

## Module 14 Implement NoSQL Databases

### Review Question

#### Review Question 1

A company you are advising wants to create the following Azure Cosmos DB databases for their dev team.

OEM\_Cosmos\_Database\_A:

OEM\_Cosmos\_Database\_B:

OEM\_Cosmos\_Database\_C:

OEM\_Cosmos\_Database\_D:

As a part of the solution, they want to reduce costs. You advise they create the Azure Cosmos DBs with two of the following recommendations:

- A. Create three Azure Cosmos DB accounts, one for DBs that use MongoDB API, one for OEM\_Cosmos\_Database\_A, and one for OEM\_Cosmos\_Database\_C.
- B. Create a single Azure Cosmos DB that includes the OEM\_Cosmos\_Database\_A, OEM\_Cosmos\_Database\_B, OEM\_Cosmos\_Database\_C, and OEM\_Cosmos\_Database\_D.
- C. Create one Azure Cosmos DB account for each DBs listed above.
- D. Create two Azure Cosmos DB accounts, one for those that use the Core (SQL) API and one for those that use MongoDB API.

**Correct Answer: A and C.**

#### Explanation

Create three Azure Cosmos DB accounts, one for DBs that use MongoDB API, one for OEM\_Cosmos\_Database\_A, and one for OEM\_Cosmos\_Database\_C. And, Create one Azure Cosmos DB account for each of Azure Cosmos DB databases.

#### Review Question 2

The same company also wants to create an app that uses a separate NoSQL DB that will be used to store transactions and supplier information using JSON files. You recommend their developers use which of the two Cosmos DB APIs for the app:

- A. Core (SQL) API
- B. Azure SQL Database REST API
- C. MongoDB API
- D. Cassandra

**Correct Answer: A and C.**

#### Explanation

Both Core (SQL) API and MongoDB API can be used for the NoSQL database.