

Course duration

- 2 days

Course Benefits

- Learn to install and Configure SQL Server and all its components using PowerShell.
- Learn to manage day-to-day SQL Server Administration with PowerShell.
- Learn to maintain the SQL Server environment using PowerShell scripting and programming options.

Course Outline

1. Install and Configure SQL Server with PowerShell
 1. Module Objectives
 2. Install SQL Server
 3. Configure Database Settings
 4. Configure SQL Server Settings
 5. Configure SQL Server Policy-Based Management
 6. Review
 7. Lab: Configuring SQL Server with PowerShell
2. Administering SQL Servers with PowerShell
 1. Module Objectives
 2. Managing Users and Roles
 3. Managing Database Performance
 4. Managing Database Availability
 5. Managing SQL Server Features
 6. Review
 7. Lab: Administering SQL Servers with PowerShell
3. Maintaining SQL Server with PowerShell
 1. Module Objectives
 2. Managing Backups and Restores
 3. Maintaining Database Integrity and Performance
 4. Monitoring and Auditing
 5. Task Automation
 6. Generating Reports
 7. Review
 8. Lab: Maintaining SQL Servers with PowerShell

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 SQL Server class:

- Experience working on Windows desktops or servers.
- Experience working in a Windows domain environment.
- Experience Administering SQL Server Servers.
- Fundamental experience with PowerShell or Course 10961B Automating Administration with Windows PowerShell.

Prerequisite Courses

Courses that can help you meet these prerequisites:

- [MOC 10961B - Automating Administration with Windows PowerShell](#)