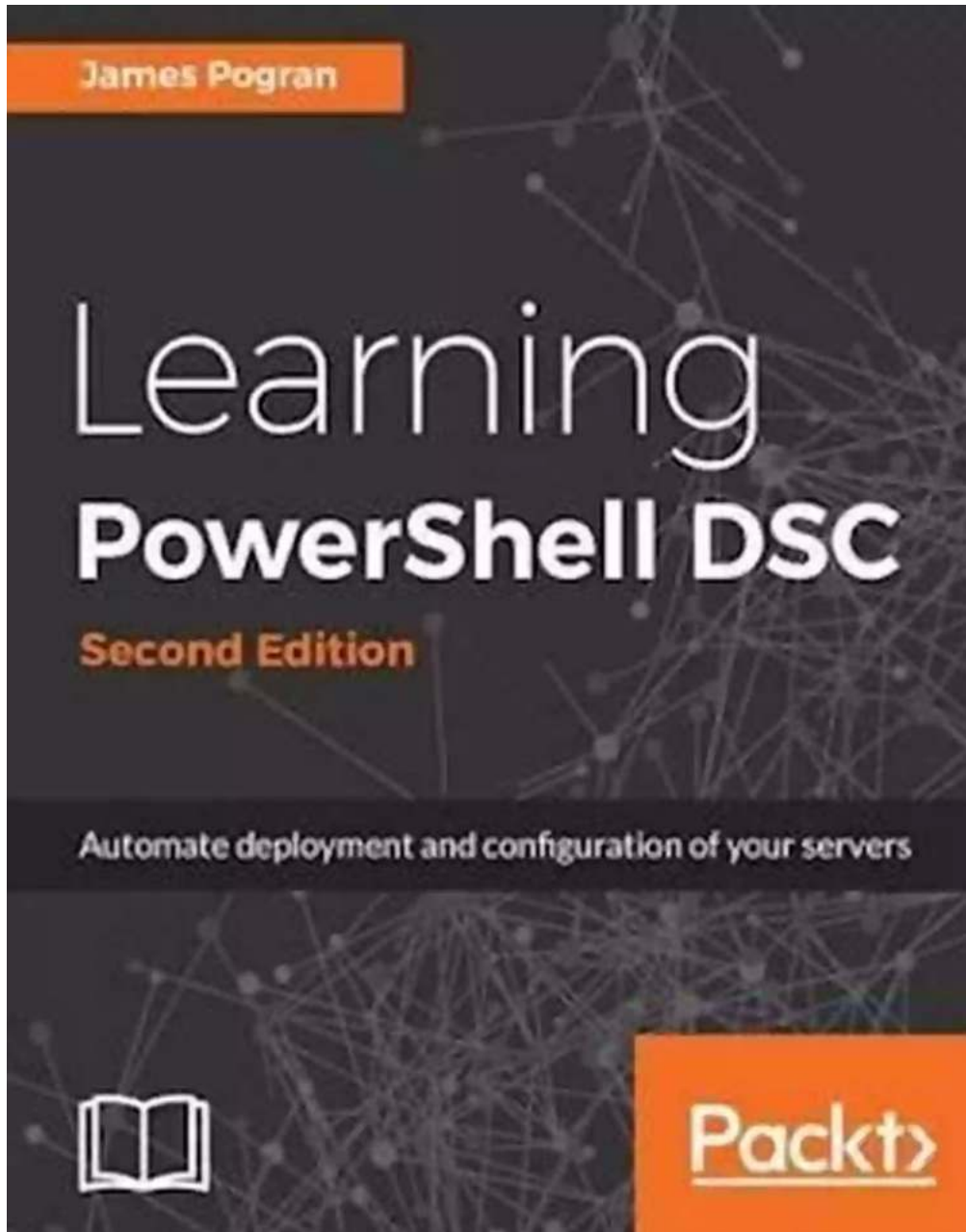# Mastering PowerShell DSC Second Edition - Empower Your Automation Skills
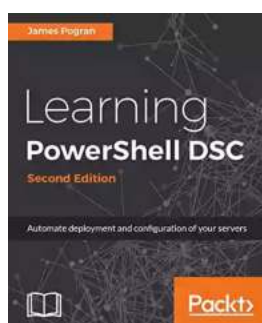

Are you looking to enhance your automation skills and take your PowerShell knowledge to the next level? Look no further, as the second edition of "Mastering PowerShell DSC" is here to empower you with the latest and most

comprehensive techniques in using Desired State Configuration (DSC) within PowerShell.

Unlock the Power of Desired State Configuration (DSC)

Powershell DSC is a powerful configuration management platform that allows you to define and enforce the desired state of your target systems. It provides a way to automate the configuration and maintenance of your infrastructure, ensuring consistency and control across your environment.

Learning PowerShell DSC - Second Edition: Automate deployment and configuration of your servers by Yanatha Desouvre(Kindle Edition)

★★★★☆ 4.7 out of 5

Language	: English
File size	: 2096 KB
Text-to-Speech	: Enabled
Enhanced typesetting	: Enabled
Print length	: 576 pages
Screen Reader	: Supported

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Whether you are a beginner looking to get started with PowerShell DSC or an experienced user seeking advanced techniques, this second edition has got you covered. With practical examples, step-by-step tutorials, and in-depth explanations, "Mastering PowerShell DSC" will help you unravel the full potential of DSC.

What's New in the Second Edition?

This second edition is packed with updated content, reflecting the latest changes and enhancements in PowerShell DSC. It covers new features such as partial

configurations, composite resources, and advanced topics like custom resources development. With the latest edition, you will be equipped with the knowledge to tackle any configuration management challenge.

Key Features of Mastering PowerShell DSC:

- **Comprehensive Coverage:** From basic concepts to advanced techniques, this book covers everything you need to know to master PowerShell DSC.

- **Real-World Scenarios:** The book provides practical examples showcasing real-world scenarios where PowerShell DSC shines, making it easier for you to apply the knowledge to your own projects.

- **Step-by-Step Tutorials:** Follow along with detailed step-by-step tutorials that guide you through the implementation of PowerShell DSC solutions.

- **Deep Dive into Advanced Topics:** Explore advanced topics such as custom resource development and composite resources to take your automation skills to the next level.

- **Best Practices and Tips:** Discover best practices, tips, and tricks from industry experts to optimize your PowerShell DSC workflows and avoid common pitfalls.

Get Started with the Second Edition Today!

Whether you are a system administrator, DevOps engineer, or IT professional, "Mastering PowerShell DSC" is a must-have resource for anyone working with DSC. It equips you with the knowledge and skills to automate your infrastructure and achieve greater efficiency and scalability.

Don't miss out on the second edition! Order your copy today and unlock the full potential of PowerShell DSC!

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Key Features

- Create flexible and maintainable deployments using DSC configuration scripts that stand the test of time.

- Explore the core architecture, concepts, and practices in depth.

- Learning PowerShell DSC is a step-by-step guide that shows you how to start using and taking advantage of PowerShell DSC along with configuring and deploying applications.

Book Description

The main goal of this book is to teach you to configure, deploy, and manage your system using the new features of PowerShell v5/v6 DSC.

This book begins with the basics of PowerShell Desired State Configuration, covering its architecture and components. It familiarizes you with the set of Windows PowerShell language extensions and new Windows PowerShell

commands that make up DSC. Then it helps you create DSC custom resources and work with DSC configurations with the help of practical examples. Finally, it describes how to deploy configuration data using PowerShell DSC. Throughout this book, we will be focusing on concepts such as building configurations with parameters, the local configuration manager, and testing and restoring configurations using PowerShell DSC.

By the end of the book, you will be able to deploy a real-world application end-to-end and will be familiar enough with the powerful Desired State Configuration platform to achieve continuous delivery and efficiently and easily manage and deploy data for systems.
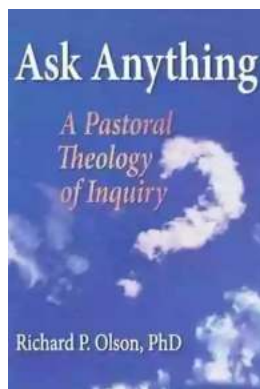
What you will learn

- Explore PowerShell Desired State Configuration and activities around it, including the need for configuration management and abstraction.

- Create reusable DSC configurations and debug/ troubleshoot configuration files.

- Learn about the PowerShell DSC architecture with the help of push-and-pull management and workflows.

- Define DSC configuration scripts and data files and push DSC configuration files remotely and locally.

- Validate DSC Pull Server install and register target nodes with a DSC Pull Server.

- Learn about DSC Cross Platform and install PowerShell on Linux and macOS along with real-life DSC uses and different types of deployment.

About the Author

James Pogran has been working with computers in one way or another for over 15 years. His first job involved systems administration for a large military installation. He then moved on to develop monitoring software and automating large-scale Windows environments for a major managed services provider. He is currently a senior software engineer at Puppet, Inc, where he helps make Windows automation even better with Puppet.
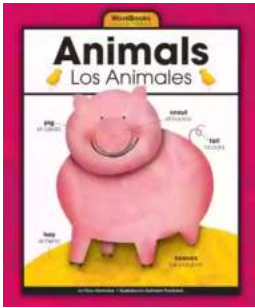
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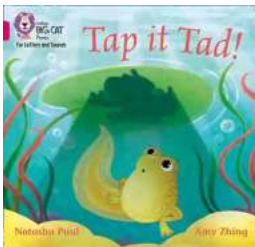
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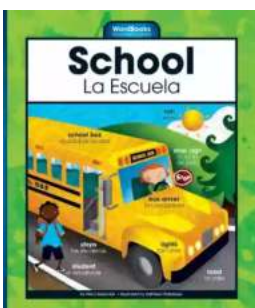
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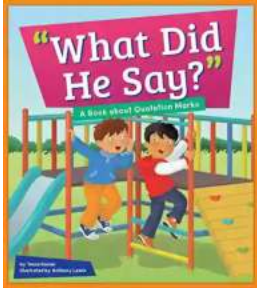
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