



40562: Migrating SQL Databases to Azure®

Duration: 1 Day

Method: Instructor-Led Training (ILT) | Live Online Training

Course Description

In this course, participants will work as a group to set up and configure a serverless architecture within Azure using a combination of Azure Functions, Logic Apps, Event Grid, Cosmos DB, and Azure Storage. The focus is on removing server management from the equation, breaking down the solution into smaller components that are individually scalable, and allowing the customer to only pay for what they use.

Target Audience

This course is intended for:

- Cloud Architects
- IT professionals who want to learn more about Azure and Azure services.

Prerequisites

To attend this course, candidates must want to cross-train on Azure and have:

- Architectural expertise of infrastructure and solutions design in cloud technologies.
- Experience in other non-Microsoft cloud technologies.

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Design a cloud migration solution for business-critical applications and databases.
- Configure a serverless architecture.
- Integrate app service with a virtual network.
- Improve database security posture with advanced data security.



Course Topics

Module 1: Whiteboard Design Session

- Review the Customer Case Study
- Design a Proof-of-Concept Solution
- Present the Solution

Hands-On Lab: Migrate SQL Databases to Azure

- Perform Database Assessments
- Migrate the Database to SQL MI
- Update the Web Application to Use the New SQL MI Database
- Integrate App Service with The Virtual Network
- Improve Database Security Posture with Advanced Data Security
- Enable Dynamic Data Masking
- Use Online Secondary for Read-Only Queries

