

# Free Questions for DP-900 by certsinside

Shared by Washington on 15-04-2024

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# **Question 1**

**Question Type:** MultipleChoice

Which Azure Storage service implements the key/value model?

### **Options:**

- A- Azure Files
- **B-** Azure Table
- C- Azure Blob
- D- Azure Queue

#### **Answer:**

В

# **Question 2**

**Question Type:** DragDrop

Match the database normalization terms to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

Terms	Answer Area	
Attributes		Get separated into individual columns
Answer:		Get separated into individual tables
Foreign keys		Link two related entities
Question 3	•	
Question Type: DragI	Drop	

Match the job roles to the appropriate tasks.

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

NOTE: Each correct match is worth one point.

Job roles	Answer Area	
Data analyst		Create a pipeline to transfer data from a database to a data warehouse.
Data architect Answer:		Create a transactional database.
Data engineer  Database administrator or	0 0	Create a chart that shows sales transactions by week.
uestion 4	:	

Match the types of activities to the appropriate Azure Data Factory activities.

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

NOTE: Each correct match is worth one point.

Activity Types	Answer Area	
Control ontrol		Сору
Answer: nt		Mapping data flow
Data transformation Explanation:		Until

https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipelines-activities#data-transformation-activities

# **Question 5**

### **Question Type:** MultipleChoice

Which Azure Data Factory component initiates the execution of a pipeline?

### **Options:**

- A- a control flow
- B- a trigger
- C- a parameter
- D- an activity

#### **Answer:**

В

### **Explanation:**

https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipeline-execution-triggers#trigger-execution

# **Question 6**

#### **Question Type:** MultipleChoice

You have a SQL pool in Azure Synapse Analytics that is only used actively every night for eight hours.

You need to minimize the cost of the SQL pool during idle times. The solution must ensure that the data

remains intact.

What should you do on the SQL pool?

#### **Options:**

- A- Scale down the data warehouse units (DWUs).
- B- Pause the pool.
- **C-** Create a user-defined restore point.
- **D-** Delete the pool

Answer:	
В	
Explanation:	
https://docs.microsoft.com	/en-us/azure/synapse-analytics/sql-data-warehouse/sql-data-warehouse-managecompute-overview
uestion 7	
	ce
nestion Type: MultipleChoi	ce ne telemetry data from a mobile application.
uestion Type: MultipleChoi	ne telemetry data from a mobile application.
Question 7  uestion Type: MultipleChoi  You need to gather real-tir  Which type of workload de	ne telemetry data from a mobile application.

B- batch

C- massively p	,			
D- streaming				
Answer:				
D				
Explanation				
nttps://docs.m				
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<b>Question</b> Lestion Type: N  Which scenari	8  [ultipleChoice			

- A- sending transactions that are older than a month to an archive
- B- sending transactions daily from point of sale (POS) devices
- C- sending telemetry data from edge devices
- D- sending cloud infrastructure metadata every 30 minutes

#### **Answer:**

С

# **Question 9**

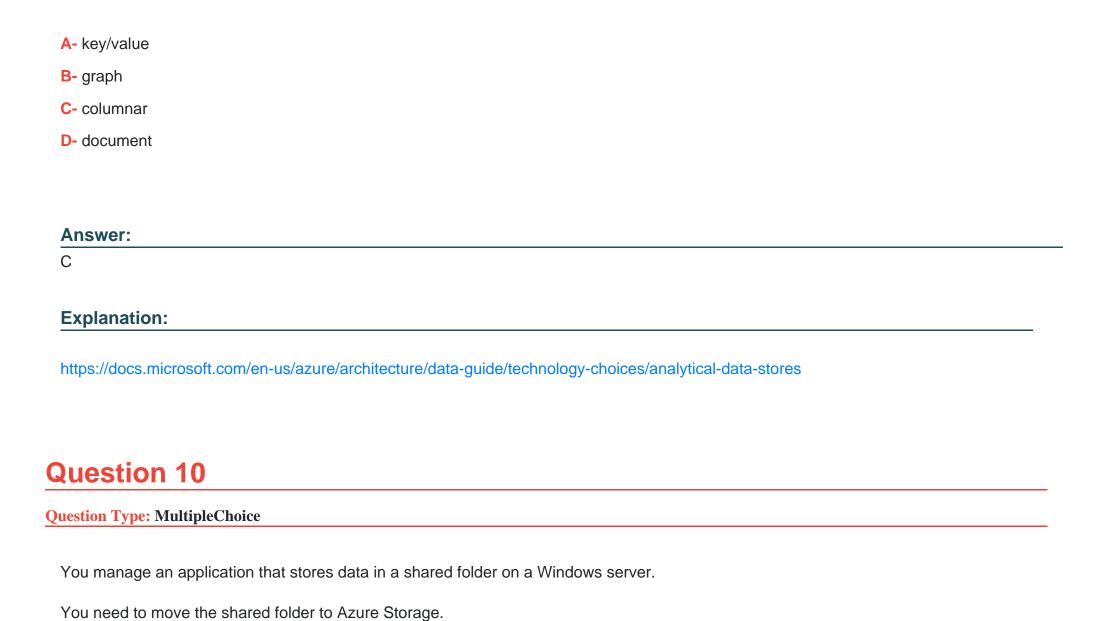
#### **Question Type:** MultipleChoice

Your company is designing a database that will contain session data for a website. The data will include

notifications, personalization attributes, and products that are added to a shopping cart.

Which type of data store will provide the lowest latency to retrieve the data?

#### **Options:**



Options:			
A- queue			
B- blob			
C- file			
D- table			
Answer:			
С			
Explanation:			

Azure file shares can be mounted concurrently by cloud or on-premises deployments of Windows, Linux, and macOS. Azure file shares can also be cached on Windows Servers with Azure File Sync for fast access near where the data is being used.

https://azure.microsoft.com/en-us/services/storage/files/

Which type of Azure Storage should you use?

# **Question 11**

#### **Question Type: DragDrop**

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.

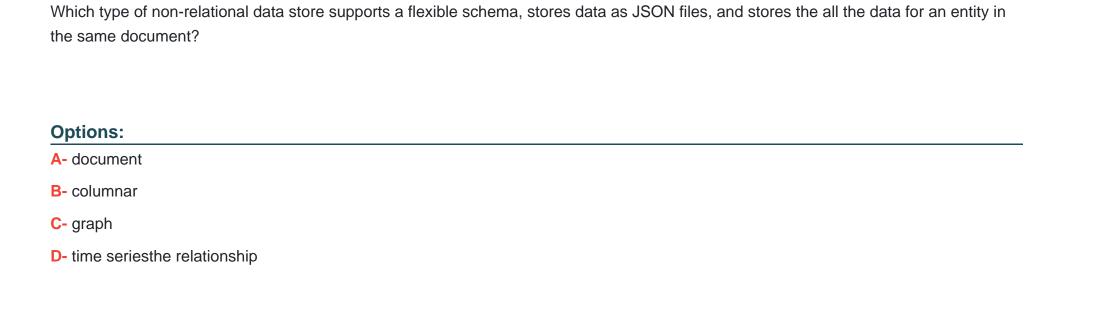
NOTE: Each correct match is worth one point.

APIs	Answer Area	
Cassandra API I		Graph data
CHEMPTH API Y		JSON documents
MongoDB API I Explanation:		Key/value data
Table API PI	la constant	

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

# **Question 12**

**Question Type:** MultipleChoice



**Answer:** 

Α

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