

# Microsoft - PowerShell for SharePoint Administrators

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| <b>Code:</b>   | 55066                       |
| <b>Length:</b> | 1 days                      |
| <b>URL:</b>    | <a href="#">View Online</a> |

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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. With the included optional labs, the course can also be taught in two-days.

View a tutorial on how PowerShell makes administration tasks easier via the following link:  
<https://softwaretutorialservices.adobeconnect.com/p2j593yf5wu/> The passcode to access the webinar is 55069.

## Skills Gained

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

## Who Can Benefit

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.

## 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 Details

### 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 1: 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 1: 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 1: 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

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