

## MOC 55066 A PowerShell for SharePoint Administrators

### Course Summary

#### Description

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.

#### Objectives

At the end of this course, students will be able to:

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

#### Topics

- Install and Configure SharePoint Servers with PowerShell
- Administering SharePoint Servers with PowerShell
- Maintaining SharePoint Servers with PowerShell

#### Audience

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

#### Duration

One day

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### Course Outline

#### I. Install and Configure SharePoint Servers with PowerShell

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

- A. Overview
- B. Preparing the Server
- C. Configure Server Features
- D. Configure Prerequisite Applications
- E. Install SharePoint Software
- F. Configure SharePoint Farm
- G. 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)

#### II. Administering SharePoint Servers with PowerShell

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

- A. Overview
- B. Administering Users and Groups
- C. Administering the Farm
- D. Administering Shared Services & Features
- E. Administering Sites
- F. Administering Databases
- G. 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)

#### III. Maintaining SharePoint Servers with PowerShell

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

- A. Overview
- B. Managing Backups / Restores
- C. Monitoring and Auditing
- D. Managing Notifications
- E. Scheduling Tasks
- F. 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)