

PowerShell for SharePoint Administrators

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