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MICROSOFT DP-420 STUDY GUIDE PDF

Grab the Microsoft Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Certification PDF Questions & Answers

Details of the Exam-Syllabus-Questions

DP-420
Microsoft Certified - Azure Cosmos DB Developer Specialty
40-60 Questions Exam – 700/1000 Cut Score – Duration of 120 minutes

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Get an Overview of the DP-420 Certification:

Who should take the **DP-420 exam**? This is the first question that comes to a candidate's mind when preparing for the Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB certification. The DP-420 certification is suitable for candidates who are keen to earn knowledge on the Microsoft Azure and grab their Microsoft Certified - Azure Cosmos DB Developer Specialty certification. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But DP-420 study guide PDF is here to solve the problem. DP-420 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Microsoft DP-420 Certification?

There are several reasons why one should grab the DP-420 certification.

- The Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential employers.
- Thus earning the **Microsoft Certified - Azure Cosmos DB Developer Specialty** is a powerful qualification for a prosperous career.

Microsoft Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Certification Practice Exam

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What is the Microsoft DP-420 Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Certification Exam Structure?

Exam Name	Microsoft Certified - Azure Cosmos DB Developer Specialty
Exam Code	DP-420
Exam Price	$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Books / Training	**Course DP-420T00: Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB**
Schedule Exam	**Pearson VUE**
Sample Questions	**Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Sample Questions**
Practice Exam	**Microsoft DP-420 Certification Practice Exam**

Enhance Knowledge with DP-420 Sample Questions:

Question: 1

You have an Azure Cosmos DB Core (SQL) API account. You run the following query against a container in the account.

SELECT -

IS_NUMBER("1234") AS A,
IS_NUMBER(1234) AS B,
IS_NUMBER({prop: 1234}) AS C -

What is the output of the query?

a) [{"A": false, "B": true, "C": false}]
b) [{"A": true, "B": false, "C": true}]
c) [{"A": true, "B": true, "C": false}]
d) [{"A": true, "B": true, "C": true}]

Answer: a

Question: 2

You have the following query.

SELECT * FROM ○

WHERE c.sensor = "TEMP1"

AND c.value < 22 -

AND c.timestamp >= 1619146031231

You need to recommend a composite index strategy that will minimize the request units (RUs) consumed by the query. What should you recommend?

a) a composite index for (sensor ASC, value ASC) and a composite index for (sensor ASC, timestamp ASC)
b) a composite index for (sensor ASC, value ASC, timestamp ASC) and a composite index for (sensor DESC, value DESC, timestamp DESC)
c) a composite index for (value ASC, sensor ASC) and a composite index for (timestamp ASC, sensor ASC)
d) a composite index for (sensor ASC, value ASC, timestamp ASC)

Answer: a

Question: 3

You have a container named container1 in an Azure Cosmos DB Core (SQL) API account. Upserts of items in container1 occur every three seconds.

You have an Azure Functions app named function1 that is supposed to run whenever items are inserted or replaced in container1. You discover that function1 runs, but not on every upsert. You need to ensure that function1 processes each upsert within one second of the upsert.

Which property should you change in the Function.json file of function1?

a) checkpointInterval
b) leaseCollectionsThroughput
c) maxItemsPerInvocation
d) feedPollDelay

Answer: d

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Question: 4

You have an Azure Cosmos DB Core (SQL) API account that uses a custom conflict resolution policy. The account has a registered merge procedure that throws a runtime exception. The runtime exception prevents conflicts from being resolved.

You need to use an Azure function to resolve the conflicts. What should you use?

a) a function that pulls items from the conflicts feed and is triggered by a timer trigger
b) a function that receives items pushed from the change feed and is triggered by an Azure Cosmos DB trigger
c) a function that pulls items from the change feed and is triggered by a timer trigger
d) a function that receives items pushed from the conflicts feed and is triggered by an Azure Cosmos DB trigger

Answer: d

Question: 5

Reference Scenario: click here

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 device ID
c) the temperature
d) the humidity

Answer: b

Question: 6

You have a database in an Azure Cosmos DB Core (SQL) API account. The database is backed up every two hours. You need to implement a solution that supports point-in-time restore.
What should you do first?

a) Configure the Backup & Restore settings for the account.
b) Create a new account that has a periodic backup policy.
c) Enable Continuous Backup for the account.
d) Configure the Point In Time Restore settings for the account.

Answer: c

Question: 7

You need to implement a trigger in Azure Cosmos DB Core (SQL) API that will run before an item is inserted into a container. Which two actions should you perform to ensure that the trigger runs?
Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

a) Append pre to the name of the JavaScript function trigger.
b) For each create request, set the access condition in RequestOptions.
c) For each create request, set the trigger name in RequestOptions.
d) For each create request, set the consistency level to session in RequestOptions.
e) Register the trigger as a pre-trigger.

Answer: e

Question: 8

Reference Scenario: click here

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?

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

Answer: c

Question: 9

You are implementing an Azure Data Factory data flow that will use an Azure Cosmos DB (SQL API) sink to write a dataset.
The data flow will use 2,000 Apache Spark partitions. You need to ensure that the ingestion from each Spark partition is balanced to optimize throughput.
Which sink setting should you configure?

a) Throughput
b) Write throughput budget
c) Batch size
d) Collection action

Answer: c

Question: 10

You have an application named App1 that reads the data in an Azure Cosmos DB Core (SQL) API account. App1 runs the same read queries every minute. The default consistency level for the account is set to eventual. You discover that every query consumes request units (RUs) instead of using the cache.

You verify the IntegratedCacheiteItemHitRate metric and the IntegratedCacheQueryHitRate metric. Both metrics have values of 0. You verify that the dedicated gateway cluster is provisioned and used in the connection string.

You need to ensure that App1 uses the Azure Cosmos DB integrated cache. What should you configure?

    a)   the indexing policy of the Azure Cosmos DB container
    b)   the connectivity mode of the App1 CosmosClient
    c)   the consistency level of the requests from App1
    d)   the default consistency level of the Azure Cosmos DB account

Answer: b

What Study Guide Works Best in Acing the Microsoft DP-420 Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB Certification?

The DP-420 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB exam, getting in full touch of the **syllabus** is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections,

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the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your study schedule must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

If there is related Microsoft training, don't miss out the chance to join. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a **PDF format** or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and utilize the Microsoft DP-420 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, DP-420 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven DP-420 Practice Test for Success!!!

Do you want to pass the DP-420 exam on your first attempt? Stop worrying; EduSum.com is here to provide you the best experience during your Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium **DP-420 practice tests**. Our expert-designed questions help you to improve performance and pass the exam on your first attempt.