

Free PDF Microsoft - DP-420 - Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Accurate Regualer Update



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The DP-420 exam is a great way to prove your expertise in designing and implementing cloud-native applications using Azure Cosmos DB. You'll be tested on your ability to design and implement data models, partition data, optimize query performance, and troubleshoot common issues. Additionally, you'll be required to demonstrate your knowledge of event-driven architectures and how to use Azure Functions, Azure Event Grid, and Azure Stream Analytics to build them. Passing the DP-420 Exam will give you a competitive edge in the job market and open up new career opportunities in cloud-native application development.

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DP-420 Pass Leader Dumps & Valid DP-420 Test Materials

Now Microsoft DP-420 is a hot certification exam in the IT industry, and a lot of IT professionals all want to get Microsoft DP-420 certification. So Microsoft certification DP-420 exam is also a very popular IT certification exam. Microsoft DP-420 certificate is very helpful to your work in the IT industry, which can help promote your position and salary a lot and let your life have more security.

The Microsoft DP-420 exam tests the candidate's ability to design and implement Cosmos DB solutions, including selecting the appropriate data model, partitioning, indexing, and scaling. DP-420 Exam also tests the candidate's ability to design and implement security, availability, and disaster recovery solutions for Cosmos DB.

Microsoft Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Sample Questions (Q86-Q91):

NEW QUESTION # 86

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a container named container1 in an Azure Cosmos DB Core (SQL) API account.

You need to make the contents of container1 available as reference data for an Azure Stream Analytics job.

Solution: You create an Azure Synapse pipeline that uses Azure Cosmos DB Core (SQL) API as the input and Azure Blob Storage as the output.

Does this meet the goal?

- A. No
- B. Yes

Answer: A

Explanation:

Explanation

Instead create an Azure function that uses Azure Cosmos DB Core (SQL) API change feed as a trigger and Azure event hub as the output.

The Azure Cosmos DB change feed is a mechanism to get a continuous and incremental feed of records from an Azure Cosmos container as those records are being created or modified. Change feed support works by listening to container for any changes. It then outputs the sorted list of documents that were changed in the order in which they were modified.

The following diagram represents the data flow and components involved in the solution:

Reference: <https://docs.microsoft.com/en-us/azure/cosmos-db/sql/change-feed-ecommerce-solution>

NEW QUESTION # 87

You have an Azure Cosmos DB Core (SQL) API account named account1 that has the disableKeyBasedMetadataWriteAccess property enabled.

You are developing an app named App1 that will be used by a user named DevUser1 to create containers in account1. DevUser1 has a non-privileged user account in the Azure Active Directory (Azure AD) tenant.

You need to ensure that DevUser1 can use App1 to create containers in account1.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/secure-access-to-data>

<https://docs.microsoft.com/en-us/rest/api/resources/>

NEW QUESTION # 88

You have an Azure Cosmos DB for NoSQL account that frequently receives the same three queries.

You need to configure indexing to minimize RUs consumed by the queries.

Which type of index should you use for each query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:

Box 1 = Range Azure Cosmos DB supports three types of indexes: range, spatial and composite. For the query you provided, which is an equality query on a single property, the best type of index to use is range. Range index is based on an ordered tree-like structure and it is used for equality queries, range queries and checking for the presence of a property1. Range index also supports any string or number2.

Box 2 = Composite

Azure Cosmos DB supports three types of indexes: range, spatial and composite. For the query you provided, which is an order by query on two properties, the best type of index to use is composite. Composite index is used for optimizing order by queries on multiple properties1. Composite index allows you to specify a list of property paths and sort orders that are used for ordering items2.

Box 3 = spatial

Azure Cosmos DB supports three types of indexes: range, spatial and composite. For the query you provided, which is a spatial

query on a point property, the best type of index to use is spatial. Spatial index is used for querying items based on their location or proximity to a given point¹. Spatial index supports point, polygon and linestring data types².

NEW QUESTION # 89

You have a database in an Azure Cosmos DB SQL API Core (SQL) account that is used for development.

The database is modified once per day in a batch process.

You need to ensure that you can restore the database if the last batch process fails. The solution must minimize costs.

How should you configure the backup settings? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

E = 1 - ϵ

Explanation:

NEW QUESTION # 90

You need to select the capacity mode and scale configuration for account2 to support the planned changes and meet the business requirements. What should you select? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer:

Explanation:

□ Explanation:

Explanation

NEW QUESTION # 91

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