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Windows PowerShell 3.0 Step by Step-Ed Wilson 2013-02-15 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

Windows PowerShell 2 For Dummies-Steve Seguis 2009-08-10 Prepare for the future of Microsoft automation with this no-nonsense guide Windows PowerShell 2 is the scripting language that enables automation within the Windows operating system. Packed with powerful new features, this latest version is complex, and Windows PowerShell 2 For Dummies is the perfect guide to help system administrators get up to speed. Written by a Microsoft MVP with direct access to the program managers and developers, this book covers every new feature of Windows PowerShell 2 in a friendly, easy-to-follow format. Windows PowerShell 2 is the updated scripting language that enables system administrators to automate Windows operating

systems System administrators with limited scripting experience will find this book helps them learn the fundamentals of Windows PowerShell 2 quickly and easily Translates the jargon and complex syntax of Windows PowerShell 2 Covers script debugging improvements, the ability to invoke commands remotely, and the new user interface Uses real-world applications to clarify the theory, fundamentals, and techniques of the scripting language Written by a Microsoft MVP with direct access to the developers of Windows PowerShell 2 Windows PowerShell 2 For Dummies makes this tool easily accessible to administrators of every experience level.

Windows 7 Annoyances-David Karp 2010-05-04 Explains how to improve Windows 7 and do more with the software than Microsoft intended, with helpful information on setup, installation, upgrade from other Windows versions, the new interface, new security features, user accounts, troubleshooting, and In

Microsoft Windows 7 Unleashed-Paul McFedries 2009-07-14 Microsoft® Windows 7 Unleashed gives IT professionals, serious power users, and true geeks the powerhouse Windows 7 tweaks, hacks, techniques, and insights they need: knowledge that simply can't be found anywhere else. Top Windows expert Paul McFedries dives deep into Windows 7, returning with the most powerful ways to handle everything from networking to administration, security to scripting. McFedries begins with advanced customization, covering everything from startup/shutdown to the file system. He introduces new ways to tune Windows 7 performance, police Windows via Group Policies,

tweak the Registry, make the most of Windows 7's management tools, and control Windows 7 from the command line. You'll find thorough coverage of securing Windows 7, including detailed guidance on web and email security and hardening both wireless and wired networks. You'll also discover better ways to troubleshoot devices, networks, and startup; add Macs to Windows networks; and automate Windows administration with state-of-the-art scripting techniques. This book is packed with expert tips, tricks, and troubleshooting techniques drawn from McFedries' unsurpassed Windows experience. If you want maximum value and performance from your Windows 7 PCs, you won't find a more valuable resource. Customize everything about Windows 7: IE8, startup/shutdown, file systems, the Start menu, Taskbar, and more Systematically monitor, tune, and optimize Windows performance—including practical techniques for accelerating startup Set up an easy, automated 9-Step maintenance schedule for any Windows 7 PC Unleash Windows 7's power user tools, including Group Policies, the Registry, MMC, and the command line Secure Windows 7 with security settings: auto-lock, Windows Firewall, Windows Defender, parental controls, BitLocker encryption, and more Protect your web privacy with Windows 7's new InPrivate Browsing Solve problems with Windows 7, startup, networking, and hardware Set up reliable Windows 7 networks, and manage them efficiently Safely provide remote access and VPN connectivity Use Windows 7 as a Web server Program the Windows Scripting Host and Windows PowerShell ON THE WEB: Free Online Edition! When Microsoft releases the final product, you can get an updated edition of this book absolutely free! All examples and source code presented in this book

Group Policy-Jeremy Moskowitz 2010-05-13

Windows PowerShell 2.0 Bible-Thomas Lee 2011-09-26 Here's the complete guide to Windows PowerShell 2.0 for administrators and developers Windows PowerShell is Microsoft's next-generation scripting and automation language. This comprehensive volume provides the background that IT administrators and developers need in order to start using PowerShell automation in exciting new ways. It explains what PowerShell is, how to use the language, and specific ways to apply PowerShell

in various technologies. Windows PowerShell is Microsoft's standard automation tool and something that every Windows administrator will eventually have to understand; this book provides the background necessary to apply PowerShell automation. Covers how to use the language and specific ways to apply PowerShell in a variety of scenarios Addresses new features in the latest version of PowerShell and the additional functionality delivered by new products that provide direct or indirect ways to use PowerShell for scripting and automation purposes Explores the language fundamentals and how to use PowerShell for desktop, server, server application, and virtualization/cloud situations This thorough guide goes well beyond theory to offer real-world information and new scripting techniques, enabling administrators and developers to make the most of PowerShell 2.0.

Professional Windows 7 Development Guide-John Paul Mueller 2011-01-25

Windows PowerShell Step by Step-Ed Wilson 2015-10-13 Your hands-on guide to Windows PowerShell scripting fundamentals Expand your expertise--and teach yourself the fundamentals of Windows PowerShell scripting, including features available in Windows PowerShell 5. If you are an IT professional, power user, or consultant, you'll get the guidance, exercises, and code you need to master core techniques for automating Windows setup, deployment, and management. Discover how to: Run cmdlets and command-line utilities Administer Windows-based servers and desktops with built-in cmdlets Use providers to access external information Write and run scripts from the Windows ISE Create functions that are easy to maintain Build standardized environments with profiles Automate Windows systems with WMI, CIM cmdlets, and remoting Automate Active Directory Domain Services (AD DS) Debug scripts and handle errors Run commands that survive interruptions Use Desired State Configuration (DSC) to manage software services and their environments Get powerful new modules from PowerShell Gallery About You This book is for: IT professionals and power users who want to get productive with Windows PowerShell, including new features in Windows PowerShell 5 Windows system administrators who want to be more efficient and productive Anyone pursuing

Windows PowerShell certifications No experience with Windows PowerShell or other scripting technologies necessary

PowerShell 7 for IT Professionals-Thomas Lee 2020-12-22 Take advantage of everything Microsoft's new PowerShell 7 has to offer PowerShell 7 for IT Pros is your guide to using PowerShell 7, the open source, cross-platform version of Windows PowerShell. Windows IT professionals can begin setting up automation in PowerShell 7, which features many improvements over the early version of PowerShell Core and Windows PowerShell. PowerShell 7 users can enjoy the high level of compatibility with the Windows PowerShell modules they rely on today. This book shows IT professionals—especially Windows administrators and developers—how to use PowerShell7 to engage in their most important tasks, such as managing networking, using AD/DNS/DHCP, leveraging Azure, and more. To make it easy to learn everything PowerShell 7 has to offer, this book includes robust examples, each containing sample code so readers can follow along. Scripts are based on PowerShell 7 running on Windows 10 19H1 or later and Windows Server 2019. • Learn to navigate the PowerShell 7 administrative environment • Use PowerShell 7 to automate networking, Active Directory, Windows storage, shared data, and more • Run Windows Update, IIS, Hyper-V, and WMI and CIM cmdlets within PowerShell 7 • Understand how to handle reporting in the new PowerShell 7 environment PowerShell 7 for IT Pros provides exclusive coverage of using PowerShell with both cloud-based systems and virtualized environments (Hyper V and Azure). Written by PowerShell veteran Thomas Lee, this is the only book you'll need to get started with PowerShell 7.

Windows PowerShell 2.0 Best Practices-Ed Wilson 2009-12-16 Apply best practices for automating system administration with Windows PowerShell 2.0 and optimize your operational efficiency and results. This guide captures the field-tested tips, real-world lessons, and candid advice of practitioners across the range of business and technical scenarios and across the scripting life cycle. Discover how to: Take advantage of new features and cmdlets in Windows PowerShell 2.0 Plan scripting usage scenarios and define standards Deploy Windows

PowerShell 2.0 to desktops and servers Configure scripting environments Optimize remote scripting capabilities Work with Active Directory and WMI Design functions and modules Optimize input and output Handle errors Document scripts Test and troubleshoot scripts Avoid scripting pitfalls The companion CD includes a fully searchable eBook and sample scripts. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

PowerShell 7 for IT Professionals-Thomas Lee 2020-12-01 Take advantage of everything Microsoft's new PowerShell 7 has to offer PowerShell 7 for IT Pros is your guide to using PowerShell 7, the open source, cross-platform version of Windows PowerShell. Windows IT professionals can begin setting up automation in PowerShell 7, which features many improvements over the early version of PowerShell Core and Windows PowerShell. PowerShell 7 users can enjoy the high level of compatibility with the Windows PowerShell modules they rely on today. This book shows IT professionals—especially Windows administrators and developers—how to use PowerShell7 to engage in their most important tasks, such as managing networking, using AD/DNS/DHCP, leveraging Azure, and more. To make it easy to learn everything PowerShell 7 has to offer, this book includes robust examples, each containing sample code so readers can follow along. Scripts are based on PowerShell 7 running on Windows 10 19H1 or later and Windows Server 2019. • Learn to navigate the PowerShell 7 administrative environment • Use PowerShell 7 to automate networking, Active Directory, Windows storage, shared data, and more • Run Windows Update, IIS, Hyper-V, and WMI and CIM cmdlets within PowerShell 7 • Understand how to handle reporting in the new PowerShell 7 environment PowerShell 7 for IT Pros provides exclusive coverage of using PowerShell with both cloud-based systems and virtualized environments (Hyper V and Azure). Written by PowerShell veteran Thomas Lee, this is the only book you'll need to get started with PowerShell 7.

MCTS Windows 7 Configuration Study Guide-William Panek 2010-07-23 Prepare for certification in Windows 7 configuration with this all-new study guide This comprehensive book

guides readers through preparation for Microsoft's brand new MCTS: Windows 7, Configuring exam (70-680). You'll find 100% coverage of all exam objectives; practical, real-world scenarios; hands-on exercises, and challenging review questions, both in the book and on the CD included with the book. Prepares you for the new exam 70-680, the Microsoft Certified Technology Specialist certification for Windows 7; Windows 7 is Microsoft's new operating system releasing in late 2009 Shows you how to install, configure, and maintain Windows 7 for the exam Covers upgrading and migrating; deploying Windows 7; configuring hardware applications, network connectivity, access to resources, and mobile computing; monitoring and maintaining; handling backup and recovery, and more This is the ideal guide to prepare you for Microsoft's new Windows 7 certification.

Windows PowerShell Fast Start 2nd Edition-Smart Brain Training Solutions 2016-01-12 Need a precise, focused training guide for Windows PowerShell? Get this Fast Start guide to quickly learn Windows PowerShell fundamentals. Regardless of whether you are an IT manager, developer, administrator or an advanced user, this Fast Start guide will help you learn the essential concepts needed to successfully work with Windows PowerShell. Covers all versions of Windows PowerShell, including PowerShell 3.0, 4.0 and 5.0. Use this guide with all current releases of Windows and Windows Server, including Windows 7, Windows 8.1, Windows 10, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

Getting Started with PowerShell-Michael Shepard 2015-08-27 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 7 Administrator's Pocket Consultant-William Stanek 2009-08-26 Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day

administration of Windows 7—from desktop configuration and management to networking and security issues. Zero in on core support and maintenance tasks by using quick-reference tables, instructions, and lists. You'll get the precise information you need to solve problems and get the job done—whether at your desk or in the field!

Mastering PowerShell Scripting-Chris Dent
2021-06-29 Grasp advanced PowerShell 7.1 functionalities for effective automation of your environment Key Features Automate complex tasks, manipulate data, and secure your environment Work with dual code for PowerShell 7 and Windows PowerShell to maintain compatibility with older versions See PowerShell in action, from learning the fundamentals to creating classes, scripts, and modules Book Description PowerShell scripts offer a convenient way to automate various tasks, although working effectively with these scripts can be challenging. Mastering PowerShell Scripting helps you to navigate through PowerShell's capabilities. This extensively revised edition includes new chapters on debugging and troubleshooting and creating GUIs (online chapter). Learn the new features of PowerShell 7.1 by working with parameters, objects, and .NET classes from within PowerShell 7.1. This comprehensive guide starts with the basics before moving on to advanced topics, including asynchronous processing, desired state configuration, using more complex scripts and filters, debugging issues, and error-handling techniques. Explore how to efficiently manage substantial amounts of data and interact with other services using PowerShell 7.1. This book will help you to make the most of PowerShell's automation features, using different methods to parse data, manipulate regular expressions, and work with Windows Management Instrumentation (WMI). What you will learn Optimize code with functions, switches, and looping structures Test and debug your scripts as well as raising and catching errors Work with objects and operators to test and manipulate data Parse and manipulate different data types Use jobs, runspaces, and runspace pools to run code asynchronously Write .NET classes with ease within PowerShell Create and implement regular expressions in PowerShell scripts Make use of advanced techniques to define and restrict the behavior of parameters Who this book is for This book is for system administrators who want to automate and speed up their processes using

PowerShell and Windows PowerShell. Some familiarity with operating systems would be useful, but not essential.

Windows 7 Step by Step-Joan Lambert
2009-09-16 Experience learning made easy—and quickly teach yourself the essentials of working with Windows 7. With STEP BY STEP, you set the pace—building and practicing the skills you need, just when you need them! Learn to manage windows and folders, sort and filter files, create an efficient Windows working environment, and safely access the Internet. You'll learn how to install and manage software and hardware, create and manage homegroups, share content with other computers and computer users, and instantly locate content stored on your PC or network. You'll also learn how to fine-tune your PC's performance and resolve common problems. Plus, the supplied practice files give you a chance to hone your skills and put the book's lessons to work. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

PowerShell in Practice-Richard Siddaway
2010-06-07 Windows PowerShell is a scripting language that simplifies Windows system administration. PowerShell in Practice is a hands-on reference for administrators wanting to learn and use PowerShell. Following the "in Practice" style, individual related techniques are clustered into chapters. Each technique is presented in the form: problem, solution, discussion, and includes annotated code listings. Written to answer the question "How can PowerShell make my job as an administrator easier?" this book concentrates on practical tasks and automation. Starting with an a brief tutorial and review, the majority of the book focuses on two major PowerShell usage areas: People - user accounts, mailboxes, desktop configuration; and Servers - Active Directory, Exchange, IIS, and more. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book.

Learn Windows PowerShell in a Month of Lunches-Don Jones
2016-12-22 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

Windows Server 2019 & PowerShell All-in-One For Dummies-Sara Perrott 2019-04-30
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.

Windows 7 Inside Out, Deluxe Edition-Ed Bott 2011-07-15 Dive deeper into Windows 7—with new content and new resources on CD! The Deluxe Edition of the ultimate, in-depth reference to Windows 7 has been fully updated for SP1 and Internet Explorer 9, and features 300+ pages of additional coverage and advanced topics. It's now packed with even more timesaving solutions, troubleshooting tips, and workarounds from the experts—and includes a fully searchable eBook and other online resources. Topics include installation, configuration, and setup; network connections and troubleshooting; remote access; managing programs; controlling user access and accounts; advanced file management; working with Internet Explorer 9; managing security features and issues; using Windows Live Essentials 2011; performance monitoring and tuning; backups and maintenance; sharing networked resources; hardware and device drivers. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Windows PowerShell Cookbook-Lee Holmes 2010-08-20 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-Don Jones 2006 Scripting gurus Jones and Hicks teach readers PowerShell from the ground up. They cover its underlying technologies, flexible scripting language, and enough of the .NET Framework to be effective in PowerShell scripting. (Computer Books)

Troubleshooting Windows Server with PowerShell-Derek Schauland 2016-04-29 This book shows you how to use PowerShell to quickly pinpoint, diagnose, and solve problems with your Windows Server environment, reducing the need for external tools, and ensuring you stay up-to-date with PowerShell as it quickly becomes one of the most useful tools in an administrator's toolkit. Authors Derek Schauland and Donald Jacobs take you through a range of examples, showing you how to gather information from different computer sources. Whether you are logged into the server locally or just wanting to check the status of a server from your local computer, the right PowerShell cmdlets can give you a lot of information quickly, and allow you to troubleshoot your servers from the command line with little interaction with the server's desktop. In this book, you'll learn how PowerShell can help you: Understand PowerShell versus the GUI Gather information from Windows event logs Gather information from your server, including memory, hardware configurations, and disk space available Find out what applications are installed on a server Find out which Windows updates have been installed on your computer Check the processes running on your computer and gather information about them, or start and stop them from the command line Quickly check if services are running, and stop or start them as needed Who This Book Is For Windows Administrators, IT Professionals and support personnel needing ways to quickly find and troubleshoot issues in their environment using the included tools. Those entering IT or wishing to develop their PowerShell skills will also benefit from this book.

Microsoft PowerShell, VBScript and JScript Bible-William R. Stanek 2011-02-14 Packed with more than 300 sample scripts and an extensive collection of library functions, this essential scripting book is the most thorough guide to Windows scripting and PowerShell on the market. You'll examine how Windows scripting is changing the face of system and network

administration by giving everyday users, developers, and administrators the ability to automate repetitive tasks. Plus, this is the first time that VBScript, Jscript, and Powershell are all covered in a single resource.

Microsoft Windows 7 in Depth-Robert Cowart 2010 Provides a collection of solutions, techniques, and shortcuts to get the most out of Microsoft Windows 7, covering such topics as managing files, printing, gadgets, networking, Windows Media Center, Internet Explorer 8, and Windows Live Mail.

Microsoft Windows 7 Administrator's Reference-Jorge Orchilles 2010-06-03 Microsoft Windows 7 Administrators Reference covers various aspects of Windows 7 systems, including its general information as well as installation and upgrades. This reference explains how to deploy, use, and manage the operating system. The book is divided into 10 chapters. Chapter 1 introduces the Windows 7 and the rationale of releasing this operating system. The next chapter discusses how an administrator can install and upgrade the old operating system from Windows Vista to Windows 7. The deployment of Windows 7 in an organization or other environment is then explained. It also provides the information needed to deploy Windows 7 easily and quickly for both the administrator and end users. Furthermore, the book provides the features of Windows 7 and the ways to manage it properly. The remaining chapters discuss how to secure Windows 7, as well as how to troubleshoot it. This book will serve as a reference and guide for those who want to utilize Windows 7. Covers Powershell V2, Bitlocker, and mobility issues Includes comprehensive details for configuration, deployment, and troubleshooting Consists of content written for system administrators by system administrators

Windows 7 Resource Kit-Mitch Tulloch 2010 In-depth and comprehensive, this RESOURCE KIT delivers the information you need to administer your Windows 7 system. You get authoritative technical guidance from those who know the technology best—Microsoft Most Valuable Professionals (MVPs) and the Windows 7 product team—along with essential scripts and resources. In addition, “Direct from the Source” sidebars offer deep insights and troubleshooting

tips from the Windows 7 team. Get expert guidance on how to: Use Microsoft Deployment Toolkit best practices and tools. Plan user-state migration and test application compatibility. Exploit new Group Policy features, settings, and ADMX templates. Configure software updates and client-security technologies. Administer disks, file systems, file sharing, search, and Windows Internet Explorer® 8. Install and troubleshoot printers, devices, and services. Manage IPsec, IPv6, wireless, and remote connectivity. Use performance monitoring and diagnostic tools to manage desktop health. Resolve common startup, hardware, and networking issues. CD features: Sample VBScript scripts and Windows PowerShell™ scripts Troubleshooting tools Links to toolkits, documentation, and white papers Fully searchable eBook of this guide Complete eBook of INTRODUCING WINDOWS SERVER® 2008 Sample chapters from related Microsoft Press® books A Note Regarding the CD or DVD The print version of this book ships with a CD or DVD. For those customers purchasing one of the digital formats in which this book is available, we are pleased to offer the CD/DVD content as a free download via O'Reilly Medias Digital Distribution services. To download this content, please visit O'Reillys web site, search for the title of this book to find its catalog page, and click on the link below the cover image (Examples, Companion Content, or Practice Files). Note that while we provide as much of the media content as we are able via free download, we are sometimes limited by licensing restrictions. Please direct any questions or concerns to booktech@oreilly.com.

Guide to Parallel Operating Systems with Windows 10 and Linux-Ron Carswell

2015-01-26 Readers examine two of the most prominent operating systems -- Windows 10 and Linux CentOS7 -- in parallel with the unique approach found only in GUIDE TO PARALLEL OPERATING SYSTEMS WITH WINDOWS 10 AND LINUX, 3E. Rather than using a compare and contrast model, the book presents each topic conceptually before demonstrating it simultaneously on both operating systems. Readers can instantly switch between Windows 10 and Linux CentOS 7 to complete the myriad of hands-on activities that reinforce the similarities between the two operating systems for each conceptual task. The text's virtualization approach provides flexibility that enables readers to use Microsoft Hyper-V Client, Oracle

VirtualBox, or VMWare Workstation. This comprehensive guide helps users develop the competencies needed in Windows 10 and Linux to maximize success in today's classroom or tomorrow's business environment. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Automating SharePoint 2010 with Windows PowerShell 2.0-Gary Lapointe 2011-06-01

Authoritative coverage of the latest version of Microsoft's fastest-selling product Imagine being able to perform a task that requires dozens of clicks with just a single command, or automate a series of identical tasks rather than repeat them. This book shows you how to do just that?and more?by using Windows PowerShell cmdlets with SharePoint 2010. Focused on everyday and frequently performed tasks, this invaluable guide provides PowerShell solutions for maintaining a SharePoint environment and explains how more than 500 cmdlets that come with SharePoint 2010 allows you to automate just about anything. Step-by-step instructions walk you through the necessary concepts and real-world examples enhance your learning process. Highlights the ways in which PowerShell cmdlets take the tedium out of executing frequently performed commands in SharePoint 2010 by automating everyday tasks Explains how to install and configure a SharePoint environment Details the steps for deploying and managing Web applications, site collections, authentication, and solution packages Shows you how to manage operational settings and back up and restore data Automating SharePoint 2010 with Windows PowerShell 2.0 helps you save time and effort performing common tasks so that you can be more productive.

Windows PowerShell Pocket Reference-Lee Holmes 2012-12-21 "Portable help for PowerShell scripters"--Cover.

Windows PowerShell in Action-Bruce Payette 2011 A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

The PowerShell Conference Book-Mike Robbins 2018-09-12 This book is designed to be

like a conference in a book where each chapter is written by a different author who is a subject matter expert on the topic covered in their chapter. Each chapter is also independent of the others so you can read one chapter, ten chapters, or all of them. You can start with the first chapter, the last one, or somewhere in-between and not miss out on anything related to that particular topic. This book is written for the intermediate to advanced audience. Prior experience with PowerShell is highly recommended. 100% of the royalties from this book are donated to the PowerShell + DevOps Global Summit's OnRamp Scholarship Program. Learn more at PowerShellSummit.org.

Windows PowerShell Unleashed-Tyson Kopczynski 2008-12-04 PowerShell gives Windows administrators immense power to automate and customize virtually any administrative task—saving time, increasing productivity, and giving you unprecedented flexibility. PowerShell 2.0 adds important new features that offer even greater control over Windows environments. Windows PowerShell Unleashed will not only give you deep mastery over PowerShell but also a greater understanding of the features being introduced in PowerShell 2.0—and show you how to use it to solve your challenges in your production environment. The authors begin by systematically illuminating PowerShell's core concepts and techniques, helping you leverage whatever Windows scripting experience you may already have. Next, using complete, easy-to-adapt examples, they show how to use PowerShell to manage file systems, permissions, the Registry, WMI objects, Active Directory, Exchange Server, and many other elements of the Windows environment. More than half of this edition's material and examples have been completely rewritten for PowerShell 2.0, and the authors have added seven entirely new chapters—covering security, PowerShell application development, Systems Center Operations Manager 2007, and much more. Whatever Windows systems you manage, Windows PowerShell Unleashed contains the scripts and techniques you need to manage them far more effectively. Install, configure, and customize PowerShell 2.0 and master its command line interface Discover proven best practices for PowerShell scripting Make the most of PowerShell cmdlets—especially the new cmdlets included in PowerShell 2.0 Leverage

PowerShell's deep .NET Framework integration Secure your scripts using code signing, execution policies, and PowerShell's built-in security Use custom script functions to manage permissions more efficiently Control the registry locally and remotely and use PowerShell's powerful new registry transactions Use PowerShell as a management interface Automate Exchange Server 2007 administrative tasks Automate the management of Microsoft's new System Center Operations Manager 2007 Preview the forthcoming Graphical PowerShell scripting environment Understand how to manage Active Directory using PowerShell Master using PowerShell with WMI Learn PowerShell 2.0 remoting

Microsoft Windows 7-Chris Fehily 2009-09-08 This concise guide covers every edition of Windows 7 in Visual QuickStart style, with plenty of screenshots, numbered steps, tips, and sidebars. You'll learn how to use new and updated features, including the redesigned taskbar; jump lists; libraries; federated search; desktop gadgets; window-management shortcuts; and the improved versions of Internet Explorer, Mail, Messenger, Photo Gallery, Movie Maker, and Media Player. You'll also find information on setup; installation; upgrading from other Windows versions; troubleshooting; hardware; and organizing your documents, music, photos, and videos. Laptop and mobile users will learn how to connect from the road, jump onto a public wireless network, and conserve battery power. Author Chris Fehily also walks you through setting up a network or homegroup, connecting to the internet, configuring routers and firewalls, and hooking up printers and other devices. You'll learn how to use security features to protect your PC and network and share files while keeping personal stuff private.

PowerShell in Depth-Don Jones 2014-10-31 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

Microsoft System Center Introduction to Microsoft Automation Solutions-Rob Costello 2014-12-02 This book provides you with an introduction to the Microsoft automation solutions: Azure Automation and Service Management Automation. Throughout the chapters, the text explores these tools and how they can be used to meet the automation needs of your Microsoft Azure cloud solutions or your enterprise datacenter environments. We provide considerations on the features of each solution, and how they can be architected to fit your needs. Next, the text explores the interfaces you will use to interact with the solutions, including the web-based portals, Windows PowerShell command-line interaction, and programmatic access via the web services. The text then covers how you implement and manage automation using runbooks, assets, and Integration Modules, along with how you can use a source control system to manage runbook content. Finally, some examples of automation scenarios are discussed, providing you with samples that can be used to speed development in your own solution.

Mastering Windows PowerShell Scripting-Brenton J.W. Blawat 2015-04-27 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.

PowerShell for Sysadmins-Adam Bertram 2020 With PowerShell, you can automate tasks with scripts without having to learn the complicated ins and outs of programming. After you familiarise yourself with PowerShell's intuitive syntax, you'll apply your knowledge by designing and developing scripts for lots of daily situations IT personnel find themselves in every day. You'll then end with learning how to build a large project to automate server deployments from scratch written completely in PowerShell. Unlock the possibilities with PowerShell!

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