Free Questions for DP-900

Shared by Fletcher on 04-10-2024

For More Free Questions and Preparation Resources

Question 1

Match the types of data to the appropriate Azure data services.

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

NOTE: Each correct match is worth one point.

Data Types		Answer Area	
Key/value pairs	Key/value pairs	Data Type	Azure Blob sto
Relationships between employees		Data Type	Azure Cosmos
		Data Type	Azure Table st

Answer:

Explanation:

https://docs.microsoft.com/en-us/azure/storage/tables/table-storage-design-modeling

Question 2

Which setting can only be configured during the creation of an Azure Cosmos DB account?

Options:

A- geo-redundancy

B- multi-region writes

C- production or non-reduction account type

D- API

Answer:

D

Explanation:

You must create a separate account for each API.

https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-manage-database-account

Question 3

What is a benefit of the Azure Cosmos DB Table API as compared to Azure Table storage?

Options:

A- supports partitioning

B- provides resiliency if art Azure region fads

C- provides a higher storage capacity

D- supports a multi-master model

Answer:

D

Explanation:

Multi-master support for Azure Cosmos DB is now available in all public regions.

Azure CosmosDB table API is a key-value storage hosted in the cloud. It's a part of Azure Cosmos DB, that is Microsoft's multi-model database.

Question 4

Question Type: **MultipleChoice**

Your company is designing a data store tor internet-connected temperature sensors. The collected data will be used to analyze temperature trends. Which type of data store should you use?

Options:

A- relational

B- columnar

C- graph

D- time series

Answer:

D

Explanation:

Time series data is a set of values organized by time. Time series databases typically collect large amounts of data in real time from a large number of sources. Updates are rare, and deletes are often done as bulk operations. Although the records written to a time-series database are generally small, there are often a large number of records, and total data size can grow rapidly.

https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/data-store-overview

Question 5

Question Type: **DragDrop**

Match the Azure Data Lake Storage terms to the appropriate levels in the hierarchy.

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

NOTE: Each correct match is worth one point.

File share	account		File share	

File system		

Level

Answer:

Level

Explanation:

Question 6

Question Type: **MultipleChoice**

At which two levels can you set the throughput for an Azure Cosmos DB account? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Options:

A- container

B- item

C- database

D- partition

Answer:

A, C

Explanation:

Question 7

Question Type: MultipleChoice

Your company if designing an application that will write a high volume of JSON data and will have an application-defined schema.

Which type of data store should you use?

Options:

A- key/value

B- document

C- graph

D- columnar

Answer:

B

Explanation:

A key/value store associates each data value with a unique key.

An application can store arbitrary data as a set of values. Any schema information must be provided by the application. The key/value store simply retrieves or stores the value by key.

https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/data-store-overview

Question 8

At which level in Azure Cosmos DB can you configure multiple write regions and read regions?

Options:

A- database

B- partition

C- collection

D- account

Answer:

C