
Introduction A Windows Powershell Avec Gabriel Le

Windows PowerShell 2.0 Bible

Automating Microsoft Windows Server 2008 R2 with Windows PowerShell 2.0

Microsoft Azure Essentials - Fundamentals of Azure

Getting Started with PowerShell

Introduction to Windows Server 2016

Introducing Windows 8

Windows PowerShell 3.0 Step by Step

Ultimate PowerShell Automation for System Administration

Windows PowerShell Self-Study Training Kit

PowerShell in Depth

Windows PowerShell 3.0 First Steps

PowerShell and WMI

Windows PowerShell Step by Step

Learn PowerShell Scripting in a Month of Lunches, Second Edition

Windows Terminal Tips, Tricks, and Productivity Hacks

Windows PowerShell in Action

Optimizing and Troubleshooting Hyper-V Networking

Windows Server 2016 Automation with PowerShell Cookbook

Automating Microsoft Azure with Powershell

Windows PowerShell for Developers

Introducing Windows Azure for IT Professionals

Active Directory with PowerShell

MCSA Microsoft Windows 8.1 Complete Study Guide

PowerShell Deep Dives

PowerShell 7 for IT Professionals

Windows 7 and Vista Guide to Scripting, Automation, and Command Line Tools

Windows PowerShell Cookbook
PowerShell Advanced Cookbook
Learn PowerShell Core 6.0
Windows PowerShell for .NET Developers
Windows Server 2019 Automation with PowerShell Cookbook
Don Jones' PowerShell 4N00bs
PowerShell for Microsoft SharePoint 2010 Administrators
Automating Active Directory Administration with Windows PowerShell 2.0
Professional Windows PowerShell Programming
Microsoft Azure Essentials Azure Automation
Mastering PowerShell Scripting
Instant Windows PowerShell Guide
PowerShell for Sysadmins
Mastering Windows Server 2016 Hyper-V

*Introduction A Windows Powershell
Avec Gabriel Le*

Downloaded from intra.itu.edu by guest

MELINA ORR

Windows PowerShell 2.0 Bible "O'Reilly Media, Inc."

Learn to automate the top server operating system, Windows Server 2008 R2 Windows PowerShell 2.0 allows you to automate nearly any task for managing Windows Server, going from dozens of clicks to a single command, and repeated tasks to automated tasks. Using screen shots and helpful exercises, this book walks you through the many benefits of automating Windows Server with PowerShell 2.0, such as allowing for scalable, flexible, and rapid deployments and changes; increasing cost effectiveness; providing a timely return on IT investment; lowering labor

headcount; creating secure computing environments; and establishing reliable enterprise infrastructures. In addition, real-world examples provide reinforced learning, aimed at ensuring that you work as efficiently and effectively as possible by automating both simple and complex administrative tasks with Powershell 2.0. Explains how to automate both simple and complex tasks in Windows Server 2008 R2 with Powershell 2.0 Addresses how Windows Server 2008 R2 comes with more than 550 cmdlets, allowing you to automate nearly anything Offers numerous real-world examples, end-of-chapter exercises, and helpful screen shots to reinforce your learning process The power is in your hands! Start working smarter, not harder, by automating Windows Server 2008 R2 tasks with Powershell 2.0.
Automating Microsoft Windows Server 2008 R2 with

Windows PowerShell 2.0 No Starch Press

What the heck is PowerShell, and why should you care? Is "PowerShell Core" different from "Windows PowerShell?" What is a CLI, anyway, and why is clicking icons so bad? Designed for the absolute newcomer, Don Jones' PowerShell 4N00bs is the friendly, concise, easy-to-follow book that gets you on the right track with PowerShell from the word "go." Designed around PowerShell Core, Microsoft's open-source and cross-platform edition of PowerShell, this book makes it easy to follow along on Windows, Mac, or Linux. You'll learn why PowerShell exists, and Don will carefully point out the 6 main speed bumps that most newcomers trip over - and keep YOU from tripping over them! You'll start your PowerShell experience off the right way, instead of the confused way, and you'll gain the confidence to begin participating in the many helpful PowerShell communities, like PowerShell.org. Don's honest and no-nonsense approach points out the areas where PowerShell "lies," keeping you from being swept up in confusion. Plentiful analogies and stories make PowerShell's more obscure concepts absolutely clear, and abundant examples explain exactly what PowerShell is doing, and why you should care. If you start your PowerShell career off with only one book, this is the one you'll want it to be!

Microsoft Azure Essentials - Fundamentals of Azure

Microsoft Press

Windows Server 2016 is a server operating system developed by Microsoft, designed as a successor to Windows Server 2012. It was released to the public on September 26, 2016. The operating system is packed with new and improved features, including enhanced security, hyper-converged infrastructure, cloud

integration, and virtualization improvements. Windows Server 2016 supports hybrid cloud environments, allowing users to run applications on-premises or in the cloud. This allows for efficient and secure workload mobility, as well as improved data protection and disaster recovery. Additionally, the operating system includes new features such as Shielded Virtual Machines, which add an extra layer of security by encrypting virtual machines, and Remote Desktop Services that make it easier to manage and deliver applications to remote desktop users. With these new features, Windows Server 2016 aims to provide a comprehensive, easy-to-use solution for enterprise-level computing. Overall, Windows Server 2016 is an improved and more secure version of Windows Server 2012. It was designed with greater focus on cloud technologies, and hence, it offers features such as the Azure cloud connector and the ability to create a hybrid cloud configuration. Windows Server 2016 is a highly capable operating system that adds a layer of security and flexibility to enterprise computing, thus making it easier for users to set up and manage their own servers and workloads.

Getting Started with PowerShell Microsoft Press

Learn to use PowerShell, Microsoft's scripting language, to automate real-world tasks that IT professionals and system administrators deal with every day. Save Time. Automate. PowerShell® is both a scripting language and an administrative shell that lets you control and automate nearly every aspect of IT. In PowerShell for Sysadmins, five-time Microsoft® MVP "Adam the Automator" Bertram shows you how to use PowerShell to manage and automate your desktop and server environments so that you can head out for an early lunch. You'll learn how to:

Combine commands, control flow, handle errors, write scripts, run scripts remotely, and test scripts with the PowerShell testing framework, Pester Parse structured data like XML and JSON, work with common domains (like Active Directory, Azure, and Amazon Web Services), and create a real-world server inventory script Design and build a PowerShell module to demonstrate PowerShell isn't just about ad-hoc scripts Use PowerShell to create a hands-off, completely automated Windows deployment Build an entire Active Directory forest from nothing but a Hyper-V host and a few ISO files Create endless Web and SQL servers with just a few lines of code! Real-world examples throughout help bridge the gap between theory and actual system, and the author's anecdotes keep things lively. Stop with the expensive software and fancy consultants. Learn how to manage your own environment with PowerShell for Sysadmins and make everyone happy. Covers Windows PowerShell v5.1

Introduction to Windows Server 2016 Packt Publishing Ltd
Introduces Windows 8, including new features and capabilities, and offers scenario-based insights on planning, implementing, and maintaining the operating system.

Introducing Windows 8 "O'Reilly Media, Inc."

Get started with this powerful Windows administration tool Automate Windows administration tasks with ease by learning the fundamentals of Windows PowerShell 3.0. Led by a Windows PowerShell expert, you'll learn must-know concepts and techniques through easy-to-follow explanations, examples, and exercises. Once you complete this practical introduction, you can go deeper into the Windows PowerShell command line interface and scripting language with Windows PowerShell 3.0 Step by

Step. Discover how to: Create effective Windows PowerShell commands with one line of code Apply Windows PowerShell commands across several Windows platforms Identify missing hotfixes and service packs with a single command Sort, group, and filter data using the Windows PowerShell pipeline Create users, groups, and organizational units in Active Directory Add computers to a domain or workgroup with a single line of code Run Windows PowerShell commands on multiple remote computers Unleash the power of scripting with Windows Management Instrumentation (WMI)

Windows PowerShell 3.0 Step by Step Gilad James Mystery School

Enhance your skills in expert module development, deployment, security, DevOps, and cloud Key Features A step-by-step guide to get you started with PowerShell Core 6.0 Harness the capabilities of PowerShell Core 6.0 to perform simple to complex administration tasks Learn core administrative concepts such as scripting, pipelines, and DSC Book Description Beginning with an overview of the different versions of PowerShell, Learn PowerShell Core 6.0 introduces you to VSCode and then dives into helping you understand the basic techniques in PowerShell scripting. You will cover advanced coding techniques, learn how to write reusable code as well as store and load data with PowerShell. This book will help you understand PowerShell security and Just Enough Administration, enabling you to create your own PowerShell repository. The last set of chapters will guide you in setting up, configuring, and working with Release Pipelines in VSCode and VSTS, and help you understand PowerShell DSC. In addition to this, you will learn how to use

PowerShell with Windows, Azure, Microsoft Online Services, SCCM, and SQL Server. The final chapter will provide you with some use cases and pro tips. By the end of this book, you will be able to create professional reusable code using security insight and knowledge of working with PowerShell Core 6.0 and its most important capabilities. What you will learn Get to grips with Powershell Core 6.0 Explore basic and advanced PowerShell scripting techniques Get to grips with Windows PowerShell Security Work with centralization and DevOps with PowerShell Implement PowerShell in your organization through real-life examples Learn to create GUIs and use DSC in production Who this book is for If you are a Windows administrator or a DevOps user who wants to leverage PowerShell to automate simple to complex tasks, then this book is for you. Whether you know nothing about PowerShell or just enough to get by, this guide will give you what you need to go to take your scripting to the next level. You'll also find this book useful if you're a PowerShell expert looking to expand your knowledge in areas such as PowerShell Security and DevOps.

Ultimate PowerShell Automation for System Administration John Wiley & Sons

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows

administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating

scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.

Windows PowerShell Self-Study Training Kit Packt Publishing Ltd

Fully unleash your scripting powers and capabilities with PowerShell

KEY FEATURES

- PowerShell administration fundamentals.
- Advanced scripting and automation.
- Enterprise and cloud administration.

DESCRIPTION PowerShell is a powerful scripting language, automation framework and command-line shell developed by Microsoft that is built on the .NET framework. It is an essential tool because it allows system administrators and developers to automate and optimize complex administrative tasks across multiple systems efficiently. PowerShell's deep integration with Windows and other Microsoft products makes it an invaluable tool for administrating, managing and optimizing Windows environments. Designed as a cookbook, this book enables readers to expand and build upon their current PowerShell knowledge and skillset. Topics covered in detail include creating PowerShell unit tests using Pester, managing and administrating Azure and AWS cloud services, remote script execution, Active Directory management, PowerShell desired

state configuration and more. Each chapter includes recipes that delves into the topics, accompanied by code examples and walkthroughs. After reading this book, readers would have gained the knowledge and skills that will enable them to build better and more advanced scripts and applications while also understanding key principles of automation and optimization. This will also aid the readers to streamline processes and enhance administrative tasks more efficiently using PowerShell.

WHAT YOU WILL LEARN

- Develop advanced PowerShell functions, classes, and scripts with sophisticated flow control.
- Manage errors effectively, including custom error classes, in scripts and background jobs.
- Securely handle remote sessions using PowerShell remoting for enhanced management.
- Utilize Pester for unit testing and mocking dependencies, ensuring script reliability.
- Administer Active Directory objects and cloud services like Azure and AWS, including Microsoft 365 applications.
- Build GUI applications and Windows services from PowerShell scripts with SAPIEN PowerShell studio IDE.

WHO THIS BOOK IS FOR This book is intended for developers and system administrators with a novice or intermediate understanding of PowerShell who are looking to advance their skills.

TABLE OF CONTENTS

1. Introduction to Advanced PowerShell Concepts
2. Advanced PowerShell Functions
3. Flow Control and Looping
4. Error Handling
5. Scripting Techniques
6. Remote Script Execution: PowerShell Remote Management
7. Testing with Pester
8. Working with XML and JSON
9. Active Directory Management
10. Managing Azure with PowerShell
11. Managing AWS with PowerShell
12. Microsoft 365 Applications Management
13. Desired State Configuration
14. Managing Windows Components
15. SAPIEN PowerShell

Studio IDE

PowerShell in Depth Simon and Schuster

If you are looking to automate repetitive tasks in Active Directory management using the PowerShell module, then this book is for you. Any experience in PowerShell would be an added advantage.

Windows PowerShell 3.0 First Steps John Wiley & Sons

Take control of SharePoint 2010 with PowerShell! Administer SharePoint 2010 using PowerShell with help from this practical guide. PowerShell for Microsoft SharePoint 2010 Administrators explains how to configure and manage the latest version of the powerful enterprise collaboration platform. Find out how to automate the installation process, construct dynamic SharePoint environments, create and extend Web applications, and manage service applications. Backup, security, and performance enhancement techniques are also fully covered in this comprehensive resource. Understand key SharePoint 2010 concepts and components Learn the basics of PowerShell for SharePoint administration Develop custom PowerShell scripts and functions Automate SharePoint 2010 management using PowerShell Manage Web applications and content databases Administer sites and site collections Control list items and metadata Handle document management Enable Remote BLOB Storage Query SQL Server databases

PowerShell and WMI Microsoft Press

With more than 250 ready-to-use recipes, this solutions-oriented introduction to the Windows PowerShell scripting environment and language provides administrators with the tools to be productive immediately.

Windows PowerShell Step by Step Pearson Education

Over 100 recipes to help you leverage PowerShell to automate Windows Server 2016 manual tasks About This Book Automate Windows server tasks with the powerful features of the PowerShell Language Master new features such as DevOps, containers, and Nano servers, and speed up their performance using PowerShell Improve PowerShell's usability, and control and manage Windows-based environments by working through inviting recipes Who This Book Is For If you are a systems administrator, engineer, or an architect working with Windows Server 2016 and want to automate tasks with PowerShell, then this book is for you. A basic knowledge of PowerShell is expected. What You Will Learn Streamline routine administration processes Improve the performance and storage of your Windows server with enhanced large-scale PowerShell scripts Use DSC to leverage Windows server features Generate automatic reports that highlight unexpected changes in your environment Monitor performance and report on system utilization using detailed graphs and analysis Create and manage a reliable and redundant Hyper-V environment Manage your enterprise's patch level Utilize multiple tools and protocols to manage your environment In Detail This book showcases several ways that Windows administrators can use to automate and streamline their job. You'll start with the PowerShell and Windows Server fundamentals, where you'll become well versed with PowerShell and Windows Server features. In the next module, Core Windows Server 2016, you'll implement Nano Server, manage Windows updates, and implement troubleshooting and server inventories. You'll then move on to the Networking module, where you'll manage Windows network services and network shares. The last

module covers Azure and DSC, where you will use Azure on PowerShell and DSC to easily maintain Windows servers. Style and approach This is a practical guide packed with attractive recipes to help you effectively use PowerShell to accelerate your daily administrative tasks with Windows server.

Learn PowerShell Scripting in a Month of Lunches, Second Edition Microsoft Press

Efficiently administer and maintain your development environment with Windows PowerShell About This Book Explore scripting and automation techniques with Windows PowerShell Gain concrete knowledge of Windows PowerShell scripting to perform professional level scripting Discover the benefits of the Configuration Management Platform with this step-by-step guide that includes real-world scripting examples Who This Book Is For If you are an IT professional or developer who has worked on the .Net platform and you want to learn automation using Windows PowerShell, then this book is for you. This self-start guide takes you from the basics and gradually moves to an intermediate level to show you how to perform professional scripting. What You Will Learn Understand the concepts of building PowerShell scripts and the basics of programming Manage the LYNC, Exchange, and SharePoint platforms Create a Pull server using a SMB file share and HTTP and HTTPS Use .NET classes in Windows PowerShell and C# to manage Exchange Online Use PowerShell in C# to manage Exchange Online and work with .NET classes in PowerShell Automate LYNC clients, consuming Client Server Object Models to administrate SharePoint Online In Detail Windows PowerShell 5.0 for .NET Developers is your self-start guide to performing automation using Windows PowerShell. This

book will help you to understand the PowerShell syntax and grammar and will also teach you techniques to remove the rough edges of manual deployments. Packed with PowerShell scripts and sample C# codes to automate tasks, it also includes real-world scenarios such as administrating office servers to help you save time and perform deployments swiftly and efficiently. The book begins with the Windows PowerShell basics, explores the significant features of Windows Management Framework 5.0, covers the basic concepts of Desired State Configuration and the importance of idempotent deployments. By the end of the book, you will have a good understanding of Windows PowerShell's features and will be able to automate your tasks and manage configuration effectively. Style and approach This is an easy-to-follow step-by-step guide with text-enabled screenshots. Each topic is explained with codes and examples. It also includes multiple approaches for a number of tasks to let you choose the best one for you depending on your scenario.

Windows Terminal Tips, Tricks, and Productivity Hacks BPB Publications

Focused content on automating the user authentication and authorization tool for Windows environments Automation helps make administration of computing environments more manageable. It alleviates the repetition of repeating frequent tasks and automates just about any task for Active Directory, Windows PowerShell 2.0. Focused on everyday and frequently performed tasks, this indispensable guide provides you with the PowerShell solutions for these tasks. Solutions are presented in a step-by-step format so that you can fully grasp how the new Active Directory module for PowerShell provides command-line

scripting for administrative, configuration, and diagnostic tasks. Walks you through the processes and tools required to automate everyday tasks Offers PowerShell solutions for maintaining a Windows Server 2008 R2 environment Includes real-world examples, explanations of concepts, and step-by-step solutions This unique book allows you to work more efficiently and effectively and keep up with the ever-increasing demands from businesses.

Windows PowerShell in Action Packt Publishing Ltd

Become an efficient command-line expert by harnessing the power of the new Microsoft Windows Terminal, and learn time-saving tricks for PowerShell, WSL2, and more Key FeaturesCustomize and optimize your Windows Terminal and its shellsWork effectively on the command line with split panes, hotkeys, and automationUse PowerShell and WSL2 efficiently to build, test, and deploy applicationsBook Description Windows Terminal is a new and open-source command-line application for Windows 10, built for the Command Prompt, PowerShell, Windows Subsystem for Linux, and more. It's fast, modern, and configurable thanks to its GPU-accelerated rendering, excellent UTF-8 support, and JSON-based configurability, and this book can help you learn how to leverage these features. You'll start by learning the benefits of Windows Terminal and its open-source development, as well as how to use the built-in tabs, panes, and key bindings to build your own efficient terminal workflows. After you've mastered Windows Terminal, this book shows how to use and configure PowerShell Core and the Windows Subsystem for Linux within Windows Terminal. You'll maximize your productivity using powerful tools such as PSReadLine for PowerShell and ZSH

on Linux, and discover useful tips and tricks for common developer tools like Git and SSH. Finally, you'll see how Windows Terminal can be used in common development and DevOps tasks, such as developing frontend JavaScript applications and backend REST APIs, and managing cloud-based systems like Amazon Web Services (AWS), Microsoft Azure, and Google Cloud. By the end of this book, you'll not only be well-versed with Windows Terminal, but also have learned how to effectively use shells like PowerShell Core and ZSH to become proficient at the command line. What you will learnInstall, update, and use Windows Terminal and its preview versionCustomize your Windows Terminal to be both visually appealing and functionalEnable and effectively use the latest versions of PowerShell Core and Windows Subsystem for LinuxInstall and configure time-saving tools for the command lineWork efficiently with common developer tools such as Git and SSHBuild, deploy, and manage apps in the cloud using Windows TerminalUse Linux tools from Windows with easeWho this book is for This book is for developers, DevOps engineers, and sysadmins who want to become advanced command-line power users. Whether you're new to the command line or you already use Windows PowerShell every day, this book will have something for you.

Optimizing and Troubleshooting Hyper-V Networking Packt Publishing Ltd

Automate Windows server tasks with the powerful features of the PowerShell Language Key FeaturesLeverage PowerShell to automate complex Windows server tasks Master new features such as DevOps, and containers, and speed up their performance using PowerShellImprove PowerShell's usability, and control and

manage Windows-based environments by working through exciting recipes

Book Description Windows Server 2019 represents the latest version of Microsoft's flagship server operating system. It also comes with PowerShell Version 5.1 and has a number of additional features that IT pros find useful. The book helps the reader learn how to use PowerShell and manage core roles, features, and services of Windows Server 2019. You will begin with creating a PowerShell Administrative Environment that has updated versions of PowerShell and the Windows Management Framework, updated versions of the .NET Framework, and third-party modules. Next, you will learn to use PowerShell to set up and configure Windows Server 2019 networking and also managing objects in the AD environment. You will also learn to set up a host to utilize containers and how to deploy containers. You will also be implementing different mechanisms for achieving desired state configuration along with getting well versed with Azure infrastructure and how to setup Virtual Machines, web sites, and shared files on Azure. Finally, you will be using some powerful tools you can use to diagnose and resolve issues with Windows Server 2019. By the end of the book, you will learn a lot of trips and tricks to automate your windows environment with PowerShell

What you will learn

- Perform key admin tasks on Windows Server 2019
- Employing best practices for writing PowerShell scripts and configuring Windows Server 2019
- Use the .NET Framework to achieve administrative scripting
- Set up VMs, websites, and shared files on Azure
- Report system performance using built-in cmdlets and WMI to obtain single measurements
- Know the tools you can use to diagnose and resolve issues with Windows Server

Who this book is for If you are

a systems administrator, engineer, or an architect working with Windows Server 2016 interested in upgrading to Windows Server 2019 and automating tasks with PowerShell, then this book is for you. A basic knowledge of PowerShell is expected.

Windows Server 2016 Automation with PowerShell

Cookbook Stanek & Associates

Automate complex tasks and processes with PowerShell scripts. This amazing book teaches you how to write, test, and organize high-quality, reusable scripts for Windows, Linux, and cloud-based systems. Learn PowerShell Scripting in a Month of Lunches, Second Edition takes you beyond command-line PowerShell and opens up the amazing world of scripting and automation. In just 27 bite-sized lessons, you'll learn to write scripts that can eliminate repetitive manual tasks, create custom reusable tools, and build effective pipelines and workflows. In Learn PowerShell Scripting in a Month of Lunches, Second Edition you'll learn:

- Setting up a reliable scripting environment
- Designing functions and scripts
- Effective pipeline usage
- Scripting and security
- Dealing with errors and bugs
- Source control with git
- Sharing and publishing scripts
- Professional-grade scripting practices

The PowerShell language lets you write scripts to control nearly every aspect of Windows. Just master a few straightforward scripting skills, and you'll save yourself from hours of tedious tasks. This revised second edition is fully updated to PowerShell's latest version, including hands-on examples that perfectly demonstrate modern PowerShell's cross-platform applications. About the technology You can write PowerShell scripts to automate nearly any admin task on Windows, Linux, and macOS. This book shows you how! In just 27 short lessons you can complete on your lunch

break, you'll learn to create, organize, test, and share scripts and tools that will save you hours of time in your daily work. About the book *Learn PowerShell Scripting in a Month of Lunches, Second Edition* is a hands-on introduction to PowerShell automation and toolbuilding. Updated for the latest version of PowerShell, this thoroughly revised bestseller teaches you how to write efficient scripts, find and squash bugs, and organize your tools into libraries. Along the way, you'll even pick up tips for securing and managing Linux and macOS systems. What's inside

Setting up a reliable scripting environment
 Designing functions and scripts
 Effective pipeline usage
 Sharing and publishing scripts
 About the reader
 Beginning to intermediate knowledge of PowerShell required.

About the author
 James Petty is CEO of PowerShell.org and The DevOps Collective and a Microsoft MVP. Don Jones and Jeffery Hicks are the authors of the first edition of *Learn PowerShell Scripting in a Month of Lunches*.

Table of Contents
 PART 1
 1 Before you begin
 2 Setting up your scripting environment
 3 WWPD: What would PowerShell do?
 4 Review: Parameter binding and the PowerShell pipeline
 5 Scripting language: A crash course
 6 The many forms of scripting (and which to choose)
 7 Scripts and security
 PART 2
 8 Always design first
 9 Avoiding bugs: Start with a command
 10 Building a basic function and script module
 11 Getting started with advanced functions
 12 Objects: The best kind of output
 13 Using all the streams
 14 Simple help: Making a comment
 15 Errors and how to deal with them
 16 Filling out a manifest
 PART 3
 17 Changing your brain when it comes to scripting
 18 Professional-grade scripting
 19 An introduction to source control with Git
 20 Pester your script
 21 Signing your script
 22 Publishing your script
 PART 4
 23

Squashing bugs
 24 Enhancing script output presentation
 25 Wrapping up the .NET Framework
 26 Storing data—not in Excel!
 27 Never the end

[Automating Microsoft Azure with Powershell](#) McGraw Hill Professional

Summary
 PowerShell in Depth, Second Edition is the go-to reference for administrators working with Windows PowerShell. Every major technique, technology, and tactic is carefully explained and demonstrated, providing a hands-on guide to almost everything an admin would do in the shell. Written by three experienced authors and PowerShell MVPs, this is the PowerShell book you'll keep next to your monitor—not on your bookshelf! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Book
 A Windows admin using PowerShell every day may not have the time to search the net every time he or she hits a snag. Wouldn't it be great to have a team of seasoned PowerShell experts ready to answer even the toughest questions? That's what you get with this book.

PowerShell in Depth, Second Edition is the go-to reference for administrators working with Windows PowerShell. Every major technique, technology, and tactic is carefully explained and demonstrated, providing a hands-on guide to almost everything an admin would do in the shell. Written by PowerShell MVPs Don Jones, Jeffrey Hicks, and Richard Siddaway, each valuable technique was developed and thoroughly tested, so you'll be able to consistently write production-quality, maintainable scripts while saving hours of time and effort. This book assumes you know the basics of PowerShell.

What's Inside
 Automating tasks
 Packaging and

deploying scripts Introduction to Desired State Configuration PowerShell security Covers PowerShell version 3 and later About the Authors Don Jones, Jeffery Hicks, and Richard Siddaway are Microsoft MVPs, trainers, and administrators. Collectively, they've authored nearly three dozen books on PowerShell and Windows administration. Table of Contents PART 1 POWERSHELL FUNDAMENTALS Introduction PowerShell hosts Using the PowerShell help system The basics of PowerShell syntax Working with PSSnapins and modules Operators Working with objects The PowerShell pipeline Formatting PART 2 POWERSHELL MANAGEMENT PowerShell Remoting Background jobs and scheduling Working with credentials Regular expressions Working with HTML and XML data PSDrives and PSProviders Variables, arrays, hash tables, and script blocks PowerShell security Advanced PowerShell syntax PART 3 POWERSHELL SCRIPTING

AND AUTOMATION PowerShell's scripting language Basic scripts and functions Creating objects for output Scope PowerShell workflows Advanced syntax for scripts and functions Script modules and manifest modules Custom formatting views Custom type extensions Data language and internationalization Writing help Error handling techniques Debugging tools and techniques Functions that work like cmdlets Tips and tricks for creating reports PART 4 ADVANCED POWERSHELL Working with the Component Object Model (COM) Working with .NET Framework objects Accessing databases Proxy functions Building a GUI WMI and CIM Working with the web Desired State Configuration Windows PowerShell for Developers Pearson Education A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

Best Sellers - Books :

- [A Court Of Silver Flames \(a Court Of Thorns And Roses, 5\)](#)
- [Think And Grow Rich: The Landmark Bestseller Now Revised And Updated For The 21st Century \(think And Grow Rich Series\) By Napoleon Hill](#)
- [To Kill A Mockingbird By Harper Lee](#)
- [Fahrenheit 451 By Ray Bradbury](#)
- [Ugly Love: A Novel](#)
- [A Court Of Thorns And Roses Paperback Box Set \(5 Books\)](#)
- [Beyond The Story: 10-year Record Of Bts](#)
- [Heart Bones: A Novel](#)
- [I Love You Like No Otter: A Funny And Sweet Board Book For Babies And Toddlers \(punderland\) By Rose Rossner](#)
- [World Of Eric Carle, Around The Farm 30-button Animal Sound Book - Great For First Words - Pi Kids](#)