



DP-420^{Q&As}

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

Pass Microsoft DP-420 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.lead4pass.com/dp-420.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

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

You need to provide a user named User1 with the ability to insert items into container1 by using role-based access control (RBAC). The solution must use the principle of least privilege.

Which roles should you assign to User1?

- A. CosmosDB Operator only
- B. DocumentDB Account Contributor and Cosmos DB Built-in Data Contributor
- C. DocumentDB Account Contributor only
- D. Cosmos DB Built-in Data Contributor only

Correct Answer: A

Cosmos DB Operator: Can provision Azure Cosmos accounts, databases, and containers. Cannot access any data or use Data Explorer.

Incorrect Answers:

B: DocumentDB Account Contributor can manage Azure Cosmos DB accounts. Azure Cosmos DB is formerly known as DocumentDB.

C: DocumentDB Account Contributor: Can manage Azure Cosmos DB accounts.

Reference: <https://docs.microsoft.com/en-us/azure/cosmos-db/role-based-access-control>

QUESTION 2

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}]

Correct Answer: A

IS_NUMBER returns a Boolean value indicating if the type of the specified expression is a number. "1234" is a string, not a number.

Reference: <https://docs.microsoft.com/en-us/azure/cosmos-db/sql/sql-query-is-number>

QUESTION 3

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. Yes

B. No

Correct Answer: B

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.

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

QUESTION 4

HOTSPOT

You have a database in an Azure Cosmos DB Core (SQL) API account.

You plan to create a container that will store employee data for 5,000 small businesses. Each business will have up to 25 employees. Each employee item will have an emailAddressvalue.

You need to ensure that the emailAddressvalue for each employee within the same company is unique.

To what should you set the partition key and the unique key? To answer, select the appropriate options in the answer area.



NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Partition key

	▼
companyId	
companyId+emailAddress	
emailAddress	
employeeId	

Unique key

	▼
companyId	
emailAddress	
employeeId	

Correct Answer:

Answer Area

Partition key

	▼
companyId	
companyId+emailAddress	
emailAddress	
employeeId	

Unique key

	▼
companyId	
emailAddress	
employeeId	

Box 1: CompanyID After you create a container with a unique key policy, the creation of a new or an update of an existing item resulting in a duplicate within a logical partition is prevented, as specified by the unique key constraint. The partition key combined with the unique key guarantees the uniqueness of an item within the scope of the container.

For example, consider an Azure Cosmos container with Email address as the unique key constraint and CompanyID as



the partition key. When you configure the user's email address with a unique key, each item has a unique email address within a given CompanyID. Two items can't be created with duplicate email addresses and with the same partition key value.

Box 2: emailAddress

Reference: <https://docs.microsoft.com/en-us/azure/cosmos-db/unique-keys>

QUESTION 5

HOTSPOT

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.

Hot Area:

Answer Area

Backup interval

	▼
1 hour	
24 hours	
1 weeks	

Backup retention

	▼
2 days	
1 week	
30 days	

Correct Answer:



Answer Area

Backup interval

	▼
1 hour	
24 hours	
1 weeks	

Backup retention

	▼
2 days	
1 week	
30 days	

QUESTION 6

HOTSPOT

You plan to deploy two Azure Cosmos DB Core (SQL) API accounts that will each contain a single database. The accounts will be configured as shown in the following table.

Name	Description
development	<ul style="list-style-type: none">• Supports the development of new application features• Used intermittently as needed during development
shipments	<ul style="list-style-type: none">• Captures over 100,000 updates per second generated at unpredictable times throughout the business day• Used with Azure Synapse Link for analytics

How should you provision the containers within each account to minimize costs? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

development:

	▼
Serverless capacity mode	
Provisioned throughput capacity mode and manual throughput	
Provisioned throughput capacity mode and autoscale throughput	

shipments:

	▼
Serverless capacity mode	
Provisioned throughput capacity mode and manual throughput	
Provisioned throughput capacity mode and autoscale throughput	

Correct Answer:

Answer Area

development:

	▼
Serverless capacity mode	
Provisioned throughput capacity mode and manual throughput	
Provisioned throughput capacity mode and autoscale throughput	

shipments:

	▼
Serverless capacity mode	
Provisioned throughput capacity mode and manual throughput	
Provisioned throughput capacity mode and autoscale throughput	

Box 1: Serverless capacity mode Azure Cosmos DB serverless best fits scenarios where you expect intermittent and unpredictable traffic with long idle times. Because provisioning capacity in such situations isn't required and may be cost-prohibitive, Azure Cosmos DB serverless should be considered in the following use-cases:

1.

Getting started with Azure Cosmos DB

2.

Running applications with bursty, intermittent traffic that is hard to forecast, or low (



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

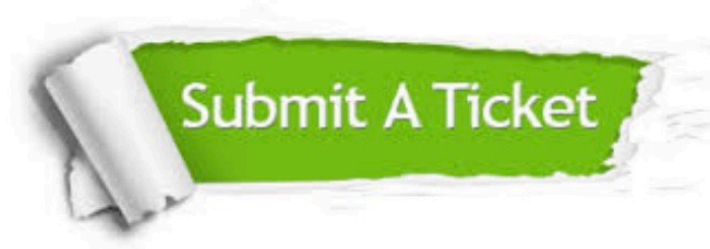
We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:


<https://www.lead4pass.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.

Copyright © lead4pass, All Rights Reserved.