

DP-900 Dumps

Microsoft Azure Data Fundamentals

<https://www.certleader.com/DP-900-dumps.html>



NEW QUESTION 1

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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)

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as nodes and edges by using the Gremlin language

NEW QUESTION 2

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

Answer Area

The massively parallel processing (MPP) engine

of Azure Synapse Analytics

distributes processing across compute nodes.

distributes processing across control nodes.

redirects client connections across compute nodes.

redirects client connections across control nodes.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

The massively parallel processing (MPP) engine

of Azure Synapse Analytics

distributes processing across compute nodes.

distributes processing across control nodes.

redirects client connections across compute nodes.

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NEW QUESTION 3

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 4

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

Answer Area

Statements	Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.	<input type="radio"/>	<input type="radio"/>
Partition keys are used in Azure Cosmos DB to optimize queries.	<input type="radio"/>	<input type="radio"/>
Items contained in the same Azure Cosmos DB logical partition can have different partition keys.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
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Answer: A

Explanation:

Statements		Yes	No
The Azure Cosmos DB API is configured separately for each database in an Azure Cosmos DB account.		<input checked="" type="radio"/>	<input type="radio"/>
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NEW QUESTION 5

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 6

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 7

You need to design and model a database by using a graphical tool that supports project-oriented offline database development.
What should you use?

- A. Microsoft SQL Server Data Tools (SSDT)
- B. Microsoft SQL Server Management Studio (SSMS)
- C. Azure Databricks
- D. Azure Data Studio

Answer: A

NEW QUESTION 8

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

Transparent Data Encryption (TDE) encrypts	<div>a column to protect data at rest and in transit. queries and their results in order to protect data in transit. the database to protect data at rest. the server to protect data at rest.</div>
--	--

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Transparent Data Encryption (TDE) encrypts	<div>a column to protect data at rest and in transit. queries and their results in order to protect data in transit. the database to protect data at rest. the server to protect data at rest.</div>
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NEW QUESTION 9

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 10

You are writing a set of SQL queries that administrators will use to troubleshoot an Azure SQL database. You need to embed documents and query results into a SQL notebook.

What should you use?

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

Answer: B

NEW QUESTION 10

Which scenario is an example of a streaming workload?

- 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: C

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.

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database has built-in high availability.	<input type="radio"/>	<input type="radio"/>
Azure SQL Database can use Azure Advanced Threat Protection (ATP).	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure SQL Database includes a fully managed backup service.	<input checked="" type="radio"/>	<input type="radio"/>
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NEW QUESTION 17

When provisioning an Azure Cosmos DB account, which feature provides redundancy within an Azure region?

- A. multi-master replication
- B. Availability Zones
- C. automatic failover
- D. the strong consistency level

Answer: B

NEW QUESTION 22

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

- A. SELECT

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

Answer: D

NEW QUESTION 23

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 25

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

Statements	Yes	No
Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
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Answer: A

Explanation:

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Azure Databricks is an Apache Spark-based collaborative analytics platform.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Analysis Services is used for transactional workloads.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Data Factory orchestrates data integration workflows.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 28

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 33

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

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
A pipeline is a representation of a data structure within Azure Data Factory.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Data Factory pipelines can execute other pipelines.	<input checked="" type="radio"/>	<input type="radio"/>
A processing step within an Azure Data Factory pipeline is an activity.	<input type="radio"/>	<input checked="" type="radio"/>

NEW QUESTION 36

Which two Azure services can be used to provision Spark clusters? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. Azure Databricks
- B. Azure Log Analytics
- C. Azure Time Series Insights
- D. Azure HDInsight

Answer: AD

NEW QUESTION 40

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

Statements	Yes	No
You must apply patches to Azure SQL databases regularly.	<input type="radio"/>	<input type="radio"/>
You need a Microsoft 365 subscription to create an Azure SQL database.	<input type="radio"/>	<input type="radio"/>
You can use existing Microsoft SQL Server licenses to reduce the cost of Azure SQL databases.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You must apply patches to Azure SQL databases regularly.	<input type="radio"/>	<input checked="" type="radio"/>
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NEW QUESTION 41

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 46

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

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

▼

graph.

table.

partition key.

document.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

When using the Azure Cosmos DB Gremlin API, the container resource type is projected as a

▼

graph.

table.

partition key.

document.

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.

Answer Area

12345

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

12345

Statements	Yes	No
Azure SQL managed instance supports cross-database queries.	<input checked="" type="radio"/>	<input type="radio"/>
Azure SQL managed instance supports user-created backups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL managed instance databases can be restored to SQL Server on an Azure virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

NEW QUESTION 50

Match the types of workloads the appropriate scenario.
To answer, drag the appropriate workload type from the column on the left to its scenario on the right. Each workload type may be used once, more than once or not at all.
NOTE: Each correct match is worth one point.

Workload Types

Batch

Micro-batch

Streaming

Answer Area

12345

Workload Type	Data for a product catalog will be loaded every 12 hours to a data warehouse.
Workload Type	Data for online purchases will be loaded to a data warehouse as the purchases occur.
Workload Type	Updates to inventory data will be loaded to a data warehouse every 1,000 transactions.

- A. Mastered

B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 51

Your company needs to ensure that in Azure virtual machine can connect to Azure SQL databases without exposing the databases to the internet. What should you use?

- A. Azure DNS
- B. Azure Application Gateway
- C. Azure Private link
- D. Azure Traffic Manager

Answer: B

NEW QUESTION 53

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

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

Answer: B

NEW QUESTION 54

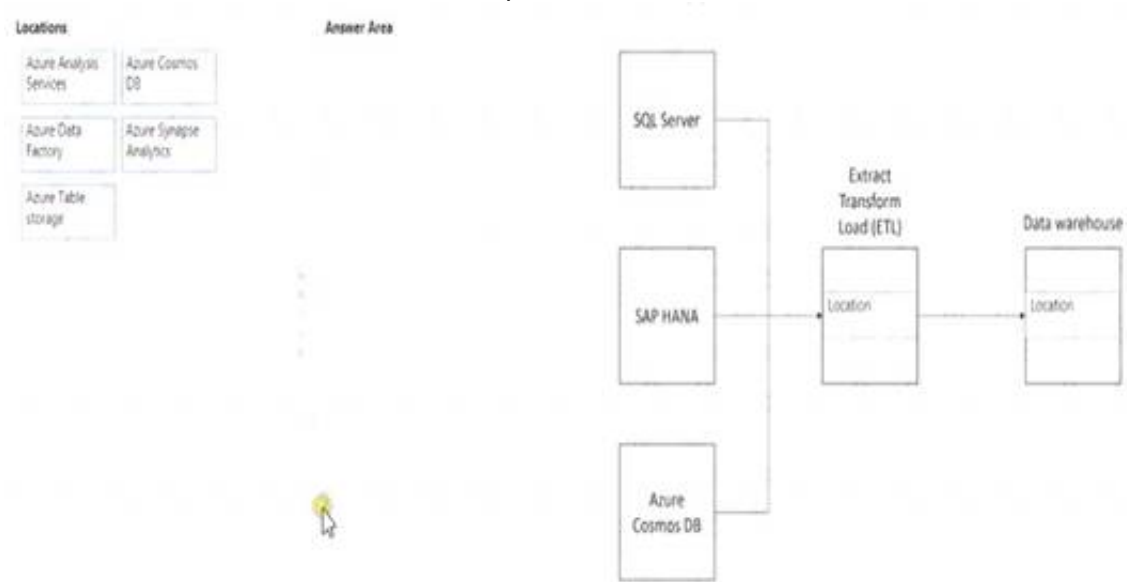
You need to store data in Azure Blob storage for seven years to meet your company's compliance requirements. The retrieval time of the data is unimportant. The solution must minimize storage costs. Which storage tier should you use?

- A. Archive
- B. Hot
- C. Cool

Answer: A

NEW QUESTION 55

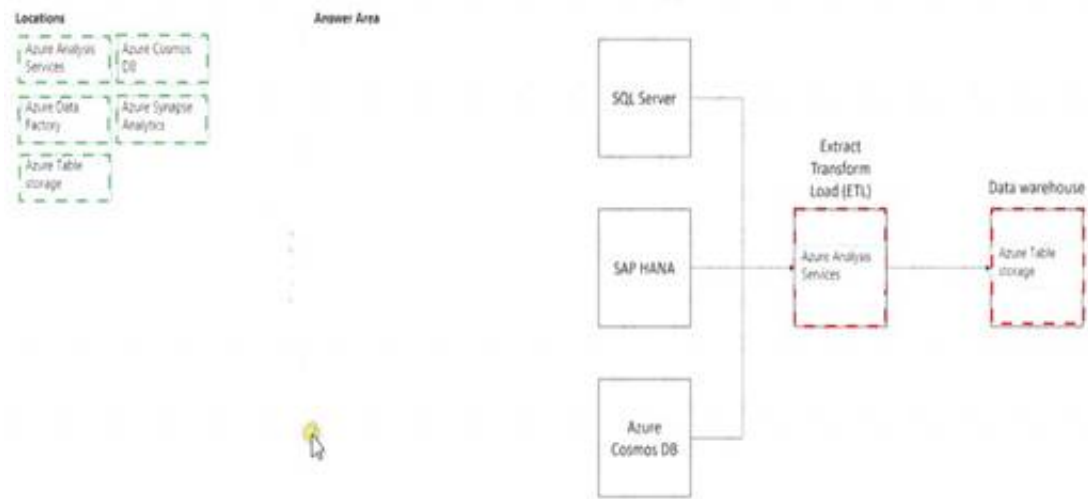
Match the Azure services to the appropriate locations in the architecture. To answer, drag the appropriate service from the column on the left to its location on the right. Each service may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 57

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 60

Your company is 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?

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

Answer: A

NEW QUESTION 61

You have a table named Sales that contains the following data.

SalesDate	SalesAmount	ProductID
4-Apr-20	\$2,000	1
5-Apr-20	\$40	2
5-Apr-20	\$2,300	1
6-Apr-20	\$40	3
6-Apr-20	\$200	4

You need to query the table to return the average sales amount day. The output must produce the following results.

SalesDate	AVG(SalesAmount)
4-Apr-20	\$2,000
5-Apr-20	\$1,170
6-Apr-20	\$120

How should you complete the query? To answer, drag the appropriate values to the correct targets. Each value may be used once, more than once, or not at all.
You may need to drag the split bar between panes or scroll to view content.
NOTE: Each correct selection is worth one point.

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

Value

SalesDate, AVG(SalesAmount)

FROM

Sales

Value

SalesDate

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Values

CREATE

GROUP BY

ORDER BY

SELECT

Answer Area

CREATE

SalesDate, AVG(SalesAmount)

FROM

Sales

SELECT

SalesDate

NEW QUESTION 62

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

In Azure Data Factory, you can use

	▼
a control flow	
a dataset	
a linked service	
an integration runtime	

 to orchestrate pipeline activities that depend on the output of other pipeline activities.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

In Azure Data Factory, you can use

	▼
a control flow	
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 to orchestrate pipeline activities that depend on the output of other pipeline activities.

NEW QUESTION 66

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* Trusted by Millions

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