

Course MS55066A

## PowerShell for SharePoint Administrators

**Length:** 1 Days

### About this Course

This one-day instructor-led course provides students with the knowledge and skills needed to use PowerShell to administer SharePoint Servers. Students will learn how to manage day-to-day and automated tasks carried out by SharePoint Administrators.

### Audience Profile

This course is intended for SharePoint administrators who work in a Windows network environment. At least one year of experience managing SharePoint servers and using PowerShell is recommended.

### At Course Completion

After completing this course, students will be able to:

- Configure SharePoint Servers using PowerShell
- Manage SharePoint Server Administration with PowerShell
- Manage SharePoint Server Maintenance with PowerShell

### Prerequisites

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

### Course Outline

#### Module 1: Install and Configure SharePoint Servers with PowerShell

This module demonstrates how to setup SharePoint Server components with PowerShell.

Lessons

Overview

Preparing the Server

Configure Server Features

Configure Prerequisite Applications

Install SharePoint Software

Configure SharePoint Farm

Review

Lab : Configure SharePoint Servers with PowerShell

Exercise 1: Preparing the Server

Exercise 2: Configure Server Features

Exercise 3: Configure Prerequisite Applications

Exercise 4: Install SharePoint Software

Exercise 5: Configure SharePoint Farm

Exercise 6: Installation and Configuration Review (Optional)

After completing this module, students will be able to:

## Preparing the Server

Configure Server Features

Configure Prerequisite Applications

Install SharePoint Software

Configure SharePoint Farm

## Module 2: Administering SharePoint Servers with PowerShell

This module explains how to use PowerShell to administer User and Farm resources in SharePoint.

### Lessons

Overview

Administering Users and Groups

Administering the Farm

Administering Shared Services & Features

Administering Sites

Administering Databases

Review

Lab : Administering SharePoint Servers with PowerShell

Exercise 1: Administering Users and Groups

Exercise 2: Administering the Farm

Exercise 3: Administering Shared Services & Features

Exercise 4: Administering Sites

Exercise 5: Administering Databases

Exercise 6: Administration Review (Optional)

After completing this module, students will be able to:

Administering Users and Groups

Administering the Farm

Administering Web Applications

Administering Sites

Administering Databases

## Module 3: Maintaining SharePoint Servers with PowerShell

This module explains how to perform maintenance tasks on SharePoint Servers using PowerShell.

### Lessons

Overview

Managing Backups / Restores

Monitoring and Auditing

Managing Notifications

Scheduling Tasks

Review

Lab : Maintaining SharePoint Servers with PowerShell

Exercise 1: Managing Backups / Restores

Exercise 2: Monitoring and Auditing

Exercise 3: Managing Notifications

Exercise 4: Scheduling Tasks

Exercise 5: Maintenance Review (Optional)

After completing this module, students will be able to:

Managing Backups / Restores

Monitoring and Auditing

Managing Notifications

Scheduling Tasks

Additional Reading

Classroom Training: Course 20331B – Core Solutions of Microsoft SharePoint Server 2013