



Free Questions for AZ-204 by vceexamstest

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Question 1

Question Type: MultipleChoice

Your company has several containers based on the following operating systems:

- * Windows Server 2019 Nano Server
- * Windows Server 2019 Server Core
- * Windows Server 2022 Nano Server
- * Windows Server 2022 Server Core
- * Linux

You plan to migrate the containers to an Azure Kubernetes cluster. What is the minimum number of node pools that the cluster must have?

Options:

A- 1

B- 2

C- 3

D- 6

Answer:

C

Question 2

Question Type: MultipleChoice

You are designing a small app that will receive web requests containing encoded geographic coordinates. Calls to the app will occur infrequently.

Which compute solution should you recommend?

Options:

A- Azure Functions

B- Azure App Service

C- Azure Batch

D- Azure API Management

Answer:

B

Question 3

Question Type: MultipleChoice

You have an Azure Cosmos DB instance that uses the Strong consistency level and 10,000 Request Units (RUs) per container.

The instance stores restaurant information including location, menu items, and staff. You currently store information for 1,000 restaurant locations, 500 menu items, and 10,000 staff members. You select the location id as the partition key.

How many logical partitions will be created for the container?

Options:

A- 500

B- 1,100

C- 10,000

D- 10,000,000

Answer:

C

Question 4

Question Type: MultipleChoice

You deploy an API to API Management

You must secure all operations on the API by using a client certificate.

You need to secure access to the backend service of the API by using client certificates.

Which two security features can you use?

Options:

A- Azure AD token

B- Self-signed certificate

C- Certificate Authority (CA) certificate

D- Triple DES (3DES) cipher

E- Subscription key

Answer:

B, C

Question 5

Question Type: MultipleChoice

You are developing an application that allows users to find musicians that are looking for work. The application must store information about musicians, the instruments that they play, and other related data.

The application must also allow users to determine which musicians have played together, including groups of three or more musicians that have performed together at a specific location.

Which Azure Cosmos DB API should you use for the application?

Options:

A- Core

B- MongoDB

C- Cassandra

D- Gremlin

Answer:

B

Question 6

Question Type: MultipleChoice

You are designing a web application to manage user satisfaction surveys. The number of questions that a survey includes is variable.

Application users must be able to display results for a survey as quickly as possible. Users must also be able to quickly compute statistical measures including average values across various groupings of answers.

Which Azure Cosmos DB API should you use for the application?

Options:

A- Core

B- Mongo DB

C- Gremlin

D- Table API

Answer:

D

Question 7

Question Type: MultipleChoice

You are developing a mobile app that uses an API which stores geospabal data in Azure Cosmos D& The app will be used to find restaurants in a particular area and related information including food types, menu information and the optimal route to a selected restaurant from the user's current location.

Which Azure Cosmos DB API should you use for the API?

Options:

A- MongoDB

- B- Gremlin
- C- Cassandra
- D- Core

Answer:

A

Question 8

Question Type: MultipleChoice

You are developing a SaaS application that stores data as key value pairs.

You must make multiple editions of the application available. In the lowest cost edition, the performance must be best-effort, and there is no regional failover.

In higher cost editions customers must be able to select guaranteed performance and support for multiple regions. Azure costs must be minimized.

Which Azure Cosmos DB API should you use for the application?

Options:

- A- Core
- B- MongoDB
- C- Cassandra
- D- Table API

Answer:

C

Question 9

Question Type: MultipleChoice

You are developing an application to store information about the organizational structure for a company.

Users must be able to determine which people report to a particular manager, the office where employees work, and the projects that are assigned to an employee.

Which Azure Cosmos DB API should you use for the application?

Options:

- A- Core
- B- Cassandra
- C- Table API
- D- Gremlin
- E- MongoDB

Answer:

E

Question 10

Question Type: MultipleChoice

You are developing an application to manage shipping information for cargo ships. The application will use Azure Cosmos D8 for storage.

The application must run offline when ships are at sea The application must be connected to Azure when ships are in port.

Which Azure Cosmos D8 API should you use for the application?

Options:

- A- Core
- B- MongoDe
- C- Cassandra
- D- Gremlin

Answer:

C

Question 11

Question Type: MultipleChoice

You are developing an Azure Function App that generates end of day reports (or retail stores. All stores dose at 11 PM each day. Reports must be run one hour after dosing. You configure the function to use a Timer trigger that runs at midnight Customers in the Western United States Pacific Time zone (UTC - 8) report that the Azure Function runs before the stores dose. You need to ensure that the Azure Function runs at midnight in the Pacific Time zone.

What should you do?

Options:

- A- Configure the Azure Function to run in the West US region.
- B- Add an app setting named WEBSITE_TIME_ZONE that uses the value Pacific Standard Time
- C- Change the Timer trigger to run at 7 AM
- D- Update the Azure Function to a Premium plan.

Answer:

A

Question 12

Question Type: MultipleChoice

You are developing a complex workflow by using Azure Durable Functions.

During testing you observe that the results of the workflow differ based on how many instances of the Azure Function are running.

You need to resolve the issue.

What should you do?

Options:

- A-** Ensure that all Orchestrator code is deterministic.
- B-** Read all state data from the durable function context
- C-** Configure the Azure Orurable function to run on an App Service Plan with one instance.
- D-** Implement the monitor pattern within the workflow.

Answer:

A

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