Microsoft

Exam Questions DP-900

Microsoft Azure Data Fundamentals

NEW QUESTION 1
You are reviewing the data model shown in the following exhibit.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
Your company has a reporting solution that has paginated reports. The reports query a dimensional model in a data warehouse. Which type of processing does the reporting solution use?

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

Answer: D

NEW QUESTION 3
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 4
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.

A. container
B. item
C. database
D. partition

Answer: AC

NEW QUESTION 5
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 6
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 7
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 8
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 9
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 10
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 10
Which two activities can be performed entirely by using the Microsoft Power BI service? Each correct answer presents a complete solution. (Choose two.)
NOTE: Each correct selection is worth one point.

A. report and dashboard creation
B. report sharing and distribution
C. data modeling
D. data acquisition and preparation

Answer: AD

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 17
You need to ensure that users use multi-factor authentication (MFA) when connecting to an Azure SQL database.
Which type of authentication should you use?

A. service principal authentication
B. Azure Active Directory (Azure AD) authentication
C. SQL authentication
D. certificate authentication

Answer: B

NEW QUESTION 22
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

Answer: AC

NEW QUESTION 25
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 29
What Is a benefit of hosting a database on Azure SQL managed instance as compared to an Azure SQL database?

A. native support for cross-database queries and transactions
B. built-in high availability
C. system-Initiated automatic backups
D. support for encryption at rest

Answer: A

NEW QUESTION 34
Match the types of analytics that can be used to answer the business questions.
To answer, drag the appropriate analytics type from the column on the left to its question on the right. Each analytics 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 36
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 40
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 42
You have an application that runs on Windows and requires across 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 45
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 50
Which statement is an example of Data Definition Language (DDL)?

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

Answer: D

NEW QUESTION 51
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 56
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 58
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 59
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 62
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 66
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 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 74
You have the following SQL query.

NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 77
For each of the following statements, select yes if he statement is true, Otherwise select No. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 78
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 83
Match the Azure services to appropriate requirements.
To answer, drag the appropriate services from the column on the left to its requirement 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 84
You need to develop a solution to provide data to executives. the solution must provide an interactive graphic interface, depict various key performance indications, and support data exploration by using drill down.
What should you use in Microsoft Power BI?

A. a dashboard
B. Microsoft Power Apps
C. a dataflow
D. a report

Answer: D

NEW QUESTION 89
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 92
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 95
You have an e-commerce application that reads and writes data to an Azure SQL database. Which type of processing does the application use?

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

Answer: D

NEW QUESTION 98
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?

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

Answer: A

NEW QUESTION 100
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 103
Your company needs to implement a relational database in Azure. The solution must minimize ongoing maintenance.
Which Azure service should you use?

A. Azure HDInsight
B. Azure SQL Database
C. Azure Cosmos DB
D. SQL Server on Azure virtual machines

Answer: B

NEW QUESTION 108
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

Answer: B

NEW QUESTION 113
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 114
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 116
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 120
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 121
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 124
What is a benefit of the Azure Cosmos DB Table API as compared to Azure Table storage?

A. supports partitioning
B. provides resiliency if art Azure region fads
C. provides a higher storage capacity
D. supports a multi-master model

Answer: B

NEW QUESTION 126
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 131
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 135
You need to create an Azure Storage account.
Data in the account must replica outside the Azure region automatically.
Which two types of replica can you us for the storage account? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one pint.

A. read-access geo-redundant storage (RA_GRS)
B. zone-redundant storage (ZRS)
C. geo-redundant storage (GRS)
D. locally-redundant storage (LRS)

Answer: AC

NEW QUESTION 137
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 140
You have an inventory management database that contains the following table.

Which statement should you use in a SQL query to change the inventory quantity of Product1 to 270?

A. INSERT
B. MERGE
C. UPDATE
D. CREATE

Answer: C

NEW QUESTION 145
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Paginated Reports
https://powerbi.microsoft.com/en-us/blog/announcing-paginated-reports-in-power-bi-general-availability/

NEW QUESTION 150
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 154
To complete the sentence, select the appropriate option in the answer area.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 157
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 159
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