

Q1. 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?

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

Q2. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

Select the correct statements for Cloud computing.

Select all correct options.

- You must have internet connectivity to use Microsoft Azure cloud computing.
- You must have physical server to use Microsoft Azure cloud computing.
- **The cost to increase Microsoft Azure cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.**

Q3. Exam notes:

2. - Each correct answer presents a complete solution.
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You need to manage containers.

Which two services can you use?

- Azure virtual machines
- Azure Functions
- **Azure Container Instances**
- Azure Virtual Desktop
- Azure Kubernetes Service (AKS)

Q4. You can manage an on-premises Windows server as an Azure resource by using _____

Select the answer that correctly completes the sentence.

- Azure VPN Gateway
- Azure Pipelines agent
- Microsoft Entra Connect
- **Azure Arc**

Q5. Exam notes:

2. - For each of the following statements, select Yes if the statement is true. Otherwise, select No.
3. - Select the correct options from the provided choices, as the use of "Yes/No" is not supported in the question area.
4. - Each correct answer presents a complete solution.
5. - Each correct selection is worth one point.

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

- In a public cloud model, only guest users at your company can access the resources in the cloud.
- **To implement a hybrid cloud model, a company must have an internal network.**
- A company can extend the computing resources of its internal network by using a hybrid cloud.

Q6. Which of the following is most closely associated with Azure resource tags?

Select the correct option.

- Role
- Policy
- **Metadata**
- Permission

Q7. ____ secures websites from attacks and generates reports that contain details of attempted attacks. Select the correct option to fill the blank.

- Azure Information Protection (AIP)
- Azure Firewall
- Network Security Group (NSG)
- **DDoS protection**

Q8. Exam notes:

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5. - Each correct selection is worth one point.

	Statements	Yes	No
1.	Each Azure Subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input type="radio"/>
2.	A single account can be associated with at most 10 Subscriptions.	<input type="radio"/>	<input type="radio"/>
3.	The virtual machines can be moved to the new subscription-only if they are all in the same resource group.	<input type="radio"/>	<input type="radio"/>
4.	Each Azure subscription can contain multiple account admins.	<input type="radio"/>	<input type="radio"/>
5.	A company can store resources in multiple subscriptions.	<input type="radio"/>	<input type="radio"/>

- **A company can store resources in multiple subscriptions.**
- Each Azure Subscription can be managed by using a Microsoft account only.
- The virtual machines can be moved to the new subscription-only if they are all in the same resource group.
- A single account can be associated with at most 10 Subscriptions.
- Each Azure subscription can contain multiple account admins.

Q9. Azure Cosmos DB is an example of _____ offering.

Select the correct option to fill the blank.

- Infrastructure as a Service (IaaS)
- Software as a Service (SaaS)
- Serverless
- **Platform as a Service (PaaS)**

Q10. Exam notes:

2. - Drag the option from the left to its correct statement on the right.
3. - Select the correct answer from the provided options as Drag and Drop functionality is not supported in the question area.
4. - Each option may be used once, more than once, or not at all.
5. - Each correct selection is worth one point.

Azure Queue	<input type="text"/>	Databases
Azure Cache for Redis	<input type="text"/>	Compute
Azure DDoS Protection	<input type="text"/>	Networking
Azure Kubernetes Service	<input type="text"/>	Storage

- *Azure Cache for Redis - Networking*

Azure Kubernetes Service - Databases

Azure DDoS Protection - Storage

Azure Queue - Compute

- ***Azure Cache for Redis - Databases***

Azure Kubernetes Service - Compute

Azure DDoS Protection - Networking

Azure Queue - Storage

- *Azure Cache for Redis - Databases*

Azure Kubernetes Service - Networking

Azure DDoS Protection - Compute

Azure Queue - Storage

- *Azure Cache for Redis - Networking*

Azure Kubernetes Service - Compute

Azure DDoS Protection - Storage

Azure Queue - Databases

Q11. Exam notes:

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DevTest Labs	<input type="checkbox"/>	provides development collaboration tools including high-performance pipelines, private Git repositories, Kanban boards.
DevOps Services	<input type="checkbox"/>	quickly and easily build web and mobile apps for any platform or device.
Logic Apps	<input type="checkbox"/>	provides self-service cloud environments for demo/training purposes to speed up the development process.
App Service	<input type="checkbox"/>	helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and service.

- *DevOps Services* - provides self-service cloud environments for demo/training purposes to speed up the development process.

App Service - helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and service.

DevTest Labs - provides development collaboration tools including high-performance pipelines, private Git repositories, Kanban boards.

Logic Apps - quickly and easily build web and mobile apps for any platform or device.

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DevTest Labs - provides self-service cloud environments for demo/training purposes to speed up the development process.

Logic Apps - helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and service.

Q12. Which Azure service is meant to be a security dashboard that contains all the security and threat protection in one place?

Select the correct option.

- Azure Key Vault
- Azure Portal Dashboard
- **Microsoft Defender for Cloud**
- Azure Monitor

Q13. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

You have an Azure web app. You need to manage the settings of the web app from an iPhone.

What are the three Azure management tools that you can use?

- Azure CLI
- **Azure Mobile App**
- Windows PowerShell
- Azure Portal
- Azure Cloud Shell

Q14. You have a resource group named secureRG and planning to create virtual networks and app services in secureRG. You need to prevent the creation of virtual machines only in secureRG.

What should you use?

- Tag
- Azure Role
- Lock
- **Azure Policy**

Q15. One of the benefits of the cloud is agility. What does that mean in the context of the cloud?

Select the correct option.

- **The ability to respond to and drive market change quickly.**
- The ability to spin up new resources within minutes.
- The ability to recover from a big region-wide failure in a short amount of time.
- The ability of a system to grow its capacity easily when it reaches full capacity.

Q16. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

Which types of customers are eligible to use the Azure Government to develop a cloud solution?

Select two correct options.

- **United States government entity**
- European government entity
- **United States government contractor**
- European government contractor
- Canadian government contractor

Q17. What tool or service allows the download of published audit reports and how Microsoft build and operates its cloud services?

Select the correct option.

- **Service Trust Portal**
- Azure Service Health
- Microsoft privacy statement
- Azure Policy

Q18. A cloud service that supports a maximum of 15 instances is more _____ than a service that supports a maximum of five instances.

Select the answer that correctly completes the sentence.

- **scalable**
- secure
- distributed

Q19. A company is planning on moving some of its on-premises resources to Azure. They have to classify various expenses as part of the business justification for moving to Azure.

One of the expenses identify as "Software Licensing"

Which category, this expense belongs to?

- Secondary Expenditure
- Primary Expenditure
- **Operational Expenditure (OpEx)**
- Capital Expenditures (CapEx)

Q20. Azure blob storage is _____

Select the answer that correctly completes the sentence.

- data store for queuing and reliably delivering messages between applications.
- file share that can be mapped as a network drive.
- **storage service optimized for very large objects, such as video files and bitmaps.**
- key/attribute store for non-relational, structured data.

Q21. 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 Azure resources.

What should you include in the recommendations?

- Management Groups
- Virtual machine scale sets
- Azure Blueprints
- **Azure Resource Manager templates**

Q22. Exam notes:

- Each correct answer presents a complete solution.
- Each correct selection is worth one point.

Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only platform as a service (PaaS) solutions must be used in Azure. You need to deploy an Azure environment that supports the planned migration. Which two deployment solutions you will use?

- You create Virtual Machines to host application and Azure SQL databases.
- You create an Azure App Service and Azure Virtual Machines that have Microsoft SQL Server installed.
- **You create an Azure App Service and Azure Storage accounts.**

- **You create an Azure App Service and Azure SQL databases.**

Q23. _____ can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL Servers to Azure.

Select the correct option to fill the blank.

- The Database Migration Assistant
- **The Azure Total Cost of Ownership (TCO) calculator**
- The Azure Migrate: Server assessment tool
- The pricing calculator in Azure

Q24. Which of the following is not a layer of Defense-in-depth?

Select the correct option.

- Compute
- Data
- Network
- Physical Security
- **None of these**

Q25. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

A consumption-based model has many benefits, including:

Select the correct options.

- **The ability to pay for additional resources when they are needed.**
- No upfront costs.
- The ability to stop paying for resources that are no longer needed.
- No need to purchase and manage the costly infrastructure that users might not use to its fullest.

Q26. Exam notes:

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There are two approaches to infrastructure as code - imperative code and declarative code. Select the best definition of each:

Imperative code	<input type="checkbox"/>	details each individual step that should be performed to achieve the desired outcome.
Declarative code	<input type="checkbox"/>	details only a desired outcome, and it allows an interpreter to decide how to best achieve that outcome.

- *Imperative code* - details only a desired outcome, and it allows an interpreter to decide how to best achieve that outcome.

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Azure ExpressRoute	<input type="checkbox"/>	connect to other Azure resource types, such as Azure SQL databases and storage accounts.
Point-to-site (P2S) VPN	<input type="checkbox"/>	create a secure connection to your virtual network from an individual client computer.
Service endpoints	<input type="checkbox"/>	links your on-premises VPN device or gateway to the Azure VPN gateway in a virtual network.
Site-to-site (S2S) VPN	<input type="checkbox"/>	provides dedicated private connectivity to Azure that doesn't travel over the internet.

- ***Service endpoints*** - connect to other Azure resource types, such as Azure SQL databases and storage accounts.

Point-to-site (P2S) VPN - create a secure connection to your virtual network from an individual client computer.

Site-to-site (S2S) VPN - links your on-premises VPN device or gateway to the Azure VPN gateway in a virtual network.

Azure ExpressRoute - provides dedicated private connectivity to Azure that doesn't travel over the internet.

- *Service endpoints* - create a secure connection to your virtual network from an individual client computer.

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Q28. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

Select the correct statement for Resource groups.

Select all correct options.

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

Q29. Exam notes:

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Fault tolerance	<input type="text"/>	is the ability to keep services up and running for long periods of time, with very little downtime.
Agility	<input type="text"/>	is the ability to automatically or dynamically increase or decrease resources as needed.
Elasticity	<input type="text"/>	is the ability to respond to change rapidly based on changes to market or environment, ensuring fast time to market.
High Availability	<input type="text"/>	is the ability to remain up and running even in the event of a component (or service) no longer functioning.

- **High Availability** - is the ability to remain up and running even in the event of a component (or service) no longer functioning.

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Q30. Which Azure configuration prevents Azure-level machine updates in the same availability zone from being down at the same time?

Select the correct option.

- Load Balancing
- Fault Domain
- **Update Domain**
- Availability Zone

Q31. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

Select the correct statements for subscription. Select all correct options.

- **A company can use resources from multiple subscriptions.**
- **A single Microsoft account can be used to manage multiple Azure subscriptions.**
- Two Azure subscriptions can be merged into a single subscription.

Q32. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

Which of the following services would not be considered Infrastructure as a Service?

Select two correct options.

- Virtual Network
- SQL Server in a VM
- **Azure Functions App**
- **Azure SQL Database**
- Virtual Machine

Q33. To use Azure datacenters that are made available with power, cooling, and networking capabilities independent from other data centers in a region, choose a region that supports _____ ?

Select the correct option to fill the blank.

- Availability Set
- **Availability Zones**
- Geography
- Zone

Q34. Which service provides official outage root cause analyses (RCAs) for Azure incidents?

Select the correct option.

- Azure Advisor
- Azure Sentinel
- Azure Monitor
- **Azure Service Health**

Q35. Exam notes:

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5. - Each correct selection is worth one point.

Public Cloud	<input type="text"/>	is a computing service offered only to select users.
Hybrid Cloud	<input type="text"/>	is a computing service offered over the Internet, making them available to anyone who wants to use.
Private Cloud	<input type="text"/>	is a computing environment that combines a public cloud and a private cloud by allowing data and applications to be shared between them.

- *Private Cloud* - is a computing environment that combines a public cloud and a private cloud by allowing data and applications to be shared between them.

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Hybrid Cloud - is a computing service offered only to select users.

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- ***Private Cloud* - is a computing service offered only to select users.**

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***Hybrid Cloud* - is a computing environment that combines a public cloud and a private cloud by allowing data and applications to be shared between them.**

Q36. Autoscaling is an example of _____

Select the answer that correctly completes the sentence.

- Geo-distribution
- Predictability
- **Elasticity**
- Agility

Q37. Exam notes:

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

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

- **An Azure resource can have multiple delete locks.**
- **An Azure resource inherits locks from its resource group.**
- If an Azure resource has a Read-only lock, you can add a delete lock to the resource.

Q38. Exam notes:

2. - Drag the option from the left to its correct statement on the right.
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5. - Each correct selection is worth one point.

Azure Queue	<input type="text"/>	is an object storage solution, optimized for storing massive amounts of unstructured data, such as text or binary data.
Azure Blob	<input type="text"/>	enables you to set up highly available network file shares that can be accessed by using the SMB protocol.
Azure Files	<input type="text"/>	used to store lists of messages to be processed asynchronously.
Azure Table	<input type="text"/>	stores large amounts of structured data.

- *Azure Blob* - used to store lists of messages to be processed asynchronously.

Azure Files - is an object storage solution, optimized for storing massive amounts of unstructured data, such as text or binary data.

Azure Queue - stores large amounts of structured data.

Azure Table - enables you to set up highly available network file shares that can be accessed by using the SMB protocol.

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Q39. Deploying an app can be done directly to what level of physical granularity?

Select the correct option.

- Datacenter
- Scale Set
- **Region**
- Server rack

Q40. Exam notes:

2. - Each correct answer presents a complete solution.
3. - Each correct selection is worth one point.

How can you reduce costs with Azure Virtual Desktop?

Select two correct options.

- **Buy one-year or three-year Azure Reserved Virtual Machine Instances to save cost.**
- **Azure Virtual Desktop is available to you at no additional cost if you have an eligible Microsoft 365 license.**
- Use Azure Virtual Desktop in a Single region.

Q41. 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?

- Monitor the health of Azure services _____
- Browse available virtual machine images _____
- View security recommendations _____

Select the correct option to fill the blank.

- *Monitor the health of Azure services* - Monitor

Browse available virtual machine images - Subscription

View security recommendations - Advisor

- ***Monitor the health of Azure services* - Monitor**

***Browse available virtual machine images* - Marketplace**

***View security recommendations* - Advisor**

- *Monitor the health of Azure services* - Subscription

Browse available virtual machine images - Marketplace

View security recommendations - Monitor

- *Monitor the health of Azure services* - Advisor

Browse available virtual machine images - Monitor

View security recommendations - Marketplace

Q42. Which of the following options can you use to link virtual networks?

Select the correct option.

- Multi-chassis link aggregation
- **Virtual network peering**
- Network address translation
- Dynamic Host Control Protocol

Q43. What is a feature of an Azure virtual network?

Select the correct option.

- resource cost analysis
- **isolation and segmentation**
- geo-redundancy
- packet inspection

Q44. Exam notes:

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4. - Each correct answer presents a complete solution.
5. - Each correct selection is worth one point.

	Statements	Yes	No
1.	Identities stored in Microsoft Entra ID, third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input type="radio"/>
2.	Microsoft has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>
3.	Identities stored in an on-premises Active Directory can be synchronized to Microsoft Entra ID.	<input type="radio"/>	<input type="radio"/>
	Microsoft has built-in authentication and authorization services that provide secure access to Azure resources.		
	Identities stored in Microsoft Entra ID, third-party cloud services, and on-premises Active Directory can be used to access Azure resources.		

- **Identities stored in an on-premises Active Directory can be synchronized to Microsoft Entra ID.**

Q45. How can an organization ensure that certain VM workloads are physically isolated from workloads being run by other Azure customers?

Select the correct option.

- **Run the VMs on Azure Dedicated Host.**
- This is not possible. These workloads need to be run on-premises.
- Configure the network to ensure that VMs on the same physical host is isolated.
- Run the VMs on different Availability Sets.

Q46. Exam notes:

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5. - Each correct selection is worth one point.

What advantages does cloud computing elasticity provide?

	Statements	Yes	No
1.	You can save money by removing servers in off business hours.	<input type="radio"/>	<input type="radio"/>
2.	You can do more regular backups and you won't lose as much when that backup gets restored.	<input type="radio"/>	<input type="radio"/>
3.	You can serve users better during peak traffic periods by automatically adding more capacity.	<input type="radio"/>	<input type="radio"/>
4.	Servers have become a commodity and Microsoft doesn't even need to even fix servers that fail within Azure.	<input type="radio"/>	<input type="radio"/>

- You can do more regular backups and you won't lose as much when that backup gets restored.
- **You can save money by removing servers in off business hours.**
- **You can serve users better during peak traffic periods by automatically adding more capacity.**

- Servers have become a commodity and Microsoft doesn't even need to even fix servers that fail within Azure.

Q47. If a resource group named resourceGroup has a delete lock, _____ can delete resourceGroup.

Select the correct option to fill the blank.

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

Q48. A company has created an Azure Virtual machine and wants to ensure that a specific set of users have access to 'Stop' the virtual machine.

Which of the following functionality would you use to fulfill this requirement?

- Tags
- Security
- **Access control (IAM)**
- Networking

Q49. You are planning to Configure and estimate the costs for Azure products.

Which file format is supported when downloading Azure cost estimates?

- CSV
- **XLS**
- JSON
- XML

Q50. Which Azure service should you identify to enforce Microsoft Entra multifactor authentication (MFA) based on a condition?

Select the correct option.

- Azure Security Center
- Azure Advanced Threat Protection (ATP)
- Azure Monitor
- **Microsoft Entra ID Protection**

