

## MS 20777 - Implementing Microsoft Azure Cosmos DB Solutions

<b>Czas trwania:</b>	Czas trwania: 3 dni / 24 godz.
<b>Cena rynkowa:</b>	2 700,00 zł
<b>Cena promocyjna:</b>	2 565,00 zł
<b>Szkolenie autoryzowane:</b>	Tak

### Microsoft Partner

Gold Learning  
Silver Application Development  
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### Informacje o szkoleniu

This three-day instructor-led course is aimed at database professionals who are looking to implement a Cosmos DB solution.

After completing this course, students will be able to:

Describe the purpose and architecture of Azure Cosmos DB.

Describe how to design documents and collections to meet business requirements, and how to use the SQL API to build applications that use these documents.

Describe how to create user-defined functions, stored procedures, and triggers.

Describe how to tune a database, and how to monitor performance.

Describe how to create efficient Graph database models using Cosmos DB.

Describe how to use Azure Search, HDInsight, Azure Databricks, and Power BI with Cosmos DB to query and analyze big data.

Describe how to use Cosmos DB as a source and sink for streaming data.

### Audience profile

The primary audience for this course is database developers and architects (IT professionals, developers, and information workers) who plan to implement big data solutions on Azure using Cosmos DB.

### Prerequisites

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

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

A basic working knowledge of the Cosmos DB SQL API.

### Wymagania wstępne

Brak

### Zagadnienia poruszane podczas szkolenia



## Course Outline

- ▣ Module 1: Introduction to Azure Cosmos DB
- ▣ Module 2: Designing and Implementing SQL API Database Applications
- ▣ Module 3: Implementing Server Side Operations
- ▣ Module 4: Optimizing and monitoring performance
- ▣ Module 5: Designing and Implementing a Graph Database
- ▣ Module 6: Querying and Analyzing Big Data with Cosmos DB
- ▣ Module 7: Implementing Stream Processing with Cosmos DB
- ▣ After completing this module, students will be able to: Describe the Cosmos DB change feed, and how to use it to process data efficiently. Explain how to incorporate Cosmos DB into streaming solutions such as Apache Kafka, Apache Spark, and Azure Stream Analytics.

## Informacje dodatkowe

Brak

## Typy szkolenia

Tradycyjne

Asseco | Zdalna klasa

Asseco | Wirtualna klasa

## Wicej informacji:

Zadzwo 801 30 30 30 lub napisz [szkolenia@assecods.pl](mailto:szkolenia@assecods.pl)