Pass2Lead
https://Pass2Lead.com

DP-420^{Q&As}

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.pass2lead.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 database named db1 in an Azure Cosmos DB Core (SQL) API account.

You have a third-party application that is exposed through a REST API.

You need to migrate data from the application to a container in db1 on a weekly basis.

What should you use?

A. Database Migration Assistant

B. Azure Data Factory

C. Azure Migrate

Correct Answer: B

You can use Copy Activity in Azure Data Factory to copy data from and to Azure Cosmos DB (SQL API).

The Azure Cosmos DB (SQL API) connector is supported for the following activities:

Copy activity with supported source/sink matrix

Mapping data flow

Lookup activity

Incorrect:

Not A: Azure Migrate provides a centralized hub to assess and migrate on-premises servers, infrastructure, applications, and data to Azure. It assesses on- premises databases and migrate them to Azure SQL Database or to SQL Managed

Instance.

Not C: Data Migration Assistant (DMA) enables you to upgrade to a modern data platform by detecting compatibility issues that can impact database functionality on your new version of SQL Server. It recommends performance and reliability

improvements for your target environment.

Reference:

https://docs.microsoft.com/en-us/azure/data-factory/connector-azure-cosmos-db

---

QUESTION 2

You have an Azure Cosmos DB for NoSQL account configured for global distribution across four regions.

At connection time, the SQL SDK needs to identify the optimal endpoint for reading and writing.

Which two factors can influence the SDK? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. the consistency level in RequestOptions

B. regional latency

C. the default consistency level

D. the PreferredLocations configuration

E. a region being available

Correct Answer: DE

Explanation:

Connecting to a preferred region using the API for NoSQL

The SDKs accept an optional parameter PreferredLocations that is an ordered list of Azure regions.

The SDK will automatically send all writes to the current write region. All reads will be sent to the first available region in the preferred locations list. If the request fails, the client will fail down the list to the next region.

The SDK will only attempt to read from the regions specified in preferred locations. So, for example, if the Azure Cosmos DB account is available in four regions, but the client only specifies two read(non-write) regions within the

PreferredLocations, then no reads will be served out of the read region that is not specified in PreferredLocations. If the read regions specified in the PreferredLocations list are not available, reads will be served out of write region.

Reference: https://learn.microsoft.com/en-us/azure/cosmos-db/nosql/tutorial-global-distribution

---

QUESTION 3

HOTSPOT

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

The following is a sample of a document in container1.

```
{
 "studentId": "631282",
"firstName": "James",
"lastName": "Smith",
"enrollmentYear": 1990,
"isActivelyEnrolled": true,
"address": {
"street": "",
```

"city": "",

"stateProvince": "",

"postal": "",

}

}

The container1 container has the following indexing policy.

 {

 "indexingMode": "consistent",

"includePaths": [

{

 "path": "/*"

},

{

 "path": "/address/city/?"

}

],

"excludePaths": [

{

 "path": "/address/*"

},

{

 "path": "/firstName/?"

}

]

}

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The /isActivelyEnrolled property is included in the index	○	○
The /fisrtname property is included in the index	○	○
The /address/city property is included in the index	○	○

Correct Answer:

Answer Area

Statements	Yes	No
The /isActivelyEnrolled property is included in the index	●	○
The /fisrtname property is included in the index	○	●
The /address/city property is included in the index	●	○

Box 1: Yes

"path": "/*" is in includePaths.

Include the root path to selectively exclude paths that don\\\'t need to be indexed. This is the recommended approach as it lets Azure Cosmos DB proactively index any new property that may be added to your model.

Box 2: No

"path": "/firstName/?" is in excludePaths.

Box 3: Yes

"path": "/address/city/?" is in includePaths

Reference:

https://docs.microsoft.com/en-us/azure/cosmos-db/index-policy

QUESTION 4

![Pass2Lead](https://Pass2Lead.com)
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 5

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 an Azure Cosmos DB Core (SQL) API account named account 1 that uses autoscale throughput.

You need to run an Azure function when the normalized request units per second for a container in account1 exceeds a specific value.

Solution: You configure the function to have an Azure CosmosDB trigger.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead configure an Azure Monitor alert to trigger the function.

You can set up alerts from the Azure Cosmos DB pane or the Azure Monitor service in the Azure portal.

Reference:

https://docs.microsoft.com/en-us/azure/cosmos-db/create-alerts

DP-420 PDF Dumps   DP-420 VCE Dumps   DP-420 Practice Test