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Question 1

Question Type: MultipleChoice

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?

Options:

A- Archive

B- Hot

C- Cool

Answer:

A

Question 2

Question Type: MultipleChoice

Which storage solution supports role-based access control (RBAC) at the file and folder level?

Options:

- A- Azure Disk Storage
- B- Azure Data Lake Storage
- C- Azure Blob storage
- D- Azure Queue storage

Answer:

B

Explanation:

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

Question 3

Question Type: MultipleChoice

Your company is designing a data store that will contain student dat

a. 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?

Options:

A- graph

B- key/value

C- object

D- columnar

Answer:

D

Question 4

Question Type: MultipleChoice

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.

Options:

A- the throughput

B- the read region

C- the partition key

D- the API

Answer:

A, C

Explanation:

<https://www.sqlshack.com/start-your-journey-with-azure-cosmos-db/>

Question 5

Question Type: DragDrop

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.

Data Store Types	Answer Area	
Graph	<input type="text"/>	Application users and their default language
Object	<input type="text"/>	Medical images and their associated metadata
Key/value	<input type="text"/>	Employee data that shows the relationships between employees

<https://docs.microsoft.com/en-us/azure/architecture/guide/technology-choices/data-store-overview>

Question 6

Question Type: DragDrop

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.

Components	Answer Area
Authentication	<input type="text"/> Prevent access to an Azure SQL database from another network.
Firewall	<input type="text"/> Support Azure Active Directory (Azure AD) sign-ins to an Azure SQL database.
Encryption	<input type="text"/> Ensure that sensitive data never appears as plain text in an Azure SQL database.

Explanation:

<https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/configure-a-windows-firewall-for-database-engine-access?view=sql-server-ver15>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/authentication-aad-overview>

<https://docs.microsoft.com/en-us/azure/azure-sql/database/always-encrypted-certificate-store-configure>

Question 7

Question Type: MultipleChoice

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

What should you use?

Options:

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

Answer:

A

Explanation:

<https://docs.microsoft.com/en-us/sql/ssdt/project-oriented-offline-database-development?view=sql-serverver15>

Question 8

Question Type: MultipleChoice

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?

Options:

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

Answer:

B

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/authentication-mfa-ssms-overview>

Question 9

Question Type: MultipleChoice

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

Options:

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

Answer:

A

Explanation:

<https://docs.microsoft.com/en-us/azure/azure-sql/database/az-cli-script-samples-content-guide?tabs=singledatabase>

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