

Unleash the Power of PowerShell with SharePoint: A Comprehensive Guide for Beginners

PowerShell is a powerful scripting language that can be used to automate and manage SharePoint. It allows you to perform a wide range of tasks, from creating and managing sites and lists to configuring security and workflows. This guide will provide you with a comprehensive overview of PowerShell with SharePoint, including step-by-step exercises and detailed explanations.

Chapter 1: Getting Started with PowerShell

This chapter will introduce you to the basics of PowerShell, including how to install and configure it. You will also learn how to write and run PowerShell scripts.



PowerShell with SharePoint from Scratch: Exercises and Explanations by Peter Kalmström

★★★★★ 5 out of 5

Language : English
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Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 213 pages
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Exercises:

- Install PowerShell on your computer.
- Create a new PowerShell script file.
- Write a PowerShell script to display the current date and time.
- Run your PowerShell script.

Chapter 2: SharePoint Cmdlets

This chapter will introduce you to the SharePoint cmdlets that you can use to manage SharePoint. You will learn how to use these cmdlets to create and manage sites, lists, libraries, and other SharePoint objects.

Exercises:

- Connect to SharePoint using PowerShell.
- Create a new SharePoint site.
- Create a new SharePoint list.
- Add items to a SharePoint list.

Chapter 3: Automating SharePoint Tasks

This chapter will show you how to use PowerShell to automate common SharePoint tasks. You will learn how to write PowerShell scripts to perform tasks such as backing up and restoring SharePoint data, migrating SharePoint content, and creating custom SharePoint solutions.

Exercises:

- Write a PowerShell script to back up a SharePoint site.
- Write a PowerShell script to restore a SharePoint site.

- Write a PowerShell script to migrate SharePoint content.
- Write a PowerShell script to create a custom SharePoint solution.

Chapter 4: Troubleshooting PowerShell with SharePoint

This chapter will provide you with troubleshooting tips for PowerShell with SharePoint. You will learn how to identify and resolve common PowerShell errors.

Exercises:

- Troubleshoot a PowerShell script that is not working.
- Resolve a common PowerShell error.
- Get help from the PowerShell community.

This guide has provided you with a comprehensive overview of PowerShell with SharePoint. You have learned how to use PowerShell to automate and manage SharePoint tasks. By following the exercises in this guide, you can gain the skills and knowledge you need to use PowerShell to its full potential.

Additional Resources

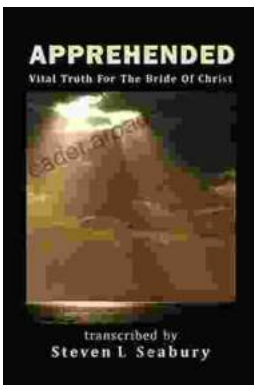
- [PowerShell with SharePoint documentation](#)
- [SharePoint Stack Exchange](#)
- [PowerShell Gallery](#)

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