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Question 1

You have an Azure subscription.

You plan to create an Azure Cosmos DB for NoSQL database named DB1 that will store author and book data for authors that have each published up to ten books. Typical and frequent queries of the data will include:

* All books written by an individual author

* The synopsis of individual books

You need to recommend a data model for DB1. The solution must meet the following requirements:

* Support transactional updates of the author and book data.

* Minimize read operation costs.

What should you recommend?

Options:

A- Create a single container that stores author items and book items, and then items that represent the relationship between the authors and their books.

B- Create three containers, one that stores author items, a second that stores book items, and a third that stores items that represent the

relationship between the authors and their books.

C- Create two containers, one that stores author items and another that stores book items. Embed a list of each author's books in the corresponding author item.

D- Create a single container that stores author items and book items. Embed a list of each author's books in the

Answer:

D

Question 2

You have an Azure Cosmos DB for NoSQL database named db1.

You run the following code:

```
Database database = client.GetDatabase("db1");              he statement is true. Otherwise, select No.

ContainerProperties properties = new ()
{
    Id = "customers"
```

Answer Area

Statements	Yes	No
Items inserted into the customers container without a ttl value will never expire.	○	○

Answer:

All Items inserted into the customers container must include a customerId field.	○	○
Items inserted into the customers container that have a TTL value of 12 will expire in 12 days.	○	○

Question 3

Question Type: Hotspot

You have an Azure subscription that contains an Azure Cosmos DB for NoSQL account named accounts

You configure account! to send resource logs to Log Analytics.

You need to identify any containers in account1 that were deleted during the past 24 hours.

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Answer:

```
CDBControlPlaneRequests               ▼
CDBControlPlaneRequests
CDBDataPlaneRequests
CDBQueryRuntimeStatistics

| where TimeGenerated >= now(-1d)

| where    OperationName        ▼  == "SqlContainersDelete"
           OperationName
           OperationType
           Result
```

Question 4
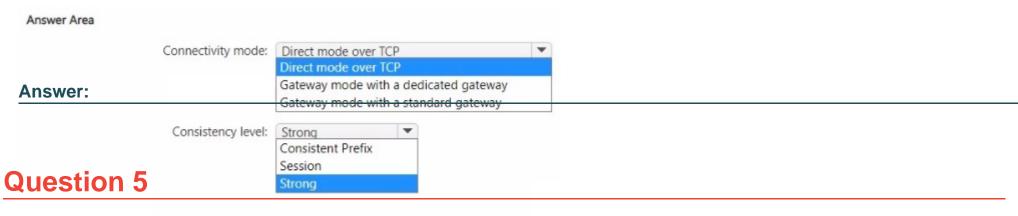
Question Type: Hotspot

You have an Azure Cosmos DB for NoSQL account named accounts1.

You plan to implement the integrated cache for account1.

You need to configure the connectivity mode and the consistency level for requests that target account1. The solution must maximize consistency while using the integrated cache.

What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Connectivity mode: Direct mode over TCP ▼

| Direct mode over TCP |
| Gateway mode with a dedicated gateway |
| Gateway mode with a standard gateway |

Answer:

Consistency level: Strong ▼

| Consistent Prefix |
| Session |
| Strong |

Question 5

You have an Azure subscription that contains an Azure Cosmos DB for NoSQL database named DB1. The shared throughput provisioned for DB1 is 10,000 DTU/s. DB1 contains the containers shown in the following table.

The solution must meet the following requirements:

Name	Provisioned throughput
Container1	Share throughput across containers
Container2	4,000 DTU/s

'00 DTU/s.

* The throughput for Contained must be shared across the containers.

* Administrative effort must be minimized.

What should you do? To answer, select the appropriate options in the answer are

a. NOTE: Each correct selection is worth one point.

Answer Area

For Container1: | Modify the settings of Container1. ▼ |

Answer:

| Migrate the data in Container1 to a new container. |
| **Modify the settings of Container1.** |
| ~~Modify the settings of Container2.~~ |
| Modify the settings of DB1. |

Question 6

For Container2: | Modify the settings of DB1. ▼ |

| Migrate the data in Container2 to a new container. |
| ~~Modify the settings of Container1.~~ |
| Modify the settings of Container2. |
| **Modify the settings of DB1.** |

You have an on-premises network.

You have an Azure subscription that contains an Azure Cosmos DB account named account1 and an Azure virtual network named VNet1. VNet1 contains two virtual machines named VM1 and VM2. VNet1 is connected to the on-premises network by using a Site-to-Site (S2S) VPN.

You need to meet the following requirements:

* Block access to the public endpoint of account1.

* Allow only VM1 to access account1.

What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

To provide network connectivity to account1, use a: | Private endpoint ▼ |
                                                        | Dedicated gateway |
Answer: | **Private endpoint** |
                                                        | Service endpoint |

To allow only VM1 to access account1, use: | Network security group (NSG) inbound rules ▼ |
                                             | an application security group |
Question 7 | **Network security group (NSG) inbound rules** |
                                             | Network security group (NSG) outbound rules |
Question Type: MultipleChoice

You have a container in an Azure Cosmos DB for NoSQL account.

You need to create an alert based on a custom Log Analytics query.

Which signal type should you use?

Options:

A- Metrics

B- Log

C- Activity Log

D- Resource Health

Answer:

B

Question 8

Question Type: **MultipleChoice**

You provision an Azure Cosmos DB for NoSQL container. You set the throughput to Autoscale, and the maximum request units per second {RU/s) to 20,000.

For how many RU/s will you be charged when the actual RU/s usage is zero?

Options:

A- 0

B- 200

C- 2,000

D- 4,000

E- 10,000

Answer:

C