



MICROSOFT

DP-420

Designing and Implementing Cloud-Native Applications Using
Microsoft Azure Cosmos DB (DP-420) Exam Questions & Answers

Total Questions: **05**

[Click Here to Buy All Questions](#) →

<https://itexamsquiz.com/product/dp-420-practice-tests/>

About ITExamsQuiz

At ITExamsQuiz, we believe every IT professional deserves access to high-quality exam preparation without breaking the bank. Our expert team curates accurate, up-to-date study material for a wide range of certification exams.

With ITExamsQuiz you get expert-vetted study material, real exam insights, and a fair shot at success.

- ✓ **Lifetime Free Updates**
- ✓ **Money-Back Guarantee**
- ✓ **100% Verified Questions**
- ✓ **24/7 Support via Email**

Doubt Support

We resolve 400+ doubts every day with an average rating of 4.8/5.

<https://itexamsquiz.com>

✉ support@itexamsquiz.com

★ ★ ★ ★ ★ **Logan**

I passed with 920/1000! More than 45 questions were from your PDFs. Highly recommended!

★ ★ ★ ★ ★ **Hailey**

Updated material and correct answers. Passed AZ-900 on first attempt. Thank you ITExamsQuiz!

★ ★ ★ ★ ★ **Brandon**

Amazing accuracy. Out of 52 questions, 50 were from your dumps. Passed with 870 marks!

★ ★ ★ ★ ★ **Madison**

Customer support is very responsive. The PDFs are super accurate. Will recommend to friends!

Question: 1

ITExamsQuiz

You are troubleshooting the current issues caused by the application updates.

Which action can address the application updates issue without affecting the functionality of the application?

- Enable time to live for the con-product container.
- Set the default consistency level of account1 to strong.
- Set the default consistency level of account1 to bounded staleness.
- Add a custom indexing policy to the con-product container.

✓ **Answer: A**
Explanation:

Bounded staleness is frequently chosen by globally distributed applications that expect low write latencies but require total global order guarantee. Bounded staleness is great for applications

featuring group collaboration and sharing, stock ticker, publish-subscribe/queueing etc.
Scenario: Application updates in con-product frequently cause HTTP status code 429 "Too many requests". You discover that the 429 status code relates to excessive request unit (RU) consumption during the updates.

<https://itexamsquiz.com> | ACE YOUR EXAM

Question: 2

ITExamsQuiz

You need to select the partition key for con-iot1. The solution must meet the IoT telemetry requirements.

What should you select?

- A. the timestamp
- B. the humidity
- C. the temperature
- D. the device ID

✓ **Answer: D**

Explanation:

The partition key is what will determine how data is routed in the various partitions by Cosmos DB and needs to make sense in the context of your specific scenario. The IoT Device ID is generally the "natural" partition key for IoT applications.

Scenario: The iotdb database will contain two containers named con-iot1 and con-iot2. Ensure that Azure Cosmos DB costs for IoT-related processing are predictable.

<https://itexamsquiz.com> | ACE YOUR EXAM

Question: 3

ITExamsQuiz

You need to identify which connectivity mode to use when implementing App2. The solution must support the planned changes and meet the business requirements.

Which connectivity mode should you identify?

- A. Direct mode over HTTPS
- B. Gateway mode (using HTTPS)
- C. Direct mode over TCP

✓ **Answer: C**

Explanation:

Scenario: Develop an app named App2 that will run from the retail stores and query the data in account2. App2 must be limited to a single DNS endpoint when accessing account2. By using Azure Private Link, you can connect to an Azure Cosmos account via a private endpoint. The private endpoint is a set of private IP addresses in a subnet within your virtual network. When you're using Private Link with an Azure Cosmos account through a direct mode connection, you can use only the TCP protocol. The HTTP protocol is not currently supported.

<https://itexamsquiz.com> | ACE YOUR EXAM

Question: 4

ITExamsQuiz

You configure multi-region writes for account1.

You need to ensure that App1 supports the new configuration for account1. The solution must meet the business requirements and the product catalog requirements.

What should you do?

- A. Set the default consistency level of account1 to bounded staleness.
- B. Create a private endpoint connection.
- C. Modify the connection policy of App1.
- D. Increase the number of request units per second (RU/s) allocated to the con-product and con-productVendor containers.

✓ Answer: D

Explanation:

App1 queries the con-product and con-productVendor containers.

Note: Request unit is a performance currency abstracting the system resources such as CPU, IOPS, and memory that are required to perform the database operations supported by Azure Cosmos DB.

Scenario:

Develop an app named App1 that will run from all locations and query the data in account1. Once multi-region writes are configured, maximize the performance of App1 queries against the data in account1.

Whenever there are multiple solutions for a requirement, select the solution that provides the best performance, as long as there are no additional costs associated.

<https://itexamsquiz.com> | ACE YOUR EXAM

Question: 5

ITExamsQuiz

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 leaseCollectionName
- 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.

Thank you for trying the DP-420 Exam Dumps PDF Demo

Practice smarter with our updated DP-420 PDF Questions

If you want to buy our premium Practice Questions, please follow the link below and get started now!

<https://itexamsquiz.com/product/dp-420-practice-tests/>