

Mastering Windows PowerShell Scripting

By Brenton J.W. Blawat

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Master the art of automating and managing your Windows environment using PowerShell

About This Book

- Construct scripts by following proven best practices to automate redundant tasks
- Delve into real-world examples to understand how to simplify the management of your Windows environment
- Get to grips with PowerShell's advanced functions and effectively administer your system

Who This Book Is For

If you are a system administrator who wants to become an expert in controlling and automating your Windows environment, then this book is for you. Prior knowledge of PowerShell's core elements and applications is required for this book.

What You Will Learn

- Utilize variables, hashes, and arrays to store data
- Parse and manipulate different data types
- Optimize code through the use of functions, switches, and looping structures
- Create and implement regular expressions in PowerShell scripts
- Leverage session-based remote management
- Manage files, folders, and registries through the use of PowerShell
- Discover the best practices to manage Microsoft systems

In Detail

PowerShell is quickly becoming the de facto standard for scripting in Microsoft Windows environments. It enables the automation of otherwise complex tasks, providing interactivity between different products.

Beginning with PowerShell fundamentals, this book progresses by imparting the advanced skills required to master automation. You will learn how to deal with data and operations on various data types and structures, and see the techniques of data manipulation and parsing. Moving on, you will learn about the usage of regular expressions and comparison operators. Error handling techniques will enable you to identify and eliminate errors. This book also provides best practices for scripting and techniques to reduce the amount of code required to complete tasks.

By the end of this book, you will be able to create a variety of PowerShell scripts and successfully automate your environment and become the go-to person.

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Editorial Review

From the Author
I am excited to announce the book's dedicated website masteringposh.com for additional PowerShell examples and PowerShell videos! This site contains the "extra's" that we weren't able to include in the book, but are used by Fortune 500 organizations around the world!

About the Author

Brenton J.W. Blawat

Brenton J.W. Blawat is an entrepreneur, strategic technical advisor, author, and senior consultant, who has a passion for the procurement of technology in profit-based organizations. He is business-centric and technology-minded. Brenton has many years of experience in bridging the gap between technical staffand decision-makers in several organizations. He takes pride in his ability to effectively communicate with a diverse audience and provide strategic direction for large and small organizations alike. In 2013, Brenton authored his first book, PowerShell 3.0 WMI Starter, Packt Publishing. This book was designed to be a starter for those interested in manipulating Windows Management Instrumentation through the use of PowerShell 3.0. This book is available in all popular book stores, including Packt Publishing's website, http://bit.ly/18pcpGK. Brenton currently works at CDW as a senior consulting engineer in strategic solutions and services. CDW is a leading multibrand technology solutions provider in the fields of business, government, education, and healthcare. A Fortune 500 company, it was founded in 1984 and employs approximately 7,200 coworkers. In 2014, the company generated net sales of more than $12.0 billion. For more information about CDW, you can visit www.CDW.com.

Users Review

From reader reviews:

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Nancy Fisher:

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