Course duration

- 1 day

Course Benefits

- Building Globally Distributed Applications with Cosmos DB
- Migrate MongoDB Workloads to Cosmos DB
- Migrate Cassandra DB Workloads to Cosmos DB

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Building Globally Distributed Applications with Cosmos DB
    1. Cosmos DB overview
    2. Cosmos DB APIs
    3. Provisioning Throughput
    4. Partitioning/Sharing Best Practices
2. Migrate MongoDB Workloads to Cosmos DB
    1. Understand Migration Benefits
    2. Migration Planning
    3. Data Migration
    4. Application Migration
    5. Post-migration considerations
    6. Lab: Migrating MongoDB Workloads to Cosmos DB
        1. Create a Migration Project
        2. Define Source and Target
        3. Perform Migration
        4. Verify Migration
3. Migrate Cassandra DB Workloads to Cosmos DB
    1. Understand Migration Benefits
    2. Migration Planning
    3. Data Migration
    4. Application Migration
    5. Post-migration considerations
    6. Lab: Migrating Cassandra DB Workloads to Cosmos DB

1. Export the Schema
2. Move Data Using CQLSH COPY
3. Move Data Using Spark
4. Verify Migration

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Azure class:

- Fundamental concepts of partitioning, replication, and resource governance for building and configuring scalable NoSQL applications that are agnostic of a Cosmos DB API.