

DP-070: Migrate Open-Source Data Workloads to Azure Training

Duration: 1 Day

Course Content:

This training qualifies the individual to learn Azure SQL Database and train them on migrating MySQL and PostgreSQL workloads to SQL Database.

This course is based on the objectives of the course version DP-070T00-A.

Prerequisites for this training

Required

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

Who should attend this course?

The primary audience for this course is database developers who plan to migrate their MySQL or Postgres DB workloads to Azure SQL DB. The secondary audience for this course is MySQL/Postgres administrators to raise awareness of the features and benefits of Azure SQL DB.

What you will learn

- Migrate on-premises MySQL to Azure SQL DB for MySQL
- Migrate on-premises PostgreSQL to Azure SQL DB for PostgreSQL

Curriculum

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

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

Lesson

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

Lab: Creating source OSS databases

- Installation of Postgres migration DB server
- Installation of MySQL migration DB server
- Backups / data dumps from Postgres / MySQL
- Restore from data dumps

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

Lesson

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

Lab: Migrating MySQL DB Workloads to Azure SQL DB

- Migrating MySQL DB Workloads to Azure SQL DB
- Define Source and Target DBs
- Perform Migration
- Verify Migration

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

Lesson

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

Lab: Migrating PostgreSQL DB Workloads to Azure SQL DB

- Configure Azure SQL DB for PostgreSQL
- Define Source and Target DBs
- Perform Migration
- Verify Migration

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

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