

# DP-060T00-A: Migrate NoSQL workloads to Azure Cosmos DB

## Course Outline

### Module 1: Building Globally Distributed Applications with Cosmos DB

This module describes the benefits and architecture of Cosmos DB.

#### Lessons

- Cosmos DB overview
- Cosmos DB APIs
- Provisioning Throughput
- Partitioning/Sharding Best Practices

#### Lab : Creating a Cosmos DB Database

- Create Cosmos DB Account
- Configure RUs

At the end of this module, the students will be able to describe:

- Cosmos DB overview
- Cosmos DB APIs
- Provisioning Throughput
- Partitioning/Sharding Best Practices

### Module 2: Migrate MongoDB Workloads to Cosmos DB

Migrate MongoDB Workloads to Cosmos DB

#### Lessons

- Understand Migration Benefits
- Migration Planning
- Data Migration
- Application Migration
- Post-migration considerations

#### Lab : Migrating MongoDB Workloads to Cosmos DB

- Create a Migration Project
- Define Source and Target
- Perform Migration
- Verify Migration

At the end of this module, the students will be able to:

- Understand Migration Benefits
- Perform Migration Planning
- Perform Data Migration
- Perform Application Migration
- Undertake Post-migration considerations

### **Module 3: Migrate Cassandra DB Workloads to Cosmos DB**

This module describes the benefits and process of migrating Cassandra DB workloads to Cosmos DB.

#### **Lessons**

- Understand Migration Benefits
- Migration Planning
- Data Migration
- Application Migration
- Post-migration considerations

#### **Lab : Migrating Cassandra DB Workloads to Cosmos DB**

- Export the Schema
- Move Data Using CQLSH COPY
- Move Data Using Spark
- Verify Migration

At the end of this module, the students will be able to:

- Understand Migration Benefits
- Perform Migration Planning
- Perform Data Migration
- Perform Application Migration
- Undertake Post-migration considerations

#### **Additional Reading**

There is no additional reading required to take this course.