

DP-070T00-A: Migrate Open Source Data Workloads to Azure

OBJECTIVE

This course will enable the students to understand Azure SQL Database, and educate the students on what is required to migrate MySQL and PostgreSQL workloads to Azure SQL Database.

COURSE TOPICS

Module 1: Migrate to Azure SQL DB for MySQL & PostgreSQL

This module describes the benefits and architecture of Azure SQL DB.

Lessons

- OSS databases overview
- Common OSS database workloads
- Customer challenges in migration

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

- OSS databases overview
- Common OSS database workloads
- Customer challenges in migration

Module 2: Migrate on-premises MySQL to Azure SQL DB for MySQL

This module describes the benefits and process of migrating MySQL workloads to Azure SQL DB

Lessons

- Configure and Manage Azure SQL DB for MySQL
- Migrate on-premises MySQL to SQL DB for MySQL
- Application Migration
- Post-migration considerations

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

- Configure and Manage Azure SQL DB for MySQL
- Migrate on-premises MySQL to SQL DB for MySQL
- Application Migration
- Post-migration considerations

Module 3: Migrate on-premises PostgreSQL to Azure SQL DB for PostgreSQL

This module describes the benefits and process of migrating PostgreSQL DB workloads to Azure SQL DB

Lessons

- Configure and Manage Azure SQL DB for PostgreSQL
- Migrate on-premises MySQL to SQL DB for PostgreSQL
- Application Migration
- Post-migration considerations

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

- Configure and Manage Azure SQL DB for PostgreSQL
- Migrate on-premises MySQL to SQL DB for PostgreSQL
- Application Migration
- Post-migration considerations

PREREQUISITES

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

- Some knowledge of open source relational database management systems such as Postgres and/or MySQL, SQL administration, backup and recovery techniques i.e. dumping table data

TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

COURSE DURATION

8 Hours (in 1 day)

Time: 9:00am to 6:00pm

Lunch Time: 1:00pm to 2:00pm

CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course.