

Powershell The Quickstart Beginners Guide

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.

Your hands-on, step-by-step guide to automating Windows administration with Windows PowerShell 3.0 Teach yourself the fundamentals of Windows PowerShell 3.0 command line interface and scripting language—one step at a time. Written by a leading scripting expert, this practical tutorial delivers learn-by-doing exercises, timesaving tips, and hands-on sample scripts for performing administrative tasks on both local and remote Windows systems. Discover how to: Use built-in cmdlets to execute commands Write scripts to handle recurring tasks Use providers to access information beyond the shell environment Configure network components with Windows Management Instrumentation Manage users, groups, and computers with Active Directory services Execute scripts to administer and troubleshoot Microsoft Exchange Server 2010

The Windows Command Line Beginner's Guide gives users new to the Windows command line an overview of the Command Prompt, from simple tasks to network configuration. In the Guide, you'll learn how to: -Manage the Command Prompt. -Copy & paste from the Windows Command Prompt. -Create batch files. -Remotely manage Windows machines from the command line. -Manage disks, partitions, and volumes. -Set an IP address and configure other network settings. -Set and manage NTFS and file sharing permissions. -Customize and modify the Command Prompt. -Create and manage file shares. -Copy, move, and delete files and directories from the command line. -Manage PDF files and office documents from the command line. -And many other topics.

Your one-stop reference for Windows Server 2019 and PowerShell know-how Windows Server 2019 & PowerShell All-in-One For Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and professor who trains aspiring system administrators, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system. This book includes coverage of: Installing & Setting Up Windows Server Configuring Windows Server 2019 Administering Windows Server 2019 Configuring Networking Managing Security Working with Windows PowerShell Installing and Administering Hyper-V Installing, Configuring, and Using Containers If you're a budding or experienced system administrator looking to build or expand your knowledge of Windows Server, this book has you covered.

Leverage PowerShell to perform many day-to-day tasks in Microsoft Azure Key Features Deploy and manage Azure virtual machines with PowerShell commands. Get to grips with core concept of Azure PowerShell such as working with images and disks, custom script extension, high availability and more. Leverage hands-on projects to successfully apply what you learned through the course of this book. Book Description As an IT professional, it is important to keep up with cloud technologies and learn to manage those technologies. PowerShell is a critical tool that must be learned in order to effectively and more easily manage many

Azure resources. This book is designed to teach you to leverage PowerShell to enable you to perform many day-to-day tasks in Microsoft Azure. Taking you through the basic tasks of installing Azure PowerShell and connecting to Azure, you will learn to properly connect to an Azure tenant with PowerShell. Next, you will dive into tasks such as deploying virtual machines with PowerShell, resizing them, and managing their power states with PowerShell. Then, you will learn how to complete more complex Azure tasks with PowerShell, such as deploying virtual machines from custom images, creating images from existing virtual machines, and creating and managing of data disks. Later, you will learn how to snapshot virtual machines, how to encrypt virtual machines, and how to leverage load balancers to ensure high availability with PowerShell. By the end of this book, you will have developed dozens of PowerShell skills that are invaluable in the deployment and management of Azure virtual machines. What you will learn Manage virtual machines with PowerShell Resize a virtual machine with PowerShell Create OS disk snapshots via PowerShell Deploy new virtual machines from snapshots via PowerShell Provision and attach data disks to a virtual machine via PowerShell Load balance virtual machines with PowerShell Manage virtual machines with custom script extensions Who this book is for This book is intended for IT professionals who are responsible for managing Azure virtual machines. No prior PowerShell or Azure experience is needed.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

A step-by-step guide to acquire knowledge of the SharePoint Framework (SPFx), build it from scratch, and gradually move towards developing practical examples. DESCRIPTION SharePoint is continuously evolving, and it has offered the SharePoint Framework as a new development model to extend the modern SharePoint user interface. The development paradigm has shifted from the server-side to the client-side development involving various open source tooling and modern toolchain. As a result, relevant technical expertise and analytical skills are required to do such tasks. This book aims to equip you with enough knowledge of the SharePoint Framework in conjunction with skills to use powerful tools such as Node.js, npm, Yeoman, Gulp, TypeScript, and so on to succeed in the role of a SharePoint developer. The book starts with a brief introduction to the SharePoint evolution across versions and the rise of the SharePoint Framework and the opportunities you may come across along with an

overview of the key topics covered in the book. You will learn how to set up the SharePoint Framework. Before diving into several supervised, unsupervised and other practical use cases of the SharePoint Framework, you will learn how to develop SharePoint Framework solutions using React JS, Angular JS, Knockout JS, and PnP JS and utilize third-party npm packages. You will learn various methodologies to deploy the SharePoint Framework solutions, implement best practices, upgrade techniques, build custom components, and continuous integration and delivery pipelines for SharePoint Framework solutions with Azure DevOps.

KEY FEATURES

- Master the concept of the SharePoint Framework (SPFx)
- Learn how to use various JavaScript libraries and frameworks with the SharePoint Framework
- Deploy SPFx solutions into CDNs (Azure Storage and Office 365 Public CDN)
- Learn SharePoint operations with SPFx
- Consume the Microsoft Graph and third-party APIs in SPFx
- Upgrade solutions from deployment scenarios
- Continuous integration and delivery pipelines for the SharePoint Framework solutions with Azure DevOps
- Develop practical scenarios

WHAT WILL YOU LEARN

By the end of the book, you will come across a few case studies to put your knowledge gained into practice and solve real-life business problems such as building custom components such as web parts and extensions. You will learn how to consume the Microsoft Graph and third-party APIs, develop Custom App Pages, implement Library Components, extend MS Teams with SPFx, and implement CI/CD pipelines for the SharePoint Framework solutions with Azure DevOps. Remember to practice examples provided as the code bundle for each chapter in this book to master these techniques.

WHO THIS BOOK IS FOR

The book is intended for anyone looking for a career in modern SharePoint, all aspiring SharePoint developers who want to learn the most powerful technique to extend the SharePoint user interface or working professionals who want to switch their career in SharePoint. While no prior knowledge of SharePoint, open-source tooling and modern toolchain or related technologies is assumed, it will be helpful to have some programming experience.

Table of Contents

1. Getting Started with SharePoint Framework
2. Develop Your First SPFx Web Part
3. SPFx Web Part Property Pane
4. Custom Controls for Web Part Property Pane
5. PnP Controls for Web Part Property Pane
6. CSS Considerations
7. Configure SPFx Web Part Icon
8. Examine SPFx Web Parts on Modern SharePoint
9. Host SPFx Web Parts from MS Azure CDN
10. Host SPFx Web Parts from Office 365 Public CDN
11. Host SPFx Web Parts from SharePoint Document Library
12. Integrating jQuery with SPFx Web Parts
13. CRUD Operations with No Framework
14. CRUD Operations with React JS
15. CRUD Operations with Angular JS
16. CRUD Operations using Knockout JS
17. CRUD Operations with SP-PnP-JS
18. Transition to @pnp/sp from sp-pnp-js
19. SPFx Development with React JS
20. React Lifecycle Events in SPFx
21. AutoBind Control Events in SPFx
22. Partial State Update for React-based SPFx WebParts
23. Using Office UI Fabric in SPFx
24. Provision SharePoint Assets in SPFx Solution
25. Connect to MS Graph API with MSGraphClient
26. Connect to MS Graph API with AadHttpClient
27. SPFx Logging Mechanism
28. Debug SPFx Solutions
29. Overview of SPFx Extensions
30. SPFx Extension - Application Customizer
31. Extend Application Customizer with React Components
32. SPFx Extension - Field Customizer
33. SPFx Extension - ListView Command Set
34. Anonymously Call MS Azure Functions
35. Securing Azure Function with Azure Active Directory
36. Consume Azure AD Secured Function with SPFx
37. Implementing Separation of Concerns (SoC)
38. Localization Support for SPFx
39. Office 365 CLI
- 40.

SPFx Solutions Upgrade 41. SPFx Solution Upgrade with Office 365 CLI 42. Common Issues and Resolutions with Upgrading npm Packages 43. Extend MS Teams with SPFx 44. Library Component Type 45. Develop Custom App Pages with SPFx 46. Optimizing SPFx Solutions 47. Unit Test with Jest and Enzyme 48. DevOps For SPFx 49. Query User Profile Details 50. Query SP Search Results 51. React-based Tree view 52. React-based Carousel 53. React-based Organogram 54. Integrating Adaptive Cards with SPFx 55. Integrating Google API with SPFx 56. SPFx Development with SharePoint On-Premises

Learn dbatools in a Month of Lunches is a practical hands-on guide to automating SQL Server with PowerShell and the awesome dbatools module. An effective DBA is an efficient DBA. And if you work with SQL Server, dbatools is a lifesaver. With over 500 commands, this free and open source PowerShell module has the horsepower to automate just about every task you can imagine—and then some! Learn dbatools in a Month of Lunches teaches you techniques that will make you more effective—and efficient—than you ever thought possible. Learn dbatools in a Month of Lunches is a practical hands-on guide to automating SQL Server with PowerShell and the awesome dbatools module. You'll master techniques you can immediately put into practice, from daily duties like backups and restores right through to performing security audits. Stabilize and standardize your SQL server environment, and simplify your tasks by building automation, alerting, and reporting with this powerful tool. Each lesson delivers another skill that you can use to speed through your core tasks as a SQL Server DBA! Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

PowerShell Writing, Saving And Running Scripts From The PowerShell Command Line - Plus Amazing PowerShell Tips, Tricks And Hints! This guide provides an introduction to Windows PowerShell aimed at the complete beginner. In this eBook you will learn what Windows PowerShell is and why it is useful. You will also begin to discover how to write and code your own scripts and how to perform basic administration tasks using common commands. Here is a preview of what you'll learn: Chapter 1 - Getting Started With PowerShell Chapter 2 - Re-direction & Piping Chapter 3 - PowerShell & Scripts Chapter 4 - Control Flow Statements Chapter 5 - Common Tasks & Cmdlets

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.

A concise walk-through of CentOS 7, starting from installation to securing it's environment. Key Features No previous Linux environment experience needed for reading this book Get comfortable with a popular and stable Red Hat Enterprise Linux distribution Most of the command line based concepts are explained with graphics Book Description Linux kernel development has been the worlds largest collaborative project to date. With this practical guide, you will learn Linux through one of its most popular and stable distributions. This book will introduce you to essential Linux skills using CentOS 7. It describes how a Linux system is organized, and will introduce you to key command-line concepts you can practice on your own. It will guide you in performing basic system administration tasks and day-to-day operations in a Linux environment. You will learn core system administration skills for managing a system running CentOS 7 or a similar operating system, such as RHEL 7, Scientific Linux, and Oracle Linux. You will be able to perform installation, establish network connectivity and user and process management, modify file permissions, manage text files using the command line, and implement basic security administration after covering this book. By the end of this book, you will have a solid understanding of working with Linux using the command line. What you will learn Understand file system hierarchy and essential command-line skills Use Vi editor, I/O redirections and how to work with common text manipulating tools Create, delete, modify user accounts and manage passwords and their aging policy Manage file ownership, permissions, and ACL Execute process management and monitoring on the command line Validate and manage network configuration using nmcli Manage remote logins using SSH and file transfer using SCP and Rsync Understand system logging, how to control system services with systemd and systemctl, and manage firewalld Who this book is for Any individual who wants to learn how to use Linux as server or desktop in his environment. Whether you are a developer, budding system administrator, or tech lover with no previous Linux administration background, you will be able to start your journey in Linux using CentOS 7 with this book.

Are you a system administrator, consultant, or power user who wants to expand their expertise in automating and controlling the windows environment? And are you looking for a comprehensive guide that will help you become a pro at your own convenience and pace even if you've never set foot into a software development class? If you answered YES to these questions, this book is for you so keep on reading... You Are About To Master How To Unlock The Advanced Functionalities Of Windows Powershell Scripting To Help You Automate Different Tasks In The Windows Environment! Windows PowerShell is a very powerful tool that most people do not yet know of as it is still fairly new. It offers a handy way to automate the windows environment. However, working with this function can be difficult if you do not have the necessary knowledge of going about it. This book bridges that gap as it provides you with all the knowledge you need to help you automate common administrative jobs and tasks. By virtue that you are here, it is clear that you are eager to get started and you are probably wondering... What is Windows PowerShell and what exactly does it do? How do I install PowerShell on my computer? Can Windows PowerShell be installed on other operating systems apart from Windows? What are the main PowerShell commands that I should know of? How do I get started with scripting using PowerShell? If you have these and other related questions about getting started with Windows PowerShell, keep reading, as this book has everything you need to get you started, even if you do not consider yourself tech-savvy. More precisely, you will find: What PowerShell is and how to install it on different operating systems Different PowerShell commands and what they do The core concepts of scripting using PowerShell How to use conditional statements and PowerShell loops How to combine scripting and commands And much more... Even if you are a complete beginner, this comprehensive guide is perfect for you as it will help you learn PowerShell fast. It is structured in a way that allows readers to understand the concepts using real-world situations as opposed to a textbook format. You'll be scripting like a pro in no time. Don't wait... Scroll up and click Buy Now With 1-Click or Buy Now to get started!

The Hitchhiker's Guide to Python takes the journeyman Pythonista to true expertise. More than any other language, Python was created with the philosophy of simplicity and parsimony. Now 25 years old, Python has become the primary or secondary language (after SQL) for many business users. With popularity comes diversity—and possibly dilution. This guide, collaboratively written by over a hundred members of the Python community, describes best practices currently used by package and application developers. Unlike other books for this audience, The Hitchhiker's Guide is light on reusable code and heavier on design philosophy, directing the reader to excellent sources that already exist.

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, Jeffrey 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 Understanding the new Microsoft Extension model for development Key Features Develop solutions for Dynamics 365 Business Central Orient yourself with the new Microsoft Extension model for development Learn modern ways to develop with Dynamics 365 Business Central Book Description Microsoft Dynamics 365 Business Central is the new SaaS ERP proposition from Microsoft. This latest version has many exciting features guaranteed to make your life easier. This book is an ideal guide to Dynamics 365 Business Central and will help you get started with implementing and designing solutions for real-world scenarios. This book will take you through the fundamental topics for implementing solutions based on Dynamics 365 Business Central (on-premise and SaaS). We'll see the core topics of the new development model (based on extensions) and we'll see how to create applications with the new Microsoft ERP proposition. The book begins by explaining the basics of Dynamics 365 Business Central and the Microsoft ERP proposition. We will then cover topics such as extensions, the new modern development model of Visual studio code, sandboxes, Docker, and many others. By the end of the book, you will have learned how to debug and compile extensions and to deploy them to the cloud and on-premise. You will also have learned how to create serverless business processes for Microsoft Dynamics 365 Business Central. What you will learn Develop solutions for Dynamics 365 Business

Central Create a sandbox for extensions development (local or on cloud) Use Docker with Dynamics 365 Business Central Create extensions for Dynamics 365 Business Central Handle dependencies, translations and reporting Deploy extensions on-premise and to the cloud Create serverless processes with Dynamics 365 Business Central Understand source code management for AL Who this book is for This book is for Microsoft Dynamics 365 Business Central solution developers and architects that needs to implement solutions based on the Microsoft's ERP (on-premise and SaaS).

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.

This book is a guide for you on how to use PowerShell 6.0. The book begins by explaining to you what PowerShell is and what it is used for. You are then guided on how to setup the PowerShell environment in your system. PowerShell 6.0 can run on Linux systems, hence, this book guides you on how to set it up on the various Linux systems. The various cmdlets (command-lets) supported in PowerShell are explored. You will learn how to use such cmdlets so as to accomplish a number of different tasks on your system. You will also learn how to play around with dates and times, dealing with files, including creating various types of files, moving them around directories, renaming the files, and even deleting them. The book also guides you on how to use PowerShell to play around with data contained in files of various types in the system.

You will learn how to read data contained in files of various types, as well as how to write data to such files from PowerShell. The book also teaches you how to write PowerShell scripts. Such scripts are very important; as they help you perform a lot from just a single script. The book also guides you on how to perform some common administrative tasks with PowerShell. A good example of this is the addition and removal of users from the system from PowerShell. You will also learn how to create your own modules in PowerShell, and then load them in the active memory. The following topics are discussed in this book: -Getting Started with PowerShell -The PowerShell Cmdlets -Saving and Importing Data -Scripting -Performing Administrative Tasks

PowerShell can save you a lot of time on Windows admin tasks -- but to use it effectively, you need to understand how it works. PowerShell is a command-line tool designed by Microsoft to run commands and scripts to change settings and automate tasks. In a way, it's similar to Command Prompt. However, PowerShell is a more capable command-line interface (CLI) that offers an extensive set of tools and more flexibility and control. Are you just getting started with PowerShell? Use this guide to create and run your first script file on Windows. There are a lot of different parts that come with the PowerShell language, and learning how to work with it can be a lot easier than you may think. Some of the topics that we are going to explore in this guidebook concerning PowerShell and all it can offer include: What is PowerShell How to get started with the commands How the pipelines work in this language. The different wildcards and operators that you can work with within PowerShell. The drives and the providers. How to work with the strings and the quotes. How to execute some of the commands that you need in PowerShell. How to format your data, handle objects, and create tables. How to work with PowerShell Remoting The beauty of multitasking in PowerShell. There are a lot of benefits to using PowerShell for some of your coding needs, and learning how to use this coding language for your needs, make sure to check out this guidebook to learn how to get started. Now if you are really serious about Powershell then Scroll Up and Click the Buy Now Button!

PowerShell - 2017 Simple User Guide For Beginners There's a ton of other technical guides out there that aren't clear and concise, and in my opinion use far too much jargon. My job is to teach you in simple, easy to follow terms how to get started and excel at PowerShell programming. You'll find my personal notes and tips peppered throughout the book, making it personal and easy to learn. Here is a preview of what you'll learn: Getting Started With PowerShell Re-direction & Piping PowerShell & Scripts Control Flow Statements Common Tasks & Cmdlets Take Action Today and Learn Powershell In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

PowerShell - A Comprehensive Beginner's Guide There's a ton of other technical guides out there that aren't clear and concise, and in my opinion use far too much jargon. My job is to teach you in simple, easy to follow terms how to get

started and excel at PowerShell programming. You'll find my personal notes and tips peppered throughout the book, making it personal and easy to learn. Here is a preview of what you'll learn: Getting Started With PowerShell Re-direction & Piping PowerShell & Scripts Control Flow Statements Common Tasks & Cmdlets Take Action Today and Learn Powershell In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Filled with practical examples and realistic exercises, The SQL Workshop will get you up to speed with the fundamentals of SQL. You'll learn how to use SQL queries and functions to create and manage relational databases, and apply your new skills to creatively solve real-world problems.

A quick start guide to visualize your Elasticsearch data Key Features Your hands-on guide to visualizing the Elasticsearch data as well as navigating the Elastic stack Work with different Kibana plugins and create effective machine learning jobs using Kibana Build effective dashboards and reports without any hassle Book Description The Elastic Stack is growing rapidly and, day by day, additional tools are being added to make it more effective. This book endeavors to explain all the important aspects of Kibana, which is essential for utilizing its full potential. This book covers the core concepts of Kibana, with chapters set out in a coherent manner so that readers can advance their learning in a step-by-step manner. The focus is on a practical approach, thereby enabling the reader to apply those examples in real time for a better understanding of the concepts and to provide them with the correct skills in relation to the tool. With its succinct explanations, it is quite easy for a reader to use this book as a reference guide for learning basic to advanced implementations of Kibana. The practical examples, such as the creation of Kibana dashboards from CSV data, application RDBMS data, system metrics data, log file data, APM agents, and search results, can provide readers with a number of different drop-off points from where they can fetch any type of data into Kibana for the purpose of analysis or dashboarding. What you will learn Explore how Logstash is configured to fetch CSV data Understand how to create index patterns in Kibana Become familiar with how to apply filters on data Discover how to create ML jobs Explore how to analyze APM data from APM agents Get to grips with how to save, share, inspect, and edit visualizations Understand how to find an anomaly in data Who this book is for Kibana 7 Quick Start Guide is for developers new to Kibana who want to learn the fundamentals of using the tool for visualization, as well as existing Elastic developers.

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.

The bestselling guide to Exchange Server, fully updated for the newest version Microsoft Exchange Server 2013 is touted as a solution for lowering the total cost of ownership, whether deployed on-premise or in the cloud. Like the earlier

editions, this comprehensive guide covers every aspect of installing, configuring, and managing this multifaceted collaboration system. It offers Windows systems administrators and consultants a complete tutorial and reference, ideal for anyone installing Exchange Server for the first time or those migrating from an earlier Exchange Server version. Microsoft Exchange Server 2013 is a messaging system that allows for access to e-mail, voicemail, and calendars from a variety of devices and any location, making it ideal for the enterprise. With more than 21,000 copies of earlier editions sold, this comprehensive guide offers systems administrators and consultants both a tutorial and a reference guide for installing and managing Exchange Server 2013. A team of Microsoft Certified Masters walks you step by step through planning and design, installation, administration and management, maintenance, and more. Mastering Microsoft Exchange Server 2013 is the complete reference for planning, installing, and maintaining the most popular e-mail server product available.

Puppet 5 Beginner's Guide, Third Edition is a practical guide that gets you up and running with the very latest features of Puppet 5. About This Book Develop skills to run Puppet 5 on single or multiple servers without hiccups Use Puppet to create and manage cloud resources such as Amazon EC2 instances Take full advantage of powerful new features of Puppet including loops, data types, Hieradata integration, and container management Who This Book Is For Puppet 5 Beginner's Guide, Third Edition is designed for those who are new to Puppet, including system administrators and developers who are looking to manage computer server systems for configuration management. No prior programming or system administration experience is assumed. What You Will Learn Understand the latest Puppet 5 features Install and set up Puppet and discover the latest and most advanced features Configure, build, and run containers in production using Puppet's industry-leading Docker support Deploy configuration files and templates at super-fast speeds and manage user accounts and access control Automate your IT infrastructure Use the latest features in Puppet 5 onward and its official modules Manage clouds, containers, and orchestration Get to know the best practices to make Puppet more reliable and increase its performance In Detail Puppet 5 Beginner's Guide, Third Edition gets you up and running with the very latest features of Puppet 5, including Docker containers, Hieradata, and Amazon AWS cloud orchestration. Go from beginner to confident Puppet user with a series of clear, practical examples to help you manage every aspect of your server setup. Whether you're a developer, a system administrator, or you are simply curious about Puppet, you'll learn Puppet skills that you can put into practice right away. With practical steps giving you the key concepts you need, this book teaches you how to install packages and config files, create users, set up scheduled jobs, provision cloud instances, build containers, and so much more. Every example in this book deals with something real and practical that you're likely to need in your work, and you'll see the complete Puppet code that makes it happen, along with step-by-step instructions for what to type and what output you'll see. All the examples are available in a GitHub repo for you to download and adapt for your own server setup. Style and approach This tutorial is packed with quick step-by-step instructions that are immediately applicable for beginners. This is an easy-to-read guide, to learn Puppet from scratch, that explains simply and clearly all you need to know to use this essential IT power tool, while

applying these solutions to real-world scenarios.

PowershellThe QuickStart Beginners GuideCreatespace Independent Publishing Platform

PowerShell - A Quick-Start Beginner's Guide Cmdlets are the heart-and-soul of Windows PowerShell, Microsoft's new command shell/scripting language. This series provides a task-based introduction to Windows PowerShell cmdlets: rather than focusing on the individual cmdlets themselves, the emphasis is on the tasks you can carry out using those cmdlets. These tasks include everything from reading and writing text files to managing event logs to sorting and filtering data. You'll find my personal notes and tips peppered throughout the book, making it personal and easy to learn. Here is a preview of what you'll learn: Getting Started With PowerShell Re-direction & Piping PowerShell & Scripts Control Flow Statements Common Tasks & Cmdlets Take Action Today and Learn Powershell In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. The first ebook in the series, Microsoft Azure Essentials: Fundamentals of Azure, introduces developers and IT professionals to the wide range of capabilities in Azure. The authors - both Microsoft MVPs in Azure - present both conceptual and how-to content for key areas, including: Azure Websites and Azure Cloud Services Azure Virtual Machines Azure Storage Azure Virtual Networks Databases Azure Active Directory Management tools Business scenarios Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the "Microsoft Azure Essentials" series.

The easiest way to learn Lua programming Key Features The easiest way to learn Lua coding Use the Lua standard libraries and debug Lua code Embed Lua as a scripting language using the Lua C API Book Description Lua is a small, powerful and extendable scripting/programming language that can be used for learning to program, and writing games and applications, or as an embedded scripting language. There are many popular commercial projects that allow you to modify or extend them through Lua scripting, and this book will get you ready for that. This book is the easiest way to learn Lua. It introduces you to the basics of Lua and helps you to understand the problems it solves. You will work with the basic language features, the libraries Lua provides, and powerful topics such as object-oriented programming. Every aspect of programming in Lua, variables, data types, functions, tables, arrays and objects, is covered in sufficient detail for you to get started. You will also find out about Lua's module system and how to interface with the operating system. After reading this book, you will be ready to use Lua as a programming language to write code that can interface with the operating system, automate tasks, make playable games, and much more. This book is a solid starting point for those who want to learn Lua in order to move onto other technologies such as Love2D or Roblox. A quick start guide is a focused, shorter title that provides a faster paced introduction to a technology. It is designed for people who don't need all the details at this point in their learning curve. This presentation has been streamlined to concentrate on the things you really need to know. What you will learn Understand the basics of programming the Lua language Understand how to use tables, the data structure that makes Lua so powerful Understand object-oriented programming in Lua using metatables Understand standard LUA libraries for math, file io, and more Manipulate string data using Lua Understand how to debug Lua applications

quickly and efficiently Understand how to embed Lua into applications with the Lua C API Who this book is for This book is for developers who want to get up and running with Lua. This book is ideal for programmers who want to learn to embed Lua in their own applications, as well as for beginner programmers who have never coded before.

Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. Summary You can be incredibly productive with Azure without mastering every feature, function, and service. Learn Azure in a Month of Lunches, Second Edition gets you up and running quickly, teaching you the most important concepts and tasks in 21 practical bite-sized lessons. As you explore the examples, exercises, and labs, you'll pick up valuable skills immediately and take your first steps to Azure mastery! This fully revised new edition covers core changes to the Azure UI, new Azure features, Azure containers, and the upgraded Azure Kubernetes Service. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Microsoft Azure is vast and powerful, offering virtual servers, application templates, and prebuilt services for everything from data storage to AI. To navigate it all, you need a trustworthy guide. In this book, Microsoft engineer and Azure trainer Iain Foulds focuses on core skills for creating cloud-based applications. About the book Learn Azure in a Month of Lunches, Second Edition, is a tutorial on writing, deploying, and running applications in Azure. In it, you'll work through 21 short lessons that give you real-world experience. Each lesson includes a hands-on lab so you can try out and lock in your new skills. What's inside Understanding Azure beyond point-and-click Securing applications and data Automating your environment Azure services for machine learning, containers, and more About the reader This book is for readers who can write and deploy simple web or client/server applications. About the author Iain Foulds is an engineer and senior content developer with Microsoft. Table of Contents PART 1 - AZURE CORE SERVICES 1 Before you begin 2 Creating a virtual machine 3 Azure Web Apps 4 Introduction to Azure Storage 5 Azure Networking basics PART 2 - HIGH AVAILABILITY AND SCALE 6 Azure Resource Manager 7 High availability and redundancy 8 Load-balancing applications 9 Applications that scale 10 Global databases with Cosmos DB 11 Managing network traffic and routing 12 Monitoring and troubleshooting PART 3 - SECURE BY DEFAULT 13 Backup, recovery, and replication 14 Data encryption 15 Securing information with Azure Key Vault 16 Azure Security Center and updates PART 4 - THE COOL STUFF 17 Machine learning and artificial intelligence 18 Azure Automation 19 Azure containers 20 Azure and the Internet of Things 21 Serverless computing PowerShell - The Complete Beginner's Guide There's a ton of other technical guides out there that aren't clear and concise, and in my opinion use far too much jargon. My job is to teach you in simple, easy to follow terms how to get started and excel at PowerShell programming. You'll find my personal notes and tips peppered throughout the book, making it personal and easy to learn. Here is a preview of what you'll learn: Getting Started With PowerShell Re-direction & Piping PowerShell & Scripts Control Flow Statements Common Tasks & Cmdlets Take Action Today and Learn Powershell In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Learn the basic tools and commands to write scripts in PowerShell 7. This hands-on guide is designed to get you up and running on PowerShell quickly - introducing interactive menus, reading and writing files, and creating code that talks over the network to other scripts, with mini games to facilitate learning. PowerShell for Beginners starts with an introduction to PowerShell and its components. It further discusses the various tools and commands required for writing scripts in PowerShell 7, with learning reinforced by writing mini games. You will learn how to use variables and conditional statements for writing scripts followed by loops and arrays. You will then work with functions and classes in PowerShell. Moving forward, you will go through the PowerShell Console, customizing the title and text colors. Along the way you will see how to read a key press and make sound in PowerShell. The final sections cover game engine layout, how to build a title screen, and implementing the game design using code flow, title screens, levels, and much more. After reading the book you will be able to begin working with PowerShell 7 scripts and understand how to use its tools and commands effectively. What You Will Learn Use Microsoft Visual Studio Code to develop scripts Understand variables, loops and conditional statements in PowerShell Work with scripts to develop a game Discover and use ASCII art generators Comprehend game objects and code Create client-server scripts that communicate over a network Read and write to files Capture input from the keyboard Make PowerShell speak words to help the visually impaired Create text-based adventure games Who This Book Is For Software developers who want to start working with PowerShell scripts.

The book serves as a first introduction to computer programming of scientific applications, using the high-level Python language. The exposition is example and problem-oriented, where the applications are taken from mathematics, numerical calculus, statistics, physics, biology and finance. The book teaches "Matlab-style" and procedural programming as well as object-oriented programming. High school mathematics is a required background and it is advantageous to study classical and numerical one-variable calculus in parallel with reading this book. Besides learning how to program computers, the reader will also learn how to solve mathematical problems, arising in various branches of science and engineering, with the aid of numerical methods and programming. By blending programming, mathematics and scientific applications, the book lays a solid foundation for practicing computational science. From the reviews: Langtangen ... does an excellent job of introducing programming as a set of skills in problem solving. He guides the reader into thinking properly about producing program logic and data structures for modeling real-world problems using objects and functions and embracing the object-oriented paradigm. ... Summing Up: Highly recommended. F. H. Wild III, Choice, Vol. 47 (8), April 2010 Those of us who have learned scientific programming in Python 'on the streets' could be a little jealous of students who have the opportunity to take a course out of Langtangen's Primer." John D. Cook, The Mathematical Association of America, September 2011 This book goes through Python in particular, and programming in general, via tasks that scientists will likely perform. It contains valuable information for students new to scientific computing and would be the perfect bridge between an introduction to programming and an advanced course on

numerical methods or computational science. Alex Small, IEEE, CiSE Vol. 14 (2), March /April 2012 “This fourth edition is a wonderful, inclusive textbook that covers pretty much everything one needs to know to go from zero to fairly sophisticated scientific programming in Python...” Joan Horvath, Computing Reviews, March 2015

Presents a guide on how to use Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

Summary Learn Windows PowerShell in a Month of Lunches, Third Edition is an innovative tutorial designed for busy IT professionals. This updated edition covers PowerShell features that run on Windows 7, Windows Server 2008 R2 and later, PowerShell v3 and later, and includes v5 features like PowerShellGet. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology PowerShell is both a scripting language and an administrative shell that lets you control and automate nearly every aspect of Windows. It accepts and executes commands interactively and you can write scripts to manage most Windows servers like Exchange, IIS, and SharePoint, as well as online services like Azure and Office 365. About the Book Learn Windows PowerShell in a Month of Lunches, Third Edition is an innovative tutorial designed for busy IT professionals. Just set aside one hour a day - lunchtime would be perfect - for a month, and you'll be automating Windows tasks faster than you ever thought possible. This updated edition covers PowerShell features that run on Windows 7, Windows Server 2008 R2 and later, PowerShell v3 and later, and includes v5 features like PowerShellGet. What's Inside Learn PowerShell from the beginning, no experience required! Covers PowerShell v3 and up, Windows 7, and Windows Server 2008 R2 and later Each lesson takes you an hour or less About the Reader Experience with Windows administration is helpful. No programming or scripting experience needed. About the Author Veteran PowerShell MVPs Don Jones and Jeffery Hicks bring years as successful trainers to this concise, easy-to-follow book. Table of Contents Before you begin Meet PowerShell Using the help system Running commands Working with providers The pipeline: connecting commands Adding commands Objects: data by another name The pipeline, deeper Formatting - and why it's done on the right Filtering and comparisons A practical interlude Remote control: one-to-one, and one-to-many Using Windows Management Instrumentation and CIM Multitasking with background jobs Working with many objects, one at a time Security alert! Variables: a place to store your stuff Input and output Sessions: remote control with less work You call this scripting? Improving your parameterized script Advanced remoting configuration Using regular expressions to parse text files Additional random tips, tricks, and techniques Using someone else's script Never the end PowerShell cheat sheet The World is changing rapidly and technology is at the very center of it. Technology is affecting our present. Technology drives and shapes our future. What better way to be part of that driving force than to learn the beating heart of all these

computers and application? Coding. The Coding Languages for Absolute Beginners series aims to be The go-to-guide for beginners to get started on programming and learn the coding skills you need to build the technology and drive the future you want. And the best part about it, you'll learn from scratch not just 1, 2, 3 but 6 Programming Languages! In this series, you'll learn the basics, techniques and best practices for the following coding languages: Arduino C++ C# Powershell Python SQL This comprehensive beginners guide to these 6 Programming Languages gives you everything you need to know to get started on coding, and much much more! Before you know it, you'll start seeing results on screen and your on your way to mastering any, if not all, of these programming languages! Start your coding journey now!

PowerShell - A Comprehensive Beginner's Guide Cmdlets are the heart-and-soul of Windows PowerShell, Microsoft's new command shell/scripting language. This series provides a task-based introduction to Windows PowerShell cmdlets: rather than focusing on the individual cmdlets themselves, the emphasis is on the tasks you can carry out using those cmdlets. These tasks include everything from reading and writing text files to managing event logs to sorting and filtering data. You'll find my personal notes and tips peppered throughout the book, making it personal and easy to learn. Here is a preview of what you'll learn: Getting Started With PowerShell Re-direction & Piping PowerShell & Scripts Control Flow Statements Common Tasks & Cmdlets Take Action Today and Learn Powershell In No Time! Click the "Buy now with 1-Click" to the right and get this guide immediately.

Easy to follow guide to learn the basics of Powershell - no previous experience required! This book, "PowerShell: The Quickstart Beginners Guide" will teach you everything that you need to know in order to get started programming with Microsoft Windows PowerShell. If you take the time to learn and practice what you learn within this book, you will find yourself programming with PowerShell in no time! This guide gives you instructions so you can start applying yourself and learning how to use PowerShell right from the start. All terms are broken down throughout the book so you won't be overwhelmed with any technical jargon. This book contains detailed knowledge and applicable steps on: * Getting PowerShell Up and Running * Scripts * Useful Tools to Help You Along The Way * How To Set PS Up For Automation * How To Remote Work with Windows PowerShell * Objects in PowerShell * Formatting * How To Customise Your PowerShell Profile Settings * What Are Variables * How To Get Rid of Unwanted Apps * How To Install PowerShell on Alternate OS * How To Change Your IP Address * How To Automatically Write Scripts * How To Rename a Bunch of Files at the Same Time * How To Kill a Process with PowerShell * How To Run Bash Within PowerShell * PowerShell and PowerGUI * Tools for IT Professionals * Advanced PowerShell Remoting * PowerShell Mistakes (That Everyone Makes) * Bash Scripts * Changing Your IP Address on Wired Connections If you're looking for the easiest way to teach yourself PowerShell then this book will be your best friend. Buy it on Amazon Prime now and start learning from

tomorrow! Tags: PowerShell, PowerShell Scripting, PowerShell For Beginners, Learn PowerShell, Windows PowerShell For Beginners, Computer Programming, Windows PowerShell, Microsoft Windows PowerShell, System Programming Summary Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server operations, including maintenance, backup and recovery, high availability, and performance monitoring. In about an hour a day over a month, you'll learn exactly what you can do, and what you shouldn't touch. Most importantly, you'll learn the day-to-day tasks and techniques you need to keep SQL Server humming along smoothly. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Microsoft SQL Server is used by millions of businesses, ranging in size from Fortune 500s to small shops worldwide. Whether you're just getting started as a DBA, supporting a SQL Server-driven application, or you've been drafted by your office as the SQL Server admin, you do not need a thousand-page book to get up and running. Learn SQL Server Administration in a Month of Lunches is the perfect way to get started with SQL Server. This concise, easy-to-read book skips academic introductions and teaches you day-to-day techniques for maintenance, backup and recovery, performance monitoring, and more. Each of the 21 short lessons gives you practical takeaways you'll use over and over. What's Inside Master the basics—indexes, logins, backup, recovery ... and more Learn what you can and cannot do when supporting a third-party application Monitor and improve performance Written by expert trainer and bestselling author Don Jones Accessible to readers of any level of experience, the book covers techniques for all versions of SQLServer 2005-2014. About the Author Don Jones is a Microsoft MVP, speaker, and trainer. He is the creator of the Month of Lunches series and author of over 50 books on PowerShell, IIS, Active Directory, SCCM, SQL Server, and more. Table of Contents Before you begin Server assessment and configuration T-SQL crash course Managing databases Backup and recovery Authentication: who are you? Authorization: what are you allowed to do? Accounting: what did you do? Analyzing indexes Maintaining indexes Tuning index designs Reading query execution plans Block and deadlock analysis Automating management with SQL Server Agent Multiserver management Windows PowerShell and SQL Server Using Extended Events Monitoring and analyzing performance Options for high availability Virtualizing SQL Server Moving, migrating, and upgrading databases SQL Server performance checklist Never the end

[Copyright: eb84a8236409119d1c4bc0a5df86b5b2](https://www.manning.com/books/sql-server-administration-in-a-month-of-lunches)