Quiz review

Started on	Sunday, 5 May 2024, 6:22 PM
State	Finished
Completed on	Sunday, 5 May 2024, 6:27 PM
Time taken	5 mins 27 secs
Marks	8.00/10.00
Grade	**80.00** out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 70%

Question 1

Incorrect

Mark 0.00 out of 1.00

What feature of Azure Cosmos DB ensures automatic and instantaneous scaling of throughput and storage?

Select one:
- ○ Manual scaling
- ◉ Serverless computing ✗
- ○ Global distribution
- ○ Automatic backups

The correct answer is: Manual scaling

Question 2

Correct

Mark 1.00 out of 1.00

Which Azure service is suitable for a globally distributed, multi-model database that supports multiple data models such as documents , graphs, and key values?

Select one:
- ○ Azure SQL Database
- ○ Azure SQL Managed Instance
- ◉ Azure Cosmos DB ✔
- ○ Azure Database for MySQL

The correct answer is: Azure Cosmos DB

Question 3

Correct

Mark 1.00 out of 1.00

What is the primary advantage of using Azure Database for MySQL over managing a MySQL server on-premises?

Select one:

- ◉ Automatic scaling and managed services ✔
- ○ Lack of global distribution
- ○ Limited scalability
- ○ Reduced security

The correct answer is: Automatic scaling and managed services

Question 4

Correct

Mark 1.00 out of 1.00

What is a key benefit of using Azure Database for PostgreSQL?

Select one:

- ○ Limited scalability
- ○ No support for indexing
- ○ Support for only one programming language
- ◉ Compatibility with PostgreSQL applications ✔

The correct answer is: Compatibility with PostgreSQL applications

Question 5

Correct

Mark 1.00 out of 1.00

What makes Azure Cosmos DB suitable for global applications?

Select one:

- ○ Limited data storage capacity
- ○ Designed for small-scale applications
- ○ Only supports a single data model
- ◉ Automatic scaling and multi-region support ✔

The correct answer is: Automatic scaling and multi-region support

Question 6

Correct

Mark 1.00 out of 1.00

Which Azure service provides a fully managed SQL Server instance with automatic updates?

Select one:

- ○ Azure Cosmos DB
- ○ Azure Database for MySQL
- ● Azure SQL Managed Instance ✔
- ○ Azure SQL Database

The correct answer is: Azure SQL Managed Instance

Question 7

Correct

Mark 1.00 out of 1.00

In Azure SQL Database, what is the purpose of built-in intelligence?

Select one:

- ○ To limit the amount of stored data
- ● To optimize query performance and provide insights ✔
- ○ To enforce data schema constraints
- ○ To restrict access to certain regions

The correct answer is: To optimize query performance and provide insights

Question 8

Incorrect

Mark 0.00 out of 1.00

How does Azure SQL Database handle automatic failover?

Select one:

- ○ Through automatic detection and redirection of traffic to a standby replica
- ○ By relying on manual intervention
- ● By disabling failover for high availability ✖
- ○ By triggering a complete system shutdown

The correct answer is: Through automatic detection and redirection of traffic to a standby replica

Question 9

Correct

Mark 1.00 out of 1.00

In Azure SQL Database, what is the purpose of geo-replication?

Select one:

○ Automatic scaling of resources

○ Enforcing data schema constraints

◉ Providing low-latency access to data in different regions ✔

○ Restricting access to data

The correct answer is: Providing low-latency access to data in different regions

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Question 10

Correct

Mark 1.00 out of 1.00

How does Azure SQL Managed Instance differ from Azure SQL Database?

Select one:

◉ Managed Instance is a fully isolated instance of SQL Server ✔

○ SQL Database is suitable only for single-region deployments

○ SQL Database provides automatic updates, while Managed Instance does not

○ Managed Instance only supports NoSQL data models

The correct answer is: Managed Instance is a fully isolated instance of SQL Server

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