



Quiz review

Started on	Saturday, 4 May 2024, 7:47 PM
State	Finished
Completed on	Saturday, 4 May 2024, 7:52 PM
Time taken	5 mins 13 secs
Marks	10.00/10.00
Grade	100.00 out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 70%

Question 1

Correct

Mark 1.00 out of 1.00

What is the purpose of Azure Scale Sets?

Select one:

- ☐ To distribute containerized applications across multiple regions
- ☒ To automatically adjust the number of compute resources available based on demand ✓
- ☐ To manage user access and authentication in Azure
- ☐ To monitor network traffic and identify security threats

The correct answer is: To automatically adjust the number of compute resources available based on demand

Question 2

Correct

Mark 1.00 out of 1.00

What is Azure Functions used for in the context of serverless computing?

Select one:

- ☒ Executing code in response to events without the need for explicit provisioning ✓
- ☐ Managing virtual machines
- ☐ Running containerized applications
- ☐ Hosting web applications

The correct answer is: Executing code in response to events without the need for explicit provisioning



Question 3

Correct

Mark 1.00 out of 1.00

Which Azure service is designed for building and deploying machine learning models at scale?

Select one:

- ☒ Azure Machine Learning Service ✓
- ☐ Azure Data Factory
- ☐ Azure Batch AI
- ☐ Azure Cognitive Services

The correct answer is: Azure Machine Learning Service

Question 4

Correct

Mark 1.00 out of 1.00

Which Azure service provides a managed platform for building, deploying, and scaling microservices?

Select one:

- ☐ Azure Container Registry
- ☐ Azure Logic Apps
- ☒ Azure Service Fabric ✓
- ☐ Azure Kubernetes Service (AKS)

The correct answer is: Azure Service Fabric

Question 5

Correct

Mark 1.00 out of 1.00

Which Azure service allows you to deploy and manage virtual machines using a declarative template?

Select one:

- ☐ Azure Virtual Machines
- ☐ Azure Automation
- ☐ Azure Virtual Network
- ☒ Azure Resource Manager (ARM) ✓

The correct answer is: Azure Resource Manager (ARM)

Question 6

Correct

Mark 1.00 out of 1.00

Which Azure service provides a fully managed, serverless database for building web and mobile applications?

Select one:

- ☐ Azure SQL Database
- ☐ Azure Table Storage
- ☒ Azure Cosmos DB ✓
- ☐ Azure Blob Storage

The correct answer is: Azure Cosmos DB

Question 7

Correct

Mark 1.00 out of 1.00

In the context of Azure Virtual Networks, what does Network Security Group (NSG) provide?

Select one:

- ☐ Identity and access management for virtual networks
- ☐ Load balancing for virtual machines
- ☒ Filtering of inbound and outbound traffic to control access to network resources ✓
- ☐ Automatic scaling of virtual machine resources

The correct answer is: Filtering of inbound and outbound traffic to control access to network resources

Question 8

Correct

Mark 1.00 out of 1.00

What is the purpose of Azure Reserved Virtual Machine Instances?

Select one:

- ☒ To provide discounted rates on virtual machine usage with a one- or three-year commitment ✓
- ☐ To automatically scale virtual machine resources based on demand
- ☐ To guarantee a fixed IP address for a virtual machine
- ☐ To reserve storage space for virtual machines

The correct answer is: To provide discounted rates on virtual machine usage with a one- or three-year commitment

Question 9

Correct

Mark 1.00 out of 1.00

What is the role of Azure Traffic Manager in a cloud-based application architecture?

Select one:

- ☐ To manage security groups for virtual networks
- ☒ To route incoming traffic to different regions or endpoints based on defined policies ✓
- ☐ To optimize network traffic for virtual machines
- ☐ To monitor and troubleshoot application performance

The correct answer is: To route incoming traffic to different regions or endpoints based on defined policies

Question 10

Correct

Mark 1.00 out of 1.00

What is the purpose of Azure Load Balancer?

Select one:

- ☒ To distribute network traffic evenly across multiple servers to ensure high availability and reliability ✓
- ☐ To manage and store log data generated by Azure services
- ☐ To automate the deployment of virtual machines
- ☐ To monitor and analyze the performance of virtual machines

The correct answer is: To distribute network traffic evenly across multiple servers to ensure high availability and reliability

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