

DP-900 Dumps

Microsoft Azure Data Fundamentals

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NEW QUESTION 1

Which command-line tool can you use to query Azure SQL databases?

- A. sqlcmd
- B. bcp
- C. azdata
- D. Azure CLI

Answer: D

NEW QUESTION 2

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 3

What are two benefits of platform as a service (PaaS) relational database offerings in Azure, such as Azure SQL Database? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. complete control over backup and restore processes
- B. access to the latest features
- C. in-database machine learning services
- D. reduced administrative effort for managing the server infrastructure

Answer: BC

NEW QUESTION 4

Your company recently reported sales from the third quarter. You have the chart shown in the following exhibit.

Which type of analysis is shown for the fourth quarter?

- A. predictive
- B. prescription
- C. descriptive
- D. diagnostic

Answer: B

NEW QUESTION 5

Match the tools to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 6

Which Azure SQL offering supports automatic database scaling and automatic pausing of the database during inactive periods?

- A. Azure SQL Database Hyperscale
- B. Azure SQL managed instance
- C. Azure SQL Database serverless
- D. Azure SQL Database elastic pod

Answer: B

NEW QUESTION 7

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 8

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 9

For each of the following statements. select Yes if the statement is true. Otherwise, select No. NOTE Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 12

For each of the following statements, select Yes if the statement is true, Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 13

What are two characteristics of real-time data processing? Each correct answer present a complete solution. NOTE: Each correct selection is worth one point.

- A. Data is processed as it is created.
- B. Low latency is expected
- C. High latency acceptable
- D. Data is processed periodically

Answer: BD

NEW QUESTION 14

match the Azure data factory components to the appropriate descriptions.

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

NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 18

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 21

Match the security components to the appropriate scenarios.

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

NOTE: Each correct match is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 26

You have a transactional application that stem data in an Azure SQ1 managed instance. When should you implement a read-only database replica?

- A. You need to generate reports without affecting the transactional workload.
- B. You need to audit the transactional application.
- C. You need to implement high availability in the event of a regional outage
- D. You need to improve the recovery point objective (RPO).

Answer: C

NEW QUESTION 28

You have an application that runs on Windows and requires access to a mapped drive. Which Azure service should you use?

- A. Azure Cosmos DB
- B. Azure Table storage
- C. Azure Files
- D. Azure Blob Storage

Answer: A

NEW QUESTION 30

Which statement is an example of Data Definition Language (DDL)?

- A. SELECT
- B. JOIN
- C. MERGE
- D. CREATE

Answer: D

NEW QUESTION 31

You have a quality assurance application that reads data from a data warehouse. Which type of processing does the application use?

- A. Online Transaction Processing (OLTP)
- B. batch processing
- C. Online Analytical Processing (OLAP)
- D. stream processing

Answer: A

NEW QUESTION 32

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 36

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 38

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 43

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

- A. geo-redundancy
- B. multi-region writes
- C. production or non-reduction account type
- D. API

Answer: C

NEW QUESTION 48

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 49

For each of the following statements, select yes if the statement is true, Otherwise, select No. Note: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 52

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?

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

Answer: B

NEW QUESTION 56

You need to gather real-time telemetry data from a mobile application. Which type of workload describes this scenario?

- A. Online Transaction Processing (OLTP)
- B. batch
- C. massively parallel processing (MPP)
- D. streaming

Answer: D

NEW QUESTION 61

Which Azure Data Factory component provides the compute environment for activities?

- A. a linked service
- B. an integration runtime
- C. a control flow
- D. a pipeline

Answer: A

NEW QUESTION 65

You need to use Transact-SQL to query files in Azure Data Lake Storage from an Azure Synapse Analytics data warehouse. What should you use to query the files?

- A. Azure Functions
- B. Microsoft SQL Server Integration Services (SSIS)
- C. PolyBase
- D. Azure Data Factory

Answer: C

NEW QUESTION 68

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 69

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

Answer: A

NEW QUESTION 72

Which Azure storage solution provides native support for POSIX-compliant access control lists (ACLs)?

- A. Azure Queue storage

- B. Azure Data Lake Storage
- C. Azure table storage
- D. Azure Files

Answer: C

NEW QUESTION 75

For each of the following statements, select yes if the statement is true, Otherwise select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 80

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 81

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 84

Match the 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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 87

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 90

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 95

What should you use to build a Microsoft Power BI paginated report?

- A. Power BI report Builder
- B. Power BI Desktop
- C. Charticator
- D. the Power BI service

Answer: B

NEW QUESTION 100

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?

- A. key/value
- B. graph
- C. columnar
- D. document

Answer: C

NEW QUESTION 101

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

Answer: A

NEW QUESTION 105

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

- A. database
- B. partition
- C. collection
- D. account

Answer: C

NEW QUESTION 109

You need to recommend a non-relational data store that is optimized for storing and retrieving files, videos, audio stream, and virtual disk images. The data store must store data, some metadata, and a unique ID for each file.

Which type of data store should you recommend?

- A. document
- B. key/value
- C. object
- D. columnar

Answer: C

NEW QUESTION 114

Match the Azure services to the appropriate locations in the architecture.

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

NOTE: Each correct match is worth one point.

A. Mastered

B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 118

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 121

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

Answer: B

NEW QUESTION 125

When you create an Azure SQL database, which account can always connect to the database ?

- A. the Azure Active director/ (Azure AO) account that created the database
- B. the Azure Active Directly Azure AD) administrator account
- C. the sa account
- D. the server admin login account of the logical server

Answer: B

NEW QUESTION 128

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 129

You have a SQL query that combines customer data and order data. The query includes calculated columns. You need to persist the SQL query so that other users can use the query. What should you create?

- A. a table
- B. an index
- C. scalar function
- D. a view

Answer: B

NEW QUESTION 130

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

Which type of data store should you use?

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

Answer: D

NEW QUESTION 131

You have the following JSON document.

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the JSON document.
NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 132

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

- A. supports partitioning
- B. provides resiliency if an Azure region fails
- C. provides a higher storage capacity

D. supports a multi-master model

Answer: B

NEW QUESTION 133

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 138

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 143

You are deploying a software as a service (SaaS) application that requires a relational database for Online Transaction Processing (OLTP). Which Azure service should you use to support the application?

- A. Azure Cosmos D3
- B. Azure Synapse Analytics
- C. Azure HCMmtghi
- D. Azure SQL Database

Answer: B

NEW QUESTION 148

A team of developers has computers that run Windows 10 and Ubuntu Desktop.

The developers need to connect to and query an Azure SQL database from the computers. The developers require code assistance features such as IntelliSense. What should the developers use?

- A. Azure Data Studio
- B. sqlcmd
- C. Microsoft SQL Server Management Studio (SSMS)
- D. Azure Data Explorer

Answer: B

NEW QUESTION 153

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 158

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 163

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