



DP-900^{Q&As}

Microsoft Azure Data Fundamentals

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QUESTION 1

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:

Yes No

A Microsoft Power BI dashboard is associated with a single workspace

A Microsoft Power BI dashboard can only display visualizations from a single dataset

A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook

Correct Answer:

Yes No

A Microsoft Power BI dashboard is associated with a single workspace

A Microsoft Power BI dashboard can only display visualizations from a single dataset

A Microsoft Power BI dashboard can display visualizations from a Microsoft Excel workbook

Reference: <https://docs.microsoft.com/en-us/power-bi/connect-data/service-datasets-across-workspaces>
<https://docs.microsoft.com/en-us/power-bi/consumer/end-user-dashboards> <https://powerbi.microsoft.com/en-us/excel-and-power-bi/>

QUESTION 2

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

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

QUESTION 3

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:

	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"/>

Correct Answer:



	Yes	No
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"/>

Reference: <https://docs.microsoft.com/en-us/azure/databricks/scenarios/what-is-azure-databricks>
<https://docs.microsoft.com/en-us/azure/analysis-services/analysis-services-overview> <https://docs.microsoft.com/en-us/azure/data-factory/introduction>

QUESTION 4

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

Correct Answer: C

QUESTION 5

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

Hot Area:



A Microsoft Power BI
fixed-layout documents

dashboard
interactive report
paginated report
subscription

enables users to create highly
formatted, archiving.

Correct Answer:

A Microsoft Power BI
fixed-layout documents

dashboard
interactive report
paginated report
subscription

enables users to create highly
formatted, archiving.

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

QUESTION 6

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

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

QUESTION 7

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

Hot Area:



Relational data is stored in

a file system as unstructured data.
a hierarchal folder structure.
a tabular form of rows and columns.
comma-separated value (CSV) files.

Correct Answer:

Relational data is stored in

a file system as unstructured data.
a hierarchal folder structure.
a tabular form of rows and columns.
comma-separated value (CSV) files.

QUESTION 8

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

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

Correct Answer: BC

Reference: <https://www.sqlshack.com/a-beginners-guide-to-azure-databricks/>

QUESTION 9

HOTSPOT

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

Hot 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.	

Correct Answer:

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.	

Reference: <https://docs.microsoft.com/en-us/azure/synapse-analytics/sql-data-warehouse/massively-parallel-processing-mpp-architecture>

QUESTION 10

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

QUESTION 11

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:



	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"/>

Correct Answer:

	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"/>

QUESTION 12

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

Hot Area:



Transparent Data Encryption (TDE) encrypts

- 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.

Correct Answer:

Transparent Data Encryption (TDE) encrypts

- 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.

QUESTION 13

You need to query a table named Products in an Azure SQL database. Which three requirements must be met to query the table from the internet? Each correct answer presents part of the solution. (Choose three.) NOTE: Each correct selection is worth one point.

- A. You must be assigned the Reader role for the resource group that contains the database.
- B. You must have SELECT access to the Products table.
- C. You must have a user in the database.
- D. You must be assigned the Contributor role for the resource group that contains the database.
- E. Your IP address must be allowed to connect to the database.

Correct Answer: BCE

<https://docs.microsoft.com/en-us/sql/relational-databases/security/authentication-access/getting-started-with-database-engine-permissions?view=sql-server-ver15>



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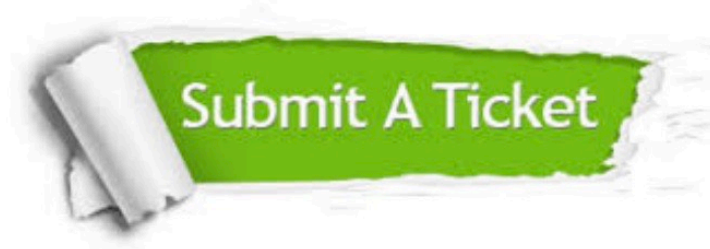
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