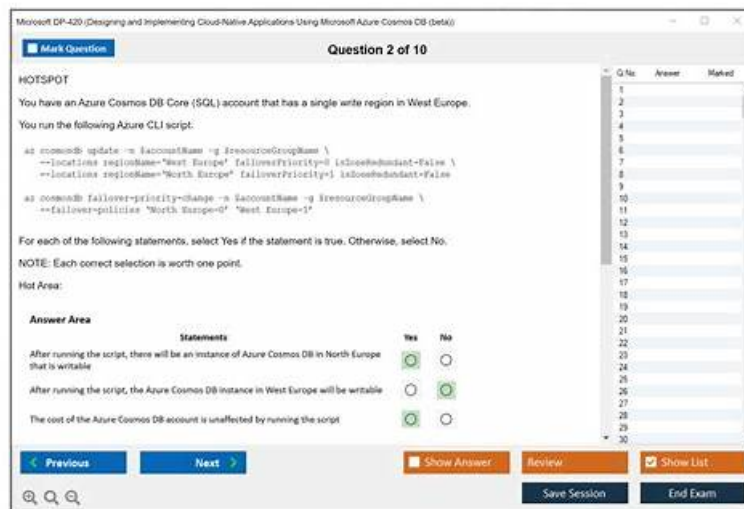


# DP-420 Testengine & DP-420 Trainingsunterlagen



P.S. Kostenlose 2026 Microsoft DP-420 Prüfungsfragen sind auf Google Drive freigegeben von ZertSoft verfügbar:  
<https://drive.google.com/open?id=1PO-2AYOpWoX61eZeiKU36XPeiminPXQv>

Man soll stets Maßnahmen für Erfolg, sondern keine Ausreden für Misserfolg finden. Die Schulungsunterlagen zur Microsoft DP-420 Zertifizierungsprüfung von ZertSoft enthalten Testaufgaben und Antworten, die von unseren erfahrenen IT-Experten durch ihre ständige Praxis und Erforschung entworfen sind. Sie verfügen über hohe Genauigkeit und große Reichweite. Sie werden Ihr bester Helfer sein, während Sie die Microsoft DP-420 Zertifizierungsprüfung vorbereiten.

Die DP-420 Prüfung richtet sich an Lösungsarchitekten, Entwickler und Datenbankadministratoren, die Erfahrung in der Arbeit mit Azure Cosmos DB haben und ihre Fähigkeiten im Design und der Implementierung von cloud-nativen Anwendungen mit dieser Technologie zeigen möchten. Diese Zertifizierungsprüfung testet die Fähigkeit des Kandidaten, Container, Partitionen und Indizes in Azure Cosmos DB zu designen und zu implementieren, um Leistung, Skalierbarkeit und Kosten zu optimieren.

Die DP-420-Zertifizierungsprüfung von Microsoft richtet sich an Fachleute, die an der Gestaltung und Implementierung von Cloud-nativen Anwendungen mithilfe der Azure Cosmos DB-Plattform interessiert sind. Diese Prüfung ist ideal für Entwickler, Architekten und Ingenieure, die ihre Fähigkeiten und ihr Wissen in der Entwicklung von Cloud-nativen Anwendungen validieren möchten.

Azure Cosmos DB ist ein global verteilter, mehrmodellfähiger Datenbankdienst, der für geschäftskritische Anwendungen konzipiert ist. Er bietet hohe Verfügbarkeit, geringe Latenz und nahtlose Skalierbarkeit und ist somit eine ideale Wahl für cloud-native Anwendungen. Die DP-420 Zertifizierungsprüfung umfasst Themen wie das Entwerfen und Implementieren von Containern, das Entwerfen und Implementieren von Partitionierungsstrategien und das Optimieren der Leistung von Azure Cosmos DB.

>> DP-420 Testengine <<

## DP-420 Trainingsunterlagen, DP-420 Prüfungsaufgaben

Um jeder Microsoft DP-420 Prüfungsunterlagen Benutzer einen bequemen Prozess zu haben, bieten wir Ihnen 3 Versionen von Microsoft DP-420 Prüfungsunterlagen, nämlich PDF-, Online-, und Software-Version. Eine der Versionen kann für Sie taugen und Ihnen helfen, innerhalb der kürzesten Zeit Microsoft DP-420 zu bestehen und die autoritativste internationale Zertifizierung zu erwerben!

## Microsoft Designing and Implementing Cloud-Native Applications Using Microsoft Azure Cosmos DB DP-420 Prüfungsfragen mit Lösungen (Q80-Q85):

### 80. Frage

You have an Azure Cosmos DB Core (SQL) API account named storage1 that uses provisioned throughput capacity mode. The storage1 account contains the databases shown in the following table.

| Name | Throughput | Max request units per second (RU/s) | Geo-redundancy | Multi-region writes | Number of regions |
|------|------------|-------------------------------------|----------------|---------------------|-------------------|
| db1  | Autoscale  | 5,000                               | Disabled       | Disabled            | 1                 |
| db2  | Autoscale  | 8,000                               | Enabled        | Enabled             | 3                 |

The databases contain the containers shown in the following table.

| Name | Database | Throughput                                   |
|------|----------|----------------------------------------------|
| cn01 | db1      | Container - autoscale maximum RU/s of 10,000 |
| cn02 | db1      | Database                                     |
| cn03 | db1      | Database                                     |
| cn04 | db1      | Database                                     |
| cn05 | db1      | Database                                     |
| cn11 | db2      | Database                                     |
| cn12 | db2      | Database                                     |
| cn13 | db2      | Database                                     |
| cn14 | db2      | Database                                     |
| cn15 | db2      | Database                                     |
| cn16 | db2      | Database                                     |
| cn17 | db2      | Database                                     |
| cn18 | db2      | Database                                     |

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

NOTE: Each correct selection is worth one point.

| Statements                                                        | Yes                   | No                    |
|-------------------------------------------------------------------|-----------------------|-----------------------|
| At a minimum, you will be billed for 4,000 RU/s per hour for db1  | <input type="radio"/> | <input type="radio"/> |
| The maximum throughput that can be consumed by cn11 is 400 RU/s   | <input type="radio"/> | <input type="radio"/> |
| To db2, you can add a new container that uses database throughput | <input type="radio"/> | <input type="radio"/> |

Antwort:

Begründung:

| Statements                                                        | Yes                              | No                               |
|-------------------------------------------------------------------|----------------------------------|----------------------------------|
| At a minimum, you will be billed for 4,000 RU/s per hour for db1  | <input type="radio"/>            | <input checked="" type="radio"/> |
| The maximum throughput that can be consumed by cn11 is 400 RU/s   | <input type="radio"/>            | <input checked="" type="radio"/> |
| To db2, you can add a new container that uses database throughput | <input checked="" type="radio"/> | <input type="radio"/>            |

Reference:

<https://docs.microsoft.com/en-us/azure/cosmos-db/plan-manage-costs>

<https://azure.microsoft.com/en-us/pricing/details/cosmos-db/>

### 81. Frage

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 emailAddress value.

You need to ensure that the emailAddress value 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.

Partition key

|                        |
|------------------------|
| ▼                      |
| companyId              |
| companyId+emailAddress |
| emailAddress           |
| employeeId             |

Unique key

|              |
|--------------|
| ▼            |
| companyId    |
| emailAddress |
| employeeId   |

Antwort:

Begründung:

Partition key

|                        |
|------------------------|
| ▼                      |
| companyId              |
| companyId+emailAddress |
| emailAddress           |
| employeeId             |

Unique key

|              |
|--------------|
| ▼            |
| companyId    |
| emailAddress |
| employeeId   |

Explanation:

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>

## 82. Frage

You have an Azure subscription that contains a resource group named RG1. RG1 contains an Azure Cosmos DB for NoSQL account named account1.

You plan to audit changes to the control plane of account1.

You need to ensure that audit events include the details of the security principal that performs each control plane change.

How should you complete the az command? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

az cosmosdb sql --name Account1 --resource-group RG1

service  
sql  
update

--analytical-storage-schema-type FullFidelity  
--analytical-storage-schema-type FullFidelity  
--disable-key-based-metadata-write-access true  
--network-acl-bypass None  
--server-version 4.2

Antwort:

Begründung:

**Answer Area**

az cosmosdb sql --name Account1 --resource-group RG1

service  
sql  
update

--analytical-storage-schema-type FullFidelity  
--analytical-storage-schema-type FullFidelity  
--disable-key-based-metadata-write-access true  
--network-acl-bypass None  
--server-version 4.2

## 83. Frage

You need to select the capacity mode and scale configuration for account2 to support the planned changes and meet the business requirements. What should you select? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

#### Answer Area

Capacity mode:   
Provisioned throughput  
Serverless

Scale configuration:   
Autoscale throughput on con-iot1 and con-iot2  
Autoscale throughput on iotdb and throughput sharing across the containers  
Manual throughput on con-iot1 and con-iot2

Antwort:

Begründung:

Answer Area

Capacity mode:   
Provisioned throughput  
Serverless

Scale configuration:   
Autoscale throughput on con-iot1 and con-iot2  
Autoscale throughput on iotdb and throughput sharing across the containers  
Manual throughput on con-iot1 and con-iot2

Explanation:

Answer Area

Capacity mode:   
Provisioned throughput  
Serverless

Scale configuration:   
Autoscale throughput on con-iot1 and con-iot2  
Autoscale throughput on iotdb and throughput sharing across the containers  
Manual throughput on con-iot1 and con-iot2

#### 84. Frage

You have a container named container1 in an Azure Cosmos DB Core (SQL) API account. The container1 container has 120 GB of data.

The following is a sample of a document in container1.

```
{
  "customerId" : "5425",
  "orderId" : "9d7816e6-f401-42ba-ad05-0e03de35c0b8",
  "orderDate" : "2019-05-03",
  "orderDetails" : []
}
```

The orderId property is used as the partition key.

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

NOTE: Each correct selection is worth one point.

| Statements                                                                                                                                                                                          | Yes                   | No                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03"</pre>                                                        | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.customerId = "5425"</pre>                                                             | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03" and c.orderId = "9d7816e6-f401-42ba-ad05-0e03de35c0b8"</pre> | <input type="radio"/> | <input type="radio"/> |

Antwort:

Begründung:

| Statements                                                                                                                                                                                          | Yes                   | No                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03"</pre>                                                        | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.customerId = "5425"</pre>                                                             | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03" and c.orderId = "9d7816e6-f401-42ba-ad05-0e03de35c0b8"</pre> | <input type="radio"/> | <input type="radio"/> |

Explanation:

| Statements                                                                                                                                                                                          | Yes                   | No                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03"</pre>                                                        | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.customerId = "5425"</pre>                                                             | <input type="radio"/> | <input type="radio"/> |
| If you run the following query, the query will run as a cross-partition query<br><pre>SELECT * FROM c where c.orderDate = "2019-05-03" and c.orderId = "9d7816e6-f401-42ba-ad05-0e03de35c0b8"</pre> | <input type="radio"/> | <input type="radio"/> |

Box 1: Yes

Records with different OrderIDs will match.

Box 2: Yes

Only records with one specific OrderId will match

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**DP-420 Trainingsunterlagen:** <https://www.zertsoft.com/DP-420-pruefungsfragen.html>

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<https://drive.google.com/open?id=1PO-2AYOpWoX61eZeIKU36XPeiminPXQv>