. Locally redundant storage (LRS)**
- C. Zone redundant storage (ZRS)
- D. Geo redundant storage (GRS)

LRS is the lowest-cost redundancy option and offers the least durability compared to other options. LRS protects your data against server rack and drive failures. However, if a disaster such as fire or flooding occurs within the data center, all replicas of a storage account using LRS may be lost or unrecoverable. To mitigate this risk, Microsoft recommends using zone-redundant storage (ZRS), geo-redundant storage (GRS), or geo-zone-redundant storage (GZRS)

82. Azure Active Directory lets you set dynamic membership rules?

Yes

No

83. Azure Cloud Shell can be accessed from a web browser on a Linux computer?

Yes

No

84. Authentication is the process of establishing which level of access an authenticated user of service has?

Yes

No

85. What should you use in Azure Sentinel to see visualization of an Incident in relation to alert and entities?

- A. Workbook
- B. Investigation graph**
- C. Connector
- D. Analytics rule

The investigation graph provides you with:

- Visual context from raw data
- Full investigation scope discovery
- Built-in investigation steps

<https://learn.microsoft.com/en-us/azure/sentinel/investigate-cases#use-the-investigation-graph-to-deep-dive>

86. Which of the following can you use to view which user turned off a specific virtual machine during the last 14 days?
- A. Azure Access Control IAM
  - B. Azure Activity log**
  - C. Azure Event Hubs
  - D. Azure Service health

The Azure Monitor activity log is a platform log in Azure that provides insight into subscription-level events. The activity log includes information like when a resource is modified or a virtual machine is started. You can view the activity log in the Azure portal or retrieve entries with PowerShell and the Azure CLI. Activity log events are retained in Azure for 90 days and then deleted.

<https://learn.microsoft.com/en-us/azure/azure-monitor/essentials/activity-log?tabs=powershell>

87. You need to implement a serverless solution satisfying the below requirements
- You only pay for the time that your code runs
  - Execution is triggered via a HTTP request
- Which azure service should you use to implement this requirement ?
- A. Azure SQL database
  - B. Azure Functions**
  - C. Azure Virtual Machine
  - D. Azure database for PostgreSQL



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88. Which azure component provides information about Azure service incidents and planned maintenance so you can take action to mitigate downtime?
- A. Azure Monitor
  - B. Azure Security Center
  - C. Azure Advisor
  - D. Azure Service Health**

<https://azure.microsoft.com/en-us/get-started/azure-portal/service-health/>

89. A Company is considering using Linux-based Azure Container instances to deploy a simple application. The application runs as a stateful application. Which service can be used to provide storage to retrieve and persist data?
- A. Azure Blob Storage
  - B. Azure Disk Storage
  - C. Azure Archive Storage
  - D. Azure Files**

<https://learn.microsoft.com/en-us/azure/storage/files/storage-files-introduction#why-azure-files-is-useful>

90. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

91. Azure Sentinel uses playbook to perform which of the following tasks ?

- A. **Automatically respond to threats**
- B. Monitor Azure services
- C. Maintain Security certificates
- D. Run PowerShell scripts

Some of the examples:

- Respond to an analytics rule that indicates a compromised user, as discovered by Azure AD Identity Protection
- Respond to an analytics rule that indicates a compromised machine, as discovered by Microsoft Defender for Endpoint

<https://learn.microsoft.com/en-us/azure/sentinel/automate-responses-with-playbooks>

92. Which feature of Azure monitor allows you to visually analyse telemetry data by integrating with visual studio ?

- A. Service Health
- B. Alerts
- C. Application Insights
- D. Metrics

93. Which of the following is required to access Azure Cloud Shell?

- A. Virtual Machine
- B. Azure Web App
- C. Azure Containers
- D. Storage Account**

Cloud Shell requires a storage account to host the mounted Azure Files share which is used to persist files across sessions.

<https://learn.microsoft.com/en-us/azure/cloud-shell/overview#pricing>

<https://learn.microsoft.com/en-us/azure/cloud-shell/persisting-shell-storage>

94. Which of the following Azure service provides serverless workflow orchestration to let you integrate apps, data, systems or organizations?
- A. Azure Bot Service
  - B. Azure Logic Apps**
  - C. Azure Functions
  - D. Azure Event Grid

Azure Logic Apps is a cloud platform where you can create and run automated workflows with little to no code. By using the visual designer and selecting from prebuilt operations, you can quickly build a workflow that integrates and manages your apps, data, services, and systems.

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



95. A Company needs to implement Azure policies to automatically add a watermark to Microsoft word documents that contain credit card information. Which Azure service can they utilize to implement the requirement?
- A. Microsoft Defender for Cloud
  - B. Azure Information Protection (AIP)**
  - C. Azure Active Directory Identity Protection
  - D. Microsoft Sentinel

Azure Information Protection (AIP) is a cloud-based solution that enables organizations to classify and protect documents and emails by applying labels. One such example is your administrator might configure a label with rules that detect sensitive data, such as credit card information.

<https://learn.microsoft.com/en-us/azure/information-protection/aip-classification-and-protection>



96. Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment. You plan to host the web app on Azure.

You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:

- The website will use the miami.weyland.com URL.
- The website will be deployed to two instances.
- SSL support must be included.
- The website requires **12 GB of storage**.
- Costs must be minimized.

Which web tier plan should you use?

- A. Basic
- B. Standard**
- C. Shared
- D. Free



97. 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. a local network gateway
- B. Azure Service Bus
- C. network security groups (NSGs)**
- D. a route filter

You can use an Azure network security group to filter network traffic between Azure resources in an Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

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



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

### Answer Area

When planning to migrate a public website to Azure.

You must plan to

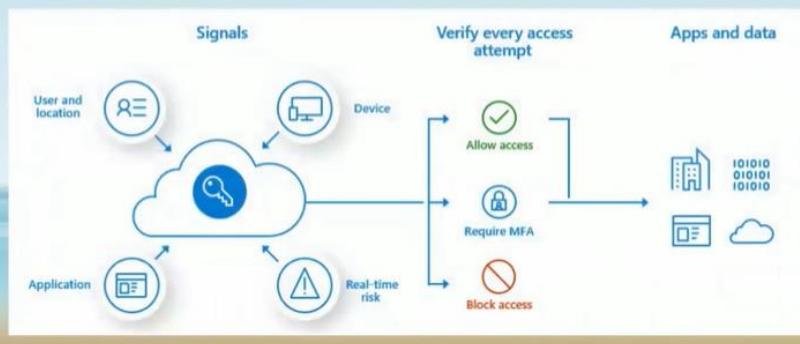
- |   |
|---|
| <b>pay monthly usage costs.</b>                 |
| deploy a VPN                                    |
| pay to transfer all the website data to azure   |
| reduce the number of connections to the website |

99. Conditional access uses signals collected from a user during the sign-in process to decide whether to allow or deny user requests?

Yes

No

<https://learn.microsoft.com/en-us/azure/active-directory/conditional-access/overview>



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

Yes

No

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

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



101. Deploying your own datacenter is an example of CapEx

Yes

No

Deploying your own datacenter is an example of CapEx. This is because you need to purchase all the infrastructure upfront before you can use it.

In Operational Expenditure (OpEx) there is No upfront cost but you pay for the service/product as you use it.

<https://youtu.be/fJGXcnfUVoA>

102. Which of the following should you use to evaluate whether your company's Azure environment meets regulatory requirements?

- A. Azure Service Health
- B. Microsoft Defender for Cloud**
- C. Azure Knowledge Center
- D. Azure Advisor

Microsoft Defender for Cloud continually compares the configuration of your resources with requirements in industry standards, regulations, and benchmarks. The regulatory compliance dashboard provides insights into your compliance posture based on how you're meeting specific compliance requirements.

<https://learn.microsoft.com/en-us/azure/defender-for-cloud/update-regulatory-compliance-packages>

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

- A. Feature availability
- B. Bandwidth
- C. Uptime**
- D. Performance

<https://www.microsoft.com/licensing/docs/view/Service-Level-Agreements-SLA-for-Online-Services?lang=1>

104. 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. a virtual machine data disk
  - B. a File service in a storage account**
  - C. a Blob service in a storage account
  - D. an Azure SQL database

Azure Files is Microsoft's easy-to-use cloud file system. Azure file shares can be seamlessly used in Windows and Windows Server. To use an Azure file share with Windows, you must either mount it, which means assigning it a drive letter or mount point path, or access it via its UNC path.

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



105. 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. Virtual machine scale sets
  - B. Azure API Management service
  - C. Management groups
  - D. Azure Resource Manager templates**

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

106. Which node in the Azure portal should you use to assign a user the Reader role for a resource group?

- A. User access management
- B. Policy Hub
- C. Access Control (IAM)**
- D. User role management

The screenshot shows the Azure portal interface for 'Automation | Access control (IAM)'. The left sidebar includes links for Overview, Activity log, Access control (IAM), Tags, and Resource visualizer. The main content area has a search bar and buttons for '+ Add', 'Download role assignments', 'Edit columns', 'Refresh', and 'X'. A red box highlights the '+ Add' button, which is labeled 'Add role assignment'. Below it are options for 'Add co-administrator' and 'Add custom role'. At the bottom of the content area is a blue 'View my access' button.

107. To deploy an application to a number of Azure virtual machines, you should create a universal group.

**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
- C. deployment**
- D. security

<https://learn.microsoft.com/en-us/azure/devops/pipelines/release/deployment-groups/?view=azure-devops>

108. Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses. You plan to deploy SQL Server on Azure virtual machines. What should you do to minimize licensing costs for the deployment?

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

Azure Hybrid Benefit is a licensing benefit that helps you to significantly reduce the costs of running your workloads in the cloud. It works by letting you use your on-premises Software Assurance-enabled Windows Server and SQL Server licenses on Azure.

<https://azure.microsoft.com/en-us/pricing/hybrid-benefit/>



109. If Windows server or Microsoft SQL Server licenses covered by

	▼
An End user license agreement (EULA)	
Microsoft Lifecycle Policy	
<b>Software Assurance</b>	

, you can repurpose the licenses on Azure Virtual machines.

109. If Windows server or Microsoft SQL Server licenses covered by

▼
An End user license agreement (EULA)
Microsoft Lifecycle Policy
<b>Software Assurance</b>

, you can repurpose the licenses on Azure Virtual machines.

110. A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).

Yes

No

111. You can manage an on-premises windows server as an Azure resource by using which of the following?

- A. **Azure Arc**
- B. Azure AD connect
- C. Azure VPN gateway
- D. Azure Pipelines agent

Azure Arc is a service that allows you to manage on-premises servers and other resources as part of your Azure hybrid environment. With Azure Arc, you can use the same tools, APIs, and portals that you use to manage Azure resources to manage your on-premises resources as well.

<https://learn.microsoft.com/en-us/azure/azure-arc/servers/overview>

112. Which of the following uses inbound and outbound rules to filter network traffic to and from Azure resources connected to Azure Virtual Networks?

- A. Internal Load Balancer
- B. Application Security Group
- C. Network Security Group**
- D. Public Load Balancer

You can use an Azure network security group to filter network traffic between Azure resources in an Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port, and protocol.

113. Trust Center provides information about the Azure Compliance offering?

Yes

No

114. You can improve composite SLA by adding redundant service to your application?

Yes

No

115. All Azure services in private preview must be accessed by using separate Azure Portal?

Yes

No



116. Which of the following is Microsoft's managed network security service in Azure that protects Azure Virtual Network resources?
- A. Azure Bastion
  - B. Application Security Group
  - C. Azure Sentinel
  - D. Azure Firewall**

Azure Firewall is a cloud-native and intelligent network firewall security service that provides the best of breed threat protection for your cloud workloads running in Azure. It's a fully stateful, firewall as a service with built-in high availability and unrestricted cloud scalability.

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

117. 

	▼
Azure Data Factory	
Azure DevOps	
<b>Azure Databricks</b>	
Azure Synapse Analytics	

 is an Apache spark based analytics service?

Azure Databricks is a fast, easy, and collaborative Apache Spark-based big data analytics service designed for data science and data engineering. It allows you to seamlessly integrate with open source libraries, Spin up clusters and build quickly in a fully managed Apache Spark environment with the global scale and availability of Azure.

<https://azure.microsoft.com/en-au/products/databricks>

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

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

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

- Git: distributed version control
- Team Foundation Version Control (TFVC): centralized

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

119. You have a virtual machine named VM1 that runs Windows Server 2019. VM1 is in the Australia East 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 virtual machines
- B. Azure Service Fabric
- C. Azure Monitor**
- D. Azure Advisor

Azure Monitor is a comprehensive monitoring solution for collecting, analyzing, and responding to telemetry from your cloud and on-premises environments. You can use Azure Monitor to maximize the availability and performance of your applications and services.

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



120. Which Azure Storage access tier has the highest storage costs, but the lowest access costs?

- A. Hot tier
- B. Cool tier
- C. Cold tier
- D. Archive tier

<https://learn.microsoft.com/en-us/azure/storage/blobs/access-tiers-overview?tabs=azure-portal>

121.


Microsoft Trust Center
<b>Microsoft Purview Compliance portal</b>
Microsoft 365 Defender portal
Microsoft Defender for Cloud in Azure Portal

provides in-depth information about security, privacy, compliance offerings, policies and features across Microsoft Cloud Products?

122. Premium block blob storage accounts only support which of the following redundancy?

- A. Geo Zone redundant Storage(GZRS)
- B. Geo redundant Storage (GRS)
- C. Locally redundant Storage (LRS)
- D. Zone redundant Storage (ZRS)**

ZRS for Premium block blobs accounts is available in a subset of Azure regions

<https://learn.microsoft.com/en-us/azure/storage/common/storage-redundancy#premium-block-blob-accounts>

<https://learn.microsoft.com/en-us/azure/storage/common/redundancy-regions-zrs#premium-block-blob-accounts>

123. Which of the following can be used to enable Just in time (JIT) VM access?

- A. Azure Firewall
- B. Azure Bastion
- C. Microsoft Defender for Cloud**
- D. Azure Front Door

You can use Microsoft Defender for Cloud's just-in-time (JIT) access to protect your Azure virtual machines (VMs) from unauthorized network access. Many times firewalls contain allow rules that leave your VMs vulnerable to attack. JIT lets you allow access to your VMs only when the access is needed, on the ports needed, and for the period of time needed.

<https://learn.microsoft.com/en-us/azure/defender-for-cloud/just-in-time-access-usage>

124. What is the minimum recommended data retention period for archive access tiers of Azure Storage?

30

60

90

180

125. What is the minimum recommended data retention period for cool access tiers of Azure Storage?

15

30

60

90

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

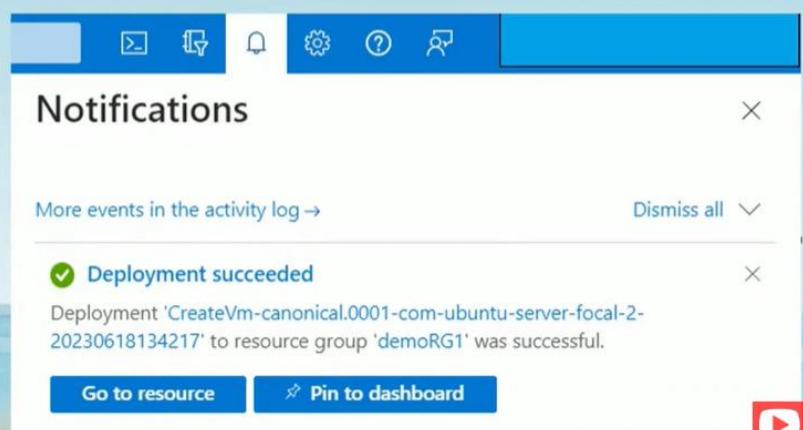
- A. an application security group
- B. a network security group (NSG)
- C. Azure key vault
- D. Azure Firewall**

127. 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?

- A. Local Network Gateway
- B. Application network gateway
- C. Virtual network gateways
- D. Load balancers

128. You are developing a web application that will be hosted on Virtual machines. You start deploying Azure Virtual machines for hosting the application. Where in the Azure portal will you be notified when the deployment of Virtual Machines is complete?

- A. Navigate section
- B. Activity Log section
- C. Notifications section
- D. View Account section



129. Azure SQL database allows users to perform patch management of database software?

Yes

No

Azure SQL database is an always-up-to-date, fully managed relational database service built for the cloud. It is a PaaS (Platform as a Service) offering so you don't have access to underlying infrastructure.

<https://youtu.be/OE4EmA2u6rA>

<https://azure.microsoft.com/en-au/products/azure-sql/database>

130. Azure DevOps Services allows developers to deploy or update applications to Azure using continuous Integration/Continuous Delivery (CI/CD) pipelines ?

Yes

No

Azure Pipelines which is part of Azure DevOps services lets you Continuously build, test, and deploy to any platform and cloud. You can build, test, and deploy Node.js, Python, Java, PHP, Ruby, C/C++, .NET, Android, and iOS apps and run them in parallel on Linux, macOS, and Windows.

<https://azure.microsoft.com/en-au/products/devops/pipelines>

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

**Answer Area**

An organization that hosts its infrastructure

in a Private Cloud
in a Hybrid Cloud
<b>in a Public Cloud</b>
on a Hyper-V host

no longer requires a data center

132. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

**Statements**

**Yes**

**No**

Data transfers between Azure services located in different azure regions is always free.

North America is represented by a single Azure region

Every Azure region has multiple datacenters.

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

**Answer Area**

Requiring a user to enter a password and answer a security question when signing in to azure active directory is an example of

managed identities
<b>multi-factor authentication (MFA)</b>
role-based access control (RBAC)
business-to-customer (B2C) identity services

134. Azure Key Vault is used to store app secrets.

**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 Security Center
- C. Azure Repos
- D. Azure Blob Storage

135. Which of the following can be used to view which user turned off a specific Virtual machine during the last 14 days?

- A. Azure Event Hubs
- B. Azure Activity Log**
- C. Azure Access Control IAM
- D. Azure Service Health

136. What is used to grant permission to Azure Virtual Desktop resources?

- A. Resource groups
- B. Application security groups
- C. Tags
- D. Role-based access control (RBAC) roles**

Azure Virtual Desktop uses Azure role-based access control (RBAC) to control access to resources. There are a number of built-in roles for use with Azure Virtual Desktop which is a collection of permissions. You assign roles to users and admins and these roles give permission to carry out certain tasks.

<https://learn.microsoft.com/en-us/azure/virtual-desktop/rbac>

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

**Answer Area**

Azure Total Cost of Ownership (TCO) calculator
Azure Migrate: Server Assessment tool
Azure Pricing Calculator
Database Migration assistant

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

138. Which of the following runs application code in Azure without requiring a Server?

- A. Azure Functions**
- B. An Azure DevOps pipeline
- C. An Azure Resource Manager Template
- D. Azure application Gateway

Azure Functions is a serverless solution that allows you to write less code, maintain less infrastructure, and save on costs. Instead of worrying about deploying and maintaining servers, the cloud infrastructure provides all the up-to-date resources needed to keep your applications running.

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

139. Select the answer that correctly completes the sentence

**Answer Area**

Azure Resource Manager (ARM) Templates use the

CSV format
<b>JSON format</b>
HTML format
XML format

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

140. If an Azure Virtual Machine has a status of Stopped (deallocated) then you will continue to pay for which of the following ?

- A. Storage**
- B. Compute Capacity
- C. Networking
- D. I/O operations

141. What do you need to create before you can create a new file share from the Azure portal?

- A. Azure Data Box
- B. Resource Group
- C. Azure Migrate
- D. Storage Account**

Before you can work with an Azure file share, you must create an Azure storage account. A storage account is a shared pool of storage in which you can deploy an Azure file share or other storage resources, such as blobs or queues. A storage account can contain an unlimited number of shares. A share can store an unlimited number of files, up to the capacity limits of the storage account.

<https://learn.microsoft.com/en-us/azure/storage/files/storage-files-quick-create-use-windows#create-a-storage-account>

142. 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?

- A. Azure portal**
- B. Windows PowerShell
- C. Azure Storage Explorer
- D. Azure Cloud Shell**
- E. Azure CLI

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

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

**A. DDoS protection**

- B. Azure Firewall
- C. Network Security group
- D. Azure Information Protection

A DDoS attack attempts to exhaust an application's resources, making the application unavailable to legitimate users. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

<https://learn.microsoft.com/en-us/azure/ddos-protection/ddos-protection-overview>

144. Match the cloud service models to the appropriate offerings.

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

**Models**

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

**Answer Area**

Platform as a service (PaaS)

Azure App Service

Infrastructure as a service (IaaS)

Azure Virtual machines

Software as a service (SaaS)

Microsoft Dynamics 365

145. You can use Azure Active Directory to set permissions by dividing users into groups?

Yes

No

Azure Active Directory (Azure AD) provides several ways to manage access to resources, applications, and tasks. With Azure AD groups, you can grant access and permissions to a group of users instead of for each individual user. Limiting access to Azure AD resources to only those users who need access is one of the core security principles of Zero Trust.

<https://learn.microsoft.com/en-us/azure/active-directory/fundamentals/concept-learn-about-groups>

146. Azure Logic Apps is a serverless solution for running code?

Yes

No

Azure Logic Apps is not a code execution solution like Azure functions. Azure Logic Apps is a cloud platform where you can create and run automated workflows with little to no code. By using the visual designer and selecting from prebuilt operations, you can quickly build a workflow that integrates and manages your apps, data, services, and systems.

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

147. You need to manage containers. Which of the two Azure services can you use?

- A. Azure Container Instances
- B. Azure Virtual machines
- C. Azure Kubernetes Service (AKS)
- D. Azure Virtual Desktop
- E. Azure Functions

148. Select the answer that correctly completes the sentence

After you create a virtual machine, you need to modify the \_\_\_\_\_ to allow connections to TCP port 8080 on the \_\_\_\_\_ Virtual machine

<input checked="" type="checkbox"/>	Network Security Group (NSG)
<input type="checkbox"/>	Route Table
<input type="checkbox"/>	Virtual network gateway
<input type="checkbox"/>	Virtual network

You can use an Azure network security group to filter network traffic between Azure resources in an Azure virtual network. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources. For each rule, you can specify source and destination, port, and protocol.

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



149. You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription. What should you use?

- A. Microsoft Defender for Cloud
- B. Azure subscriptions
- C. Microsoft Store
- D. Azure Marketplace**

You can access enhanced network security features provided by a virtual security appliance by using an Azure partner solution. You can find the most current Azure partner network security solutions by visiting the Azure Marketplace, and searching for "security" and "network security."

<https://learn.microsoft.com/en-us/azure/security/fundamentals/network-overview#virtual-network-security-appliances>

150. An Azure service is no longer updated with new features after it becomes generally available?

Yes

No

151. When you create Azure resources for a service in public preview, you must recreate the resources once the service becomes generally available ?

Yes

No

152. Select the answer that correctly completes the sentence

	▼
Azure Reserved Virtual Machine instances	
Azure Container instances	
Azure Virtual machine scale sets	
<b>Azure Spot Virtual machine instances</b>	

Provides access to Azure compute capacity at deep discounts.

153. Your company has multiple 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. Policies
  - B. Tags**
  - C. Locks
  - D. Templates

You can use tags to group your billing data. If you're running multiple VMs for different organizations, for example, use the tags to group usage by cost center. You can also use tags to categorize costs by runtime environment, such as the billing usage for VMs running in the production environment.

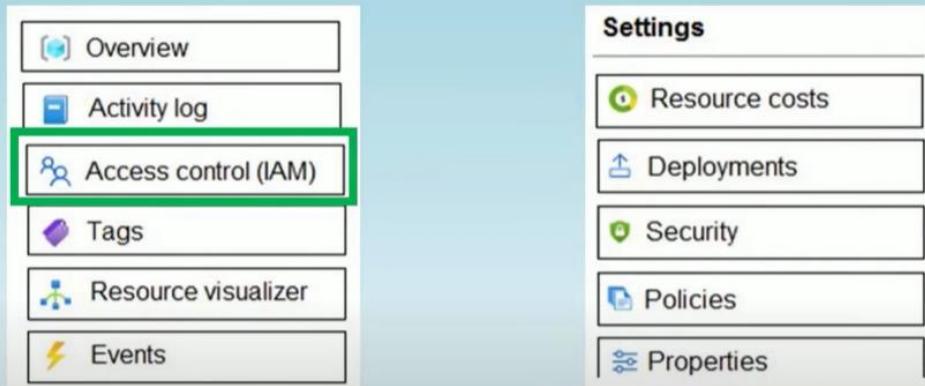
<https://learn.microsoft.com/en-us/azure/azure-resource-manager/management/resources#tags-and-billing>



154. At which OSI layer does ExpressRoute operate?

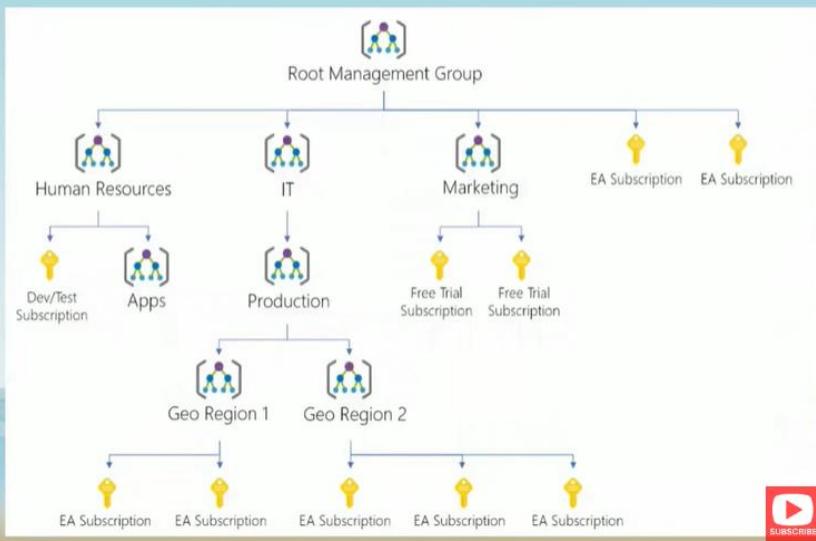
- A. Layer 2
- B. Layer 3**
- C. Layer 5
- D. Layer 7

155. Which node in the Azure portal should you use to assign a user the Reader role for a resource group?



156. A company is planning to deploy resources to Azure. They want to have the ability to manage user access to resources across multiple subscriptions. Which of the following can help you achieve this requirement ?

- A. Azure Policies
- B. Resource Groups
- C. Azure App Service
- D. Management Groups**



157. Which of the following does a customer provide in a software as a service (SaaS) model?

- A. Application data**
- B. Compute resources
- C. Application software
- D. Data storage



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

**Answer Area**

Your Azure trial account expired last week.

You are now unable to

- |  |
|--|
| access the Azure Portal                                |
| create additional Azure Active Directory user accounts |
| access your data stored in Azure                       |
| <b>start an existing Azure Virtual machine</b>         |

159. 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. 10 virtual network gateways
- B. One network security group (NSG)
- C. 10 Azure ExpressRoute circuits
- D. One Azure firewall**

160. You have an accounting application named App1 that uses a legacy database. You plan to move App1 to the cloud. Which service model should you use?

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

161. You need to collect and automatically analyze security events from Azure Active Directory (Azure AD). What should you use?
- A. Azure Synapse Analytics
  - B. Azure AD Connect
  - C. Azure Key Vault
  - D. **Microsoft Sentinel**

Microsoft Sentinel (formerly known as Azure Sentinel) is a cloud-native security information and event management (SIEM) solution offered by Microsoft. It is specifically designed to provide intelligent security analytics and threat intelligence across your organization's entire hybrid infrastructure, including Azure AD.

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

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

#### Answer Area

Azure Distributed Denial of Service (DDoS) Protection is an example of a protection mechanism implemented at the

	▼
Application Layer	
Compute Layer	
Network Layer	
Perimeter Layer	

163. 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?

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

164. For each of the following statements, Select Yes if the statement is true. Otherwise, Select No?

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

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)

Azure Files is an example of Infrastructure as a  
Service (IaaS)

165. Which of the following Azure Service should you use to store certificates?

- A. **Azure Key Vault**
- B. Azure Information Protection
- C. Azure Storage account
- D. Azure Security Center

Azure Key Vault is a cloud-based service provided by Microsoft Azure that is specifically designed for securely storing and managing cryptographic keys, secrets, certificates, and other sensitive information. It provides a central repository for storing certificates and offers features such as secure key management, policy-based access control, and integration with other Azure services.

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

166. A company is planning on using their Microsoft Azure Free Account for hosting production-based resources. Does the Azure Free Account allow you to host production-based resources?

Yes

No

The Azure free account provides access to all Azure services and does not block customers from building their ideas into production. The Azure free account includes certain types of specific services and certain amounts of those services for free.

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

167. A company wants to migrate some scripts to Microsoft Azure. They want to make use of the serverless features available in Azure. They decide to make use of Azure Functions. Would this meet the requirement?

Yes

No

By leveraging Azure Functions, you can migrate your scripts to Azure and take advantage of the serverless architecture, which provides benefits such as automatic scaling, pay-per-use pricing, and simplified management. With Azure Functions, you only pay for the actual execution time of your code, making it a cost-efficient option for running scripts and small workloads.

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

168. Which of the following are considered vertical scaling in a cloud environment?

- A. Provision additional containers
- B. Increase the CPU and RAM of a virtual machine**
- C. Increase the number of virtual machines
- D. Provision an additional Azure dedicated host

Vertical scaling, also known as scaling up or scaling vertically, refers to increasing the resources (such as CPU, RAM, storage) of an individual virtual machine or server to handle increased workloads or demands. It involves upgrading the capacity of a single instance rather than adding more instances.

<https://learn.microsoft.com/en-us/azure/well-architected/scalability/design-scale#understand-horizontal-and-vertical-scaling>

169. A company wants to host a set of tables in Microsoft Azure. They want absolute zero administration of the underlying infrastructure and low latency access to data. You recommend using the Azure Cosmos DB. Would this meet the requirement?

Yes

No

Azure Cosmos DB handles the underlying infrastructure management tasks, such as provisioning, patching, and backups, on behalf of the user. This allows developers and businesses to focus on building applications and accessing data without worrying about managing servers or infrastructure.

<https://azure.microsoft.com/en-au/products/cosmos-db>

170. A company is planning on setting up a solution in Microsoft Azure and one of the key requirement is “A tool that provides guidance and recommendations to improve an Azure environment”. Which of the following would be best suited for this requirement?
- A. Azure Cognitive Services
  - B. Azure DevOps
  - C. Azure Application Insights
  - D. Azure Advisor**

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

171. Your development team needs to maintain multiple versions of files in Azure Blob Storage for auditing purposes. Which Azure feature can help you achieve file versioning?

- A. **Azure Blob versioning**
- B. Azure Blob snapshots
- C. Azure Blob lifecycle management
- D. Azure Blob soft delete

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

173. To reduce costs, your organization wants to automatically shut down VMs during non-business hours and start them up again in the morning. What Azure service should you configure for this purpose?

- A. Azure Policy
- B. Azure Logic Apps
- C. Azure Monitor
- D. Azure Automation**

174. Your organization requires detailed auditing of who accesses and modifies data in Azure Blob Storage. Which Azure feature or service provides access logs and audit trails?

- A. Azure Security Center
- B. Azure Monitor
- C. Azure Blob storage analytics**
- D. Azure Sentinel

175. Your company plans to migrate to Azure and 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 resources for the departments?

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

176. 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.

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

**View Security recommendations**

Monitor
Subscription
Market Place
<b>Advisor</b>

**Monitor the health of Azure Services**

<b>Monitor</b>
Subscription
Market Place
Advisor

177. Azure DevOps Services includes a Git repository for developers to store code.

Yes

No

178. If you implement the security recommendations provide by Azure Advisor, your company's secure score will increase.

Yes

No

177. Azure DevOps Services includes a Git repository for developers to store code.

Yes

No

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

Yes

No

179. An Azure Reservation is used to reserve server capacity at a specific data center.

Yes

No



180. Who should take the lead in developing and implementing a disaster recovery plan for applications running on Azure Virtual Machines?

- A. Microsoft Azure
- B. The customer**
- C. A third-party provider
- D. Azure Site Recovery service

181. Your company stores sensitive customer data in Azure. Which Azure service helps you automatically classify and label data based on its sensitivity to enforce data protection policies?

- A. Azure Purview**
- B. Azure Monitor
- C. Azure Policy
- D. Azure Key Vault

182. A company needs to create around 50 customized Virtual Machines. Out of these, 20 are Windows based virtual machines and 30 are Ubuntu machines. Which of the following would help reduce the administrative effort required to deploy the machines ?

- A. Azure Web Apps
- B. Azure Load Balancer
- C. Azure Virtual Machine Scale Sets**
- D. Azure Traffic Manager

183. Which of the following can be used to help you enforce resource tagging so you can manage billing? (Choose two)

- A. Compliance Manager
- B. Azure Service Health
- C. Azure Policy**
- D. Azure Security Center
- E. Azure Management Groups**

184. A company wants to have an Enterprise messaging solution integrated with their existing application hosted within Microsoft Azure. Which of the following should the company use for this requirement?

- A. API Management Services
- B. Logic Apps
- C. API Connections
- D. Service Bus**

185. In the shared responsibility model, who is typically responsible for conducting compliance audits to ensure that Azure services meet regulatory requirements?

- A. Microsoft Azure
- B. The customer
- C. A third-party provider**
- D. Regulatory authorities

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

- A. High latency
- B. Elasticity**
- C. High availability
- D. Load balancing

187. Select the appropriate answer choice which completes the sentence correctly?

An organization that hosts its infrastructure no longer needs to maintain a data center.

<input checked="" type="checkbox"/>
in a Private Cloud
<b>in a Public Cloud</b>
in a Hybrid Cloud
on a Hyper-V host

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

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

189. You have an on-premises network that contains 100 servers and 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 Private cloud
- B. An additional data center
- C. A complete migration to Public cloud
- D. A Hybrid cloud**

190. You are planning to deploy numerous web and database servers to Azure. You need to create a strategy that allows for connection types between the web and database servers to be controlled. You include use of Network Security Groups in your Strategy. Does the solution meet the goal?

**Yes**

No

191. You can use 'Service Trust Portal' to download published audit reports and how Microsoft builds and operates its cloud services??

**Yes**

No

192. You plan to migrate a web application to Azure and 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 application. What should you include in the recommendation?

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

193. 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. The solution must ensure that other objects can be created in RG1. What should you use?

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

194. 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. VNET1 becomes a read-only object.
- C. VNET1 is moved automatically to another resource group.
- D. VNET1 continues to function normally.**

195. What does the term "Azure policy initiative" refer to?
- A. collection of Azure policy definition assignments
  - B. group of role based access controls (RBAC)
  - C. a collection of policy definitions**
  - D. group of Azure Blue Prints definition
196. One of the benefits of Azure Synapse Analytics 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. Versioning
  - C. Automatic Scaling
  - D. Data compression

197. A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:

- Provides a platform for creating workflows

Which of the following would be best suited for this requirement?

- A. Azure App Service
- B. Azure Application Insights
- C. Azure Logic Apps**
- D. Azure Databricks

198. You plan to create an Azure Virtual machine and you need to identify which storage service must be used to store the unmanaged data disks of the Virtual machine. Which of the following would you identify?

- A. Queues
- B. File shares
- C. Tables
- D. Containers**

199. Which of the following is a repeatable set of governance tools that helps development teams quickly build and create new environments while adhering to organizational compliance to speed up development and deployment?

- A. CI/CD Pipeline
- B. Azure Blueprints**
- C. Azure DevOps
- D. Azure Policy

200. How many management groups can be supported in a single directory?

- A. 10
- B. 100
- C. 1000
- D. 10000**

201. You plan to provision Platform as a Service (PaaS) resources in Azure. Which resources are an example of PaaS?

- A. Azure Web App**
- B. Azure Virtual Machine
- C. Azure Logic App**
- D. Azure SQL Database**

202. 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?

Azure Service	Benefit
Dynamic Scalability	A Cloud Service that remains available after failure occurs
Disaster Recovery	A Cloud Service that can be accessed quickly from Internet
Low Latency	A Cloud Service that can be recovered after a failure occurs
Fault Tolerance	A Cloud Service that performs quickly when demand increases

202. 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?

Azure Service	Benefit
Dynamic Scalability	<b>A Cloud Service that performs quickly when demand increases</b>
Disaster Recovery	<b>A Cloud Service that can be recovered after a failure occurs</b>
Low Latency	<b>A Cloud Service that can be accessed quickly from Internet</b>
Fault Tolerance	<b>A Cloud Service that remains available after failure occurs</b>

203. Monthly Salaries of technical personnel of an organization are an example of operational expenditure (OpEx) costs?

Yes

No

204. Azure Monitor can monitor the performance of on-premises computers?

The virtual machines and need to manage the operating system and related infrastructure components yourself.

Yes

No

205. Azure Key Vault automatically generates a new secret after every use?

Yes

No

206. A Company is planning on setting up a solution in Microsoft Azure. The solution has a following Key requirement:

**Give the ability to detect and diagnose anomalies in Web Apps**

Which of the following would be best suited for this requirement?

- A. **Azure Application Insights**
- B. Azure Databricks
- C. Azure Logic App
- D. Azure App Service

207. You are working on understanding all the key terms when it comes to international standards, data privacy and data protection policies. Which of the following choices pertains to the following definition?  
“An Organization that defines international standards across all industries”

- A. Azure Government
- B. ISO**
- C. GDPR
- D. NIST

208. Which of the following is one of the features of Azure Virtual Network?

- A. Geo-redundancy
- B. Isolation and Segmentation**
- C. Packet Inspection
- D. Resource Cost analysis

209. You can manage an on-premises Windows server as an Azure resource by using which of the following?

- A. Azure AD connect
- B. Azure VPN gateway
- C. Azure Arc**
- D. Azure Pipelines Agent

210. Which of the following terms represents the ability to increase the computing capacity of a virtual machine by adding memory or CPU's?

- A. Horizontal Scaling
- B. Vertical Scaling**
- C. Elasticity
- D. Agility

211. DNS Server running on a Virtual Machine is an example of PaaS?

Yes

No

212. SQL Server installed on a Virtual Machine is an example of Platform as a Service?

Yes

No

213. If you create two Azure Virtual Machines that use the B2S Size, each virtual machine will always generate the same monthly costs?

Yes

No

214. When you need to delegate permissions to several Azure Virtual machines simultaneously. You must deploy the Azure Virtual Machines \_\_\_\_\_
- A. to the same availability Zone
  - B. to the same Azure Resource Group**
  - C. to the same Azure region
  - D. by using the same Azure resource manager Template

215. 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. Azure Policies
  - C. Azure App Service Plans
  - D. Management Groups**

216. 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 will have Windows Server 2019 installed, while the other forty percent will have Ubuntu Linux installed.

You are required to make sure that the administrative effort needed for this requirement is reduced by employing a suitable Azure Service.

**Solution :** You recommend the use of Microsoft Managed Desktop  
Does this solution meet the goal?

- A. Yes
- B. No**

217. Which of the following Azure component types can be a part of Azure Blueprint definition?

- A. Azure RBAC
- B. Azure Policy Assignment**
- C. Azure Subscription
- D. Azure Role Assignment**
- E. Azure Role Definition
- F. Azure Resource Manager Templates**
- G. Azure Cloud Shell
- H. Azure Resource Groups**

<https://learn.microsoft.com/en-us/azure/governance/blueprints/overview#blueprint-definition>

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

Your company implements Azure Sentinel 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. Azure Information Protection**
- C. DDoS protection
- D. Azure Active Directory (AAD) Identity Protection

219. 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 make use of Azure Cosmos DB

Does this solution meet the goal?

- A. Yes
- B. No**

220. Which of the following would you use to setup communication between an on-premises VPN device and an Azure VPN gateway through an encrypted tunnel over the internet?
- A. ExpressRoute
  - B. Point-to-Site (P2S) VPN
  - C. Site-to-Site (S2S) VPN**

221. You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 can't connect to the other virtual machines. How should you configure VM1?
- A. Have two virtual interfaces
  - B. Run a different operating system than the other virtual machine
  - C. Deployed to a separate resource group
  - D. Deployed to a separate virtual network**

222. 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 tasked to ensure that the intended Azure Solution uses the correct expenditure model.

**Solution :** You recommend the use of Operational Expenditure model  
Does this solution meet the goal?

A. Yes

B. No

223. You are the data engineer for your company. An application uses a NoSQL database to store data. The database uses key-value and wide-column NoSQL database type. Developers need to access data in the database using an API. You need to determine which API to use for the database model and type. Which two APIs should you use?

A. SQL API

B. MongoDB API

C. Cassandra API

D. Gremlin API

E. Table API

224. Which of the following Azure services don't require you to select a particular region?

- A. Virtual Machine
- B. Azure Active Directory**
- C. Storage Account
- D. Azure DNS
- E. Azure Traffic Manager

225. What is required to use Azure Cost Management?

- A. Enterprise agreement
- B. Software Assurance
- C. Azure Plan**
- D. Microsoft Customer agreement

<https://learn.microsoft.com/en-us/azure/cost-management-billing/costs/get-started-partners#prerequisites>

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

Azure Scale Set enables you to scale to thousands of virtual machines for high-performance computing and large-scale parallel jobs.

**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. Azure Batch**
- D. An availability zone

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

Downtime in Minutes	▼
Maximum Available Minutes	▼
<b>Maximum Available Minutes - Downtime in Minutes</b>	▼

÷

60	▼
1440	▼
<b>Max Available Minutes</b>	▼

×

100	▼
1440	▼
99.99	▼

228. Additional costs are incurred by creating additional resource groups in an Azure Subscription.

Yes

No

229. Additional data transfer costs are incurred by copying data from Azure to on-premises network over a VPN.

Yes

No

230. The Azure spending limit is fixed and cannot be increased or decreased.

Yes

No

<https://www.youtube.com/watch?v=4qmCp2GyuqA>

<https://www.youtube.com/watch?v=fIn86fXEZiU>

<https://www.youtube.com/watch?v=eI4K09B0p8s>

<https://www.youtube.com/watch?v=NUG8m6diXI4>

<https://www.youtube.com/watch?v=5ngdFgx7T-o>

<https://www.youtube.com/watch?v=SuUW2S0OoTY>

<https://www.youtube.com/watch?v=v=URLBJ25eHtY>

<https://www.youtube.com/watch?v=y-bc2jya6-Q>

<https://www.youtube.com/watch?v=NiFaQwiRvI0>

<https://www.youtube.com/watch?v=sIOBAHu06-8>

<https://www.youtube.com/watch?v=oK9iVFgo1Rs>

<https://www.youtube.com/watch?v=6tFIGCjOXYY>

[https://www.youtube.com/watch?v=eE\\_hfrFAdaA](https://www.youtube.com/watch?v=eE_hfrFAdaA)

<https://www.youtube.com/watch?v=te6gNXmaQjo>

<https://www.youtube.com/watch?v=5efq3Y3L9ml>

<https://www.youtube.com/watch?v=4e5OARTlrCw>

<https://www.youtube.com/watch?v=K-JXV6S33qs>

