

1. Test prep

Latest Submission Grade 100%

1. Question 1

Which of the following cloud database solutions provides developers with the ability to use multiple APIs that they may already be familiar with?

1 / 1 point



Cosmos DB



Azure Database for MySQL



Azure SQL Database



Azure Database for PostgreSQL

Correct

Azure Cosmos DB supports schema-less data, which lets you build highly responsive and Always-On applications to support constantly changing data. You can use this feature to store data that is updated and maintained by users around the world and supports multiple APIs.

2. Question 2

Hyperscale (Citus) is a feature of which Cloud based Database solution?

1 / 1 point



Azure Database for MySQL



Azure Database for PostgreSQL



Azure SQL Database



Cosmos DB

Correct

Azure Database for PostgreSQL is a relational database service in Microsoft cloud. The server software is based on the community version of the open-source PostgreSQL database engine. Azure Database for PostgreSQL is available in two deployment options: Single Server and Hyperscale (Citus).

3. Question 3

Azure Database for PostgreSQL is a relational database service in Microsoft cloud. The server software is based on the community version of the open-source PostgreSQL database engine. One feature of the Azure database for PostgreSQL is support for Automatic backups and point-in-time-restore for up to how many days?

1 / 1 point



35

- ☐ 45
- ☐ 15
- ☐ 25

Correct

Azure database for PostgreSQL supports Automatic backups and point-in-time-restore for up to 35 days.

4.Question 4

Azure Database for MySQL is a relational database service in the Microsoft cloud which is based on the MySQL Community Edition database engine. What level of SLA do you think is implemented?

1 / 1 point

- ☐ 90.00%
- ☐ 99.00%
- ☐ 99.90%

☒ 99.99%

Correct

Azure Database for MySQL delivers built-in high availability with no additional cost of 99.99% SLA.

5.Question 5

Azure supports a wide range of computing solutions for development and testing, running applications, and extending your data center. When you want to quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform which of the following solutions is most suitable?

1 / 1 point

- ☐ Virtual machine scale sets
- ☐ Containers and Kubernetes
- ☐ Virtual machines

☒ App Services

Correct

With App Services, you can quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform.

6.Question 6

With App Services, you can quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Who is responsible for managing the underlying platform?

1 / 1 point

- ☐ The Cloud provider
- ☐ The Cloud Tenant

Correct

App Services provides a managed hosting environment where developers can upload their web applications without having to worry about dealing with the physical hardware and software requirements.

2. Test prep

Latest Submission Grade 100%

1. Question 1

True or false?

Archive storage tier stores data online.

1 / 1 point

- ☐ True
- ☐ False

Correct

Archive storage stores data offline and offers the lowest storage costs but also the highest data rehydrate and access costs.

2. Question 2

Azure storage offers different access tiers for blob and file storage. This allows you to store object data in the most cost-effective manner. What do you think is the most cost-effective tier to optimize storage for data that is frequently accessed, such as images from your website, and stored for at least 30 days?

1 / 1 point

- ☐ Cool storage tier
- ☐ Archive storage tier

☒ Hot storage tier

Correct

Hot storage tier is optimized for storing data that is accessed frequently, like images for your website.

3. Question 3

True or false?

Network security groups contain security rules that enable you to filter the type of network traffic that can flow in and out of virtual network subnets and network interfaces.

1 / 1 point

- ☐ True
- ☐ False

Correct

Network security groups have security rules that enable you to filter the type of network traffic that can flow in and out of virtual network subnets and network interfaces. You create the network security group separately, and then associate it with the virtual network.

4.Question 4

A VPN gateway is a type of Virtual Network Gateway. To connect on-premises data centers to Azure virtual networks you need to configure...

1 / 1 point

☐ network-to-network connection

☒ site-to-site connection.

☐ point-to-site connection.

Correct

You connect on-premises data centers to Azure virtual networks through a site-to-site connection.

5.Question 5

True or False?

All Azure subscriptions connect from on-premises to Azure using Azure Express Route.

1 / 1 point

☐ True

☐ False

Correct

Azure ExpressRoute lets you seamlessly extend your on-premises networks into the Microsoft cloud. This connection between your organization and Azure is dedicated and private. Establishing an ExpressRoute connection enables you to connect to Microsoft cloud services like Azure, Office 365, and Dynamics 365. Security is enhanced, connections are more reliable, latency is minimal, and throughput is greatly increased.

6.Question 6

Which of the following resources are required before you can deploy a VPN gateway between Azure and on-premises resources?

Select all options that apply.

1 / 1 point

☒ Virtual network.

Correct

You must deploy an Azure virtual network with enough address space for the additional subnet that you'll need for the VPN gateway. The address space for this virtual network must not overlap with the on-premises network that you'll be connecting to.



Virtual network gateway

Correct

You must create the virtual network gateway to route traffic between the virtual network and the on-premises data center or other virtual networks.



Public IP address.

Correct

You must create a Basic-SKU dynamic public IP address if using a non-zone-aware gateway. This address provides a public-routable IP address as the target for your on-premises VPN device.



Point-to-site connection

3. Test prep

Latest Submission Grade 100%

1. Question 1

Which of Azure's monitoring offerings would be most beneficial for evaluating your Azure resources and making recommendations to help you improve reliability, security, and performance?

1 / 1 point

☐ Azure Monitor

☒ Azure Advisor

☐ Azure Service Health

Correct

Azure Advisor evaluates your Azure resources and makes recommendations to help you improve reliability, security, and performance, achieve operational excellence, and reduce costs.

2. Question 2

Tailwind Traders have recently migrated to Azure cloud services. Management wants to ensure that their current implementation is optimized for security and performance in line with industry best practices. Which monitoring tool would you recommend using for this?

1 / 1 point

☐ Azure Service Health

☐ Azure Monitor

☒ Azure Advisor

Correct

Azure Advisor evaluates your Azure resources and makes recommendations to help you improve reliability, security, and performance, achieve operational excellence, and reduce costs

3. Question 3

Your company runs a successful eCommerce business. The company has multiple offices which require IT staff to travel between them on a regular basis. Having recently migrated to Azure, the IT (Information Technology) manager is now hoping to provide a solution that will allow employees to monitor the services remotely. Which service Azure Cloud services do you think is best to use in this scenario?

1 / 1 point

☐ Azure PowerShell

☐ Azure CLI



Azure Mobile App

Correct

The Azure mobile app running on a phone or tablet could help key employees keep an eye on the health of the cloud environment. The Azure mobile app is a good compromise in this scenario, it allows employees the freedom to be away from the office while still being able to perform one-off management and administrative tasks.

4.Question 4

Your company has recently moved to Azure cloud services from a Linux based on-premises environment. Which tool would you recommend using in this scenario?

1 / 1 point



Azure Portal



Azure PowerShell



Azure CLI



ARM Templates

Correct

Azure CLI is more beneficial to those with a Linux administration and scripting background who wish to perform one-off management or administrative actions.

4. Test prep

Latest Submission Grade 100%

1. Question 1

Azure Cloud Services provides two serverless computing services, Azure Functions and Azure Logic Apps. Which service is responsible for automation and orchestration tasks, business processes, and workflows?

1 / 1 point

☐ Azure Functions

☒ Azure Logic Apps

Correct

Logic Apps is a development platform that is hosted as a cloud service. It helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations.

2. Question 2

True or False

Existing logic written in C#, can be copied from an existing Windows Service and ported to an Azure Function?

1 / 1 point

☒ True

☐ False

Correct

It would make sense to copy existing logic written in C#, from the Windows Service and port it to an Azure Function. It's possible that the same logic could be implemented in Azure Logic Apps. However, since the service already exists in in C#, it can be leveraged for use in an Azure Function.

3. Question 3

Your company has recently moved to Azure cloud services and believe it should be possible to integrate apps, data, systems, and services across enterprises or organizations dynamically using automation and orchestration. Which of the following services could assist in such an automated process?

1 / 1 point

☐ Azure Functions

☒ Azure Logic Apps

Correct

Azure Logic Apps is a development platform hosted as a cloud service that helps you automate and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations.

4.Question 4

Which of the following provides a managed service hosted in the cloud that acts as a central message point for bi-directional communication between your IoT application and the devices it manages?

1 / 1 point

☐ Azure IoT Central

☒ Azure IoT Hub

☐ Azure Sphere

Correct

You can use Azure IoT Hub to build IoT solutions with reliable and secure communications between millions of IoT devices and a cloud-hosted solution backend.

5.Question 5

Your company is developing a new IoT appliance that will be used to capture and transmit personal data back to a cloud service. Which of the following services can the company implement to ensure the highest level of security?

1 / 1 point

☒ Azure Sphere

☐ IoT Hub

☐ IoT Central

Correct

Azure Sphere creates an end-to-end highly secure IoT solution for customers that encompasses everything from the hardware and operating system on the device to the secure method of sending messages from the device to the message hub.

5. Test prep

Latest Submission Grade 100%

1. Question 1

Your company is considering moving to Azure cloud services; however, management wants assurances. Features such as Security Reporting, similar to their existing on-premises SIEM solution need to be available. Which of the following features can be implemented that will provide a cloud-based SIEM solution?

1 / 1 point



Implement Azure Sentinel.



Configure a secure VM and store the Passwords and certificates in a shared folder.



Implement Azure Key Vault.

Correct

Azure Sentinel is Microsoft's cloud-based SIEM solution and can combine and report on security data from different sources.

2. Question 2

Tailwind Traders has recently migrated to Azure cloud services. Azure includes various built-in reporting and monitoring tools. What is the simplest tool to use to view groups of related security recommendations showing the percentage of security controls that the company currently satisfies?

1 / 1 point



Secure Score



Azure Sentinel



Azure Key Vault

Correct

Secure score is based on security controls, or groups of related security recommendations. Your score is based on the percentage of security controls that you satisfy. The more security controls you satisfy, the higher the score you receive.

3. Question 3

Many Azure services include built-in security features however Azure also has specific tools to assist with securing your environment. Which of the following would be the simplest way to centrally manage your passwords and certificates in a single, central location?

1 / 1 point



Azure Key Vault

- ☐ Azure Sentinel
- ☐ Azure Security Center

Correct

Azure Key Vault is a centralized cloud service for storing your applications' secrets in a single, central location. It provides secure access to sensitive information by providing access control and logging capabilities.

4.Question 4

Having recently migrated to Azure cloud services, you need to implement a solution that will allow the monitoring of incoming and outgoing network traffic and, determine whether to allow or block specific traffic based on a defined set of security rules. Which of the following services would be most suitable to solve this problem?

1 / 1 point

- ☐ DDoS protection
- ☐ Network Security Groups



Correct

Azure firewall is a network security device that monitors incoming and outgoing network traffic and decides whether to allow or block specific traffic based on a defined set of security rules.

5.Question 5

Which of the following services allows for the configuration of application rules that define fully qualified domain names (FQDNs) that can be accessed from a subnet?

1 / 1 point

- ☐ DDoS Protection
- ☐ Network Security Groups



Correct

Azure Firewall allows the configuration of application rules that define fully qualified domain names (FQDNs) that can be accessed from a subnet.

6. Test prep

Latest Submission Grade 100%

1. Question 1

Multi-factor authentication is a process where a user is prompted during the sign-in process for an additional form of identification. Using a fingerprint matches which of the following?

1 / 1 point

- ☐ Something you know
- ☐ Something you have

☒ Something you are.

Correct

Something you are typically some sort of biometric property, such as a fingerprint or face scan that's used on many mobile devices

2. Question 2

Your company wants to implement a facial recognition system to manage access to certain areas of the building. Which of the following solutions can enable this?

1 / 1 point

☒ Multifactor Authentication

- ☐ Single Sign On (SSO)
- ☐ Conditional Access

Correct

Multifactor authentication can include something the user knows, has, or is.

3. Question 3

What is the process of establishing the level of access a person or service has known as?

1 / 1 point

- ☐ Authentication

☒ Authorization

Correct

Authorization is the process of establishing what level of access an authenticated person or service has. It specifies what data they're allowed to access and what they can do with it.

4. Question 4

Your company has migrated to Azure cloud services and the development team has deployed several new applications for internal use. Users are now complaining about the number of times they are asked to authenticate as they move between different applications. Which of the following solutions can be implemented to reduce this requirement?

1 / 1 point



Conditional Access



Single Sign On (SSO)



Multifactor Authentication

Correct

Single sign-on enables a user to sign in one time and use that credential to access multiple resources and applications from different providers.

7. Test prep

Latest Submission Grade 100%

1. Question 1

Tags provide extra information, or metadata, about your resources. What is the easiest way to apply tags to resources that reside within a Resource Group?

1 / 1 point



Create an Azure Policy



Apply a Tag directly to the Resource Group and all resources within that Group will automatically receive this Tag

Correct

You can apply tags to a resource group, but those tags are not automatically applied to the resources within that resource group. However, you can use Azure Policy to ensure that a resource inherits the same tags as its parent resource group.

2. Question 2

Azure Virtual machines come in different SKU sizes and cost. Your company want to limit the choices available to users when creating new virtual machines to ensure that they only deploy cost-effective virtual machine sizes. What do you think is the best way of doing this?

1 / 1 point



Periodically inspect the deployment manually to see which SKU sizes are used.



Create an Azure RBAC role that defines the allowed virtual machine SKU sizes.



Create a new Azure Policy that only displays the preferred SKU sizes.

Correct

After you enable this policy, it will be effective when you create new virtual machines or resize existing ones. Azure Policy also evaluates any current virtual machines in your existing environment.

3. Question 3

In Azure cloud services Role-Based Access Control (RBAC) is applied to a scope, which is a resource or set of resources that this access applies to. Select Yes if you believe the following statement is Correct or No if you believe it is incorrect

When you grant access at a parent scope, those permissions are inherited by all child scopes.

1 / 1 point



Yes



No

Correct

When you grant access at a parent scope, those permissions are inherited by all child scopes.

8. Test prep

Latest Submission Grade 100%

1. Question 1

Which of the following is a legal agreement between Microsoft and the customer that details the obligations by both parties with respect to the processing and security of customer data and personal data?

1 / 1 point

☐ Microsoft Privacy Statement

☒ Online Services Terms

Correct

The Online Services Terms (OST) is a legal agreement between Microsoft and the customer that details the obligations by both parties with respect to the processing and security of customer data and personal data. The OST applies specifically to Microsoft's online services that you license through a subscription including Azure, Dynamics 365, Office 365, and Bing Maps.

2. Question 2

In your opinion is the following statement Correct or Incorrect.

Select Yes if you believe it is Correct or No if you believe it is incorrect.

The US Government has access to datacenters and networks that are physically isolated from the standard Azure Cloud Services provided by Microsoft.

1 / 1 point

☒ Yes

☐ No

Correct

To provide the highest level of security and compliance, Azure Government uses physically isolated datacenters and networks located only in the US. Azure Government customers, such as the US federal, state, and local government or their partners, are subject to validation of eligibility.

3. Question 3

Which of the following provides the ability for analyses of configurations and usage telemetry and offers personalized, actionable recommendations?

1 / 1 point

☒ Azure Advisor

☐ Azure Monitor

☐ Azure Portal

☐ Microsoft Trust Center

Correct

Azure Advisor analyses configurations and usage telemetry and offers personalized, actionable recommendations to help you optimize your Azure resources for reliability, security, operational excellence, performance, and cost.

4.Question 4

Which of the following explains what personal data Microsoft collects, how it is used by them and for what purposes?

1 / 1 point

☒ Microsoft Privacy Statement

☐ Online Services Terms

Correct

The Microsoft Privacy Agreement explains what personal data Microsoft collects, how Microsoft uses it, and for what purposes.

9. Test prep

Latest Submission Grade 100%

1. Question 1

Following your company's migration to Azure, you have discovered that some of your development teams are creating resources for test purposes without considering the costs involved. You need to implement restrictions on the number and type of resources that they can create simultaneously.

What solution can you implement to help with this issue?

1 / 1 point



Create a subscription for the development team and apply spending limits to that subscription.



You cannot limit resource creation.



Assign a company budget to the development team as part of their overall annual budget.

Correct

If you exceed your spending limit for a subscription, active resources are deallocated. You can then decide whether to increase your limit or provision fewer resources.

2. Question 2

In your opinion is the following statement correct or incorrect?

Select Yes if you believe it to be correct and No if you believe it to be incorrect.

Incoming and outgoing network traffic to and from a VM is chargeable in Azure.

1 / 1 point



A: Yes



No

Correct

When you provision a resource, Azure creates meters to track usage of that resource. Azure uses these meters to generate a usage record that is later used to help calculate your bill. The meters can track overall CPU time or incoming (ingress) and outgoing (egress) network traffic to the VM.

3. Question 3

In your opinion is the following statement correct or incorrect?

Select Yes if you believe it to be correct and No if you believe it to be Incorrect.

Azure Reservations offer discounted prices on certain Azure services and to receive these discounts you must pay in advance.

1 / 1 point



Yes (Correct)



No (Incorrect)

Correct

Azure Reservations offers discounted prices on certain Azure services. Azure Reservations can save you up to 72% as compared to pay-as-you-go prices. To receive a discount, you reserve services and resources by paying in advance.

4.Question 4

Downtime refers to the time duration that the service is unavailable, how much cumulative downtime per year will an SLA percentage of 99.99 give?

1 / 1 point



52.56 minutes



4.38 hours



3.65 days



8.76 hours

Correct

An SLA percentage of 99.99 will give an annual cumulative downtime of 52.56 minutes.

5.Question 5

Azure cloud services continue to release new features. Prior to release, these new services go through various stages of testing such as pre-release and Beta. Which of the following will receive support but Service Level Agreements will not apply?

1 / 1 point



Private Preview



Public Preview



General availability

Correct

During this phase all customer with the proper Azure AD license are invited to evaluate the new feature. Microsoft Customer Support Services will supply support services during this phase, but normal service level agreements do not apply