PowerShell for SQL Server Administrators

Description

This course provides you with the knowledge and skills needed to use PowerShell and SMO components for SQL Server administration on SQL Server 2016, 2014 or 2012. You will learn how to manage day-to-day and scheduled maintenance tasks. The main focus will be administration of the database engine, but optional material & exercises on Analysis Services (SSAS) and Integration Services (SSIS) are also included.

Classroom Registration Price (CHF)
1800
Virtual Classroom Registration Price (CHF)
1700
Course Content
Module 01: Install and Configure SQL Server with PowerShell

- Install SQL Server
- Configure Database Settings
- Configure SQL Server Settings
- Configure SQL Server Policy-Based Management

Module 02: Administering SQL Servers with PowerShell

- Managing Users and Roles
- Managing Database Performance
- Managing Database Availability
- Managing SQL Server Features

Module 03: Maintaining SQL Server with PowerShell

- Managing Backups and Restores
- Maintaining Database Integrity and Performance
- Monitoring and Auditing
- Task Automation
- Generating Reports

Lab / Exercises

- Online Labs

Documentation

- Digital courseware included

Participant profiles

- SQL Server administrators who work in a Windows network environment

Prerequisites

- Experience working on Windows desktops or servers

- Experience working in a Windows domain environment
- Experience Administering SQL Server Servers
- Fundamental experience with PowerShell

Objectives

- Install and Configure SQL Server and all its components using PowerShell
- Manage day-to-day SQL Server Administration with PowerShell
- Maintain the SQL Server environment using PowerShell scripting and programming options

Niveau
Intermédiaire
Duration (in Days)
2
Reference
55069AC