Latest updated DP-420 Valid Mock Exam | Amazing Pass Rate For DP-420 Exam | Top DP-420: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB

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DumpsValid has come up with the latest and real Microsoft DP-420 Exam Dumps that can solve these drastic problems for you. We guarantee that these questions will be enough for you to clear the Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB (DP-420) examination on the first attempt. Doubtlessly, cracking the Microsoft DP-420 test of the Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB (DP-420) credential is one tough task but this task can be made easier if you prepare with Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB (DP-420) practice questions of DumpsValid.

The DP-420 exam is a great way to enhance your professional credentials and demonstrate your expertise in cloud-native application development using Azure Cosmos DB. Earning this certification can help you stand out in a competitive job market and open up new career opportunities. Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB certification is also beneficial for organizations looking to hire professionals with expertise in cloud computing and database management.

Microsoft DP-420 exam is an advanced-level certification designed to validate the skills and knowledge of professionals in designing and implementing cloud-native applications using Microsoft Azure Cosmos DB. Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB certification is highly valued in the industry and can help professionals advance their careers in cloud-native application development. If you are interested in taking DP-420 Exam, make sure to prepare thoroughly and gain hands-on experience with Azure Cosmos DB and other related technologies.

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Microsoft Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Sample Questions (Q70-Q75):

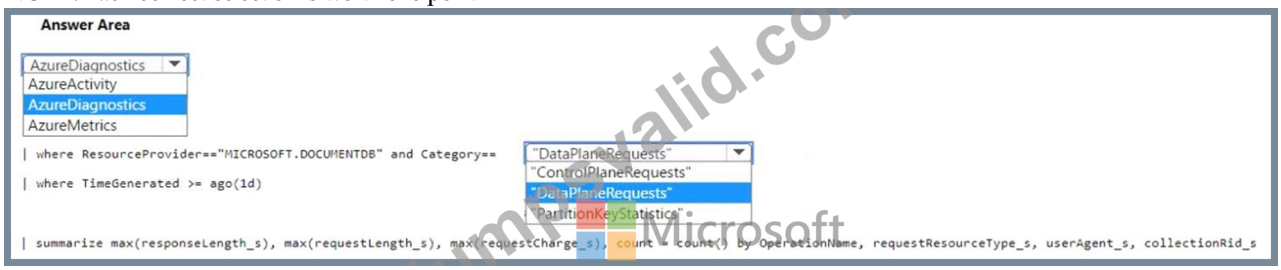
NEW QUESTION # 70
You need to configure an Apache Kafka instance to ingest data from an Azure Cosmos DB Core (SQL) API account. The data from a container named telemetry must be added to a Kafka topic named iot. The solution must store the data in a compact binary format.
Which three configuration items should you include in the solution? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. "key.converter": "io.confluent.connect.avro.AvroConverter"
- B. "connector.class": "com.azure.cosmos.kafka.connect.source.CosmosDBSourceConnector"
- C. "connect.cosmos.containers.topicmap": "iot"
- D. "connector.class": "com.azure.cosmos.kafka.connect.source.CosmosDBSinkConnector"
- E. "key.converter": "org.apache.kafka.connect.json.JsonConverter"
- F. "connect.cosmos.containers.topicmap": "iot#telemetry"

Answer: A,D,F

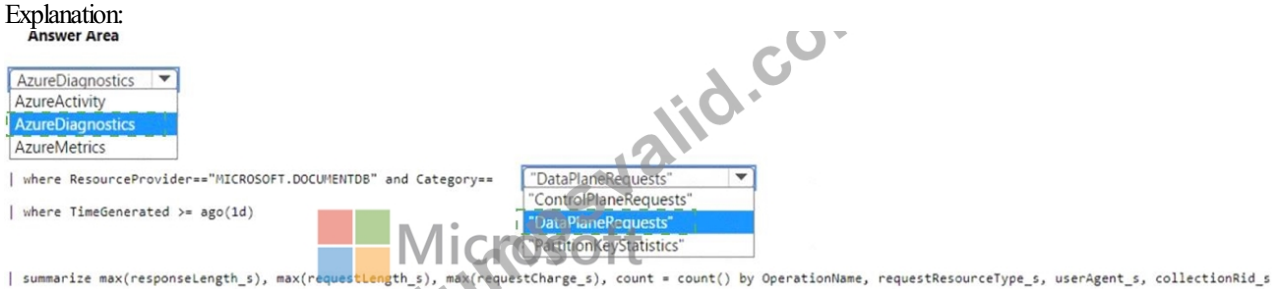
Explanation:
C: Avro is binary format, while JSON is text.
F: Kafka Connect for Azure Cosmos DB is a connector to read from and write data to Azure Cosmos DB. The Azure Cosmos DB sink connector allows you to export data from Apache Kafka topics to an Azure Cosmos DB database. The connector polls data from Kafka to write to containers in the database based on the topics subscription.
D: Create the Azure Cosmos DB sink connector in Kafka Connect. The following JSON body defines config for the sink connector.
Extract:
"connector.class": "com.azure.cosmos.kafka.connect.sink.CosmosDBSinkConnector",
"key.converter": "org.apache.kafka.connect.json.AvroConverter"
"connect.cosmos.containers.topicmap": "hotels#kafka"
Incorrect Answers:
B: JSON is plain text.
Note, full example:
{
"name": "cosmosdb-sink-connector",
"config": {
"connector.class": "com.azure.cosmos.kafka.connect.sink.CosmosDBSinkConnector",
"tasks.max": "1",
"topics": [
"hotels"
],
"value.converter": "org.apache.kafka.connect.json.AvroConverter",
"value.converter.schemas.enable": "false",
"key.converter": "org.apache.kafka.connect.json.AvroConverter",
"key.converter.schemas.enable": "false",
"connect.cosmos.connection.endpoint": "https://<cosmosinstance-name>.documents.azure.com:443/",
"connect.cosmos.master.key": "<cosmosdbprimarykey>",
"connect.cosmos.databasename": "kafkaconnect",
"connect.cosmos.containers.topicmap": "hotels#kafka"
}
}
Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/sql/kafka-connector-sink
https://www.confluent.io/blog/kafka-connect-deep-dive-converters-serialization-explained/

NEW QUESTION # 71
You have an Azure subscription that contains an Azure Cosmos DB for NoSQL account named account1 and a Log Analytics workspace named Workspace1. Workspace 1 stores the logs of account1.
You need to identify which operations used the most request units per second (RU/s) during the last 24 hours.
How should you complete the query? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point



Answer:

Explanation:



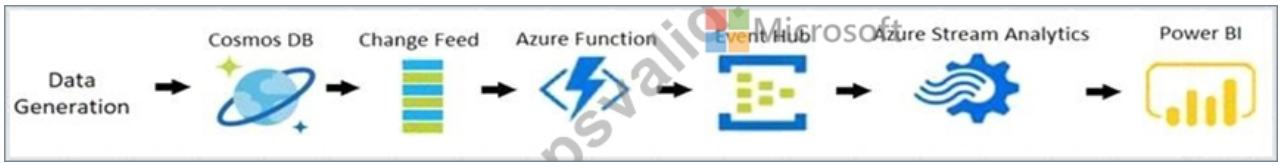
Explanation:

NEW QUESTION # 72
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 Data Factory 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. Yes
- B. No

Answer: B

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/changefeed-ecommerce-solution

NEW QUESTION # 73
You need to provide a solution for the Azure Functions notifications following updates to con-product. The solution must meet the business requirements and the product catalog requirements.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

- A. Configure the trigger for each function to use a different leaseCollectionPrefix
- B. Configure the trigger for each function to use the same leaseCollectionNair.e
- C. Configure the trigger for each function to use a different leaseCollectionName
- D. Configure the trigger for each function to use the same leaseCollectionPrefix

Answer: A,B

Explanation:
leaseCollectionPrefix: when set, the value is added as a prefix to the leases created in the Lease collection for this Function. Using a prefix allows two separate Azure Functions to share the same Lease collection by using different prefixes.
Scenario: Use Azure Functions to send notifications about product updates to different recipients.
Trigger the execution of two Azure functions following every update to any document in the con-product container.
Reference:
https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-cosmosdb-v2-trigger

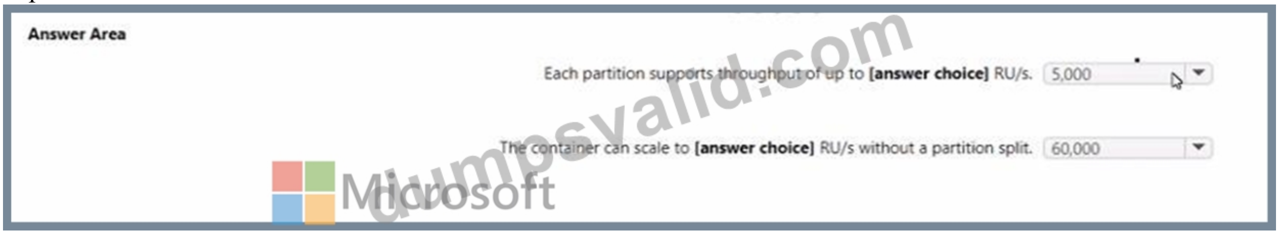
NEW QUESTION # 74
You have a container in an Azure Cosmos DB for NoSQL account. The database that has a manual throughput of 30,000 request units per second (RU/s). The current consumption details are shewn in the following chart.
Normalized RU Consumption (%) By PartitionKeyRangeID

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:



NEW QUESTION # 75

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