> ➢ **Vendor:** Microsoft

> ➢ **Exam Code:** DP-900

> ➢ **Exam Name:** Microsoft Azure Data Fundamentals

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QUESTION 34
HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Table storage supports multiple read replicas.	○	○
Azure Table storage supports multiple write regions.	○	○
The Azure Cosmos DB Table API supports multiple read replicas.	○	○
The Azure Cosmos DB Table API supports multiple write regions.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
Azure Table storage supports multiple read replicas.	◉	○
Azure Table storage supports multiple write regions.	○	◉
The Azure Cosmos DB Table API supports multiple read replicas.	◉	○
The Azure Cosmos DB Table API supports multiple write regions.	◉	○

Explanation

Explanation/Refere

nce:
Reference:
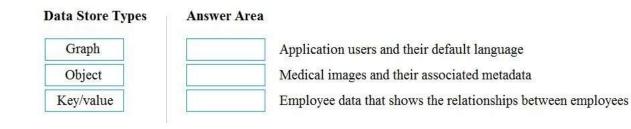https://docs.microsoft.com/en-us/azure/cosmos-db/high-availability

QUESTION 35
DRAG DROP

Match the types of data stores to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

Select and Place:

Data Store Types	Answer Area	
Graph	[ ]	Application users and their default language
Object	[ ]	Medical images and their associated metadata
Key/value	[ ]	Employee data that shows the relationships between employees

Correct Answer:

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Data Store Types	Answer Area	
Graph	Key/value	Application users and their default language
Object	Object	Medical images and their associated metadata
Key/value	Graph	Employee data that shows the relationships between employees

Explanation

Explanation/Refer

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

QUESTION 36
You have an Azure Cosmos DB account that uses the Core (SQL) API.

Which two settings can you configure at the container level? Each correct answer presents a complete solution. (Choose two.)

NOTE: Each correct selection is worth one point.

A. the throughput
B. the read region
C. the partition key
D. the API

Correct Answer: AC
Explanation

Explanation/Reference:
Reference:
https://www.sqlshack.com/start-your-journey-with-azure-cosmos-db/

QUESTION 37
Your company is designing a data store that will contain student data. The data has the following format.

StudentNumber	StudentInformation
7634634	First name: Ben Last: Smith Preferred Name: Benjamin
7634634	First Name: Dominik Last Name: Paiha Email Address: dpaiha@contoso.com MCP ID: 931817
7634636	First Name: Reshma Last Name: Patel Phone number: 514-555-1101
7634637	First Name: Yun-Feng Last Name: Peng

Which type of data store should you use?

A. graph
B. key/value
C. object
D. columnar

Correct Answer: D
Explanation

Explanation

QUESTION 38
Which storage solution supports role-based access control (RBAC) at the file and folder level?

A. Azure Disk Storage
B. Azure Data Lake Storage
C. Azure Blob storage
D. Azure Queue storage

Correct Answer: B
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-access-control

QUESTION 39
You need to store data in Azure Blob storage for seven years to meet your company's compliance requirements. The retrieval time of the data is unimportant. The solution must minimize storage costs.

Which storage tier should you use?

A. Archive
B. Hot
C. Cool

Correct Answer: A
Explanation

Explanation/Reference:
Reference:
https://cloud.netapp.com/blog/azure-blob-storage-pricing-the-complete-guide-azure-cvo-blg#H1_4

QUESTION 40
Which type of non-relational data store supports a flexible schema, stores data as JSON files, and stores the all the data for an entity in the same document?

A. document
B. columnar
C. graph
D. time series

Correct Answer: A
Explanation

Explanation/Reference:

QUESTION 41
DRAG DROP

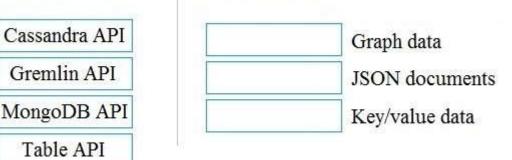Match the Azure Cosmos DB APIs to the appropriate data structures.

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

NOTE: Each correct match is worth one point.

Select and Place:

APIs	Answer Area
Cassandra API	[ ] Graph data
Gremlin API	[ ] JSON documents
MongoDB API	[ ] Key/value data
Table API	

Correct Answer:

APIs	Answer Area
Cassandra API	Gremlin API — Graph data
Gremlin API	MongoDB API — JSON documents
MongoDB API	Table API — Key/value data
Table API	

Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/faq

QUESTION 42
HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

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Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

▼
enable the hierarchical namespace.
set Account kind to BlobStorage.
set Performance to Premium.
set Replication to Read-access geo-redundant storage (RA-GRS).

Correct Answer:

Answer Area

To configure an Azure Storage account to support both security at the folder level and atomic directory manipulation,

▼
enable the hierarchical namespace.
set Account kind to BlobStorage.
set Performance to Premium.
set Replication to Read-access geo-redundant storage (RA-GRS).

Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/data-lake-storage-namespace

QUESTION 43
HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

You can query a graph database in Azure Cosmos DB

as a JSON document by using a SQL-like language.
as a partitioned row store by using Cassandra Query Language (CQL).
as a partitioned row store by using Language-Integrated Query (LINQ).
as nodes and edges by using the Gremlin language.

Correct Answer:

Answer Area

You can query a graph database in Azure Cosmos DB

as a JSON document by using a SQL-like language.
as a partitioned row store by using Cassandra Query Language (CQL).
as a partitioned row store by using Language-Integrated Query (LINQ).
as nodes and edges by using the Gremlin language.

Explanatio

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Explanatio

n/Referenc

e:
Reference:
https://www.sqlshack.com/graph-database-implementation-with-azure-cosmos-db-using-the-api/

QUESTION 44
You manage an application that stores data in a shared folder on a

Windows server. You need to move the shared folder to Azure

Storage.

Which type of Azure Storage should you use?

A. queue
B. blob
C. file
D. table

Correct Answer: B
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/storage/common/storage-use-azcopy-files