



## TAN DUC INFORMATION TECHNOLOGY SCHOOL JSC

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## 55066: PowerShell for SharePoint Administrators

**Duration:** 01 day

**Level:** 200

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.

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## 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

## 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

## 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

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

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

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