

## Windows Powershell 2 0 Pro Digitallifestyle

**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 definitive guide to automating SQL Server administration with Powershell scripts If you're a SQL Server database administrator, this book will make your**

**life easier. Windows PowerShell is an administrative scripting tool that allows you to automate many tasks you're probably currently doing by hand. This nuts-and-bolts guide shows you how to create Windows PowerShell scripts to administer almost every aspect of SQL Server. You'll get a thorough introduction to PowerShell basics and all the PowerShell components that have been integrated into SQL Server 2008, as well as actual administration tasks. The book provides complete scripts that have been tested and proven, saving you hours of effort. The new release of Microsoft SQL Server 2008 now includes Windows PowerShell, allowing administrators of large-scale enterprise databases to automate many tasks SQL Server 2008 Administration with Windows PowerShell introduces you to PowerShell, covering its components in detail as well as providing basic instruction in using scripts to administer the database The book includes numerous examples of SQL tasks that have been automated and also provides completed scripts that you can put to use immediately The Companion Web site includes complete code scripts**

**If you're a database administrator, the scripts and techniques in SQL Server 2008 Administration with Windows PowerShell will save you hours of effort. Focused content on automating the user authentication and authorization tool for Windows environments Automation helps make administration of computing environments more manageable. It alleviates the repetition of repeating frequent tasks and automates just about any task for Active Directory, Windows PowerShell 2.0. Focused on everyday and frequently performed tasks, this indispensable guide provides you with the PowerShell solutions for these tasks. Solutions are presented in a step-by-step format so that you can fully grasp how the new Active Directory module for PowerShell provides command-line scripting for administrative, configuration, and diagnostic tasks. Walks you through the processes and tools required to automate everyday tasks Offers PowerShell solutions for maintaining a Windows Server 2008 R2 environment Includes real-world examples, explanations of concepts, and step-by-step solutions This unique book**

**allows you to work more efficiently and effectively and keep up with the ever-increasing demands from businesses. Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to**

**understand what particular cmdlets do  
Utilise the pipeline to perform typical  
data manipulation Package your code in  
scripts, functions, and modules Solve  
common problems using basic file  
input/output functions Find system  
information with WMI and CIM Automate  
IIS functionality and manage it using the  
WebAdministration module In Detail  
Windows PowerShell is a task-based  
command-line shell and scripting  
language designed specifically for system  
administration. Built on the .NET  
Framework, Windows PowerShell helps  
IT professionals and power users control  
and automate the administration of the  
Windows operating system and  
applications that run on Windows.  
PowerShell is great for batch importing  
or deleting large sets of user accounts  
and will let you collect a massive amount  
of detailed system information in bulk via  
WMI (Windows Management  
Instrumentation). Getting Started with  
PowerShell is designed to help you get up  
and running with PowerShell, taking you  
from the basics of installation, to writing  
scripts and web server automation. This  
book, as an introduction to the central**

**topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots.**

**Windows PowerShell 2 For Dummies**

**Microsoft Windows Powershell 2.0**

**Programming for the Absolute Beginner**

**Windows PowerShell 2.0 Administrator's  
Pocket Consultant**

**Windows PowerShell Best Practices**

## **Professional Windows 7 Development Guide**

*This book is written for Windows professionals who are familiar with PowerShell and want to learn to build, operate, and administer their Windows workloads in the Microsoft cloud. Pro PowerShell for Microsoft Azure is packed with practical examples and scripts, with easy-to-follow explanations for a wide range of day-to-day needs and essential administration tasks. Author Sherif Talaat begins by explaining the fundamental concepts behind the Microsoft Azure platform and how to get started configuring it through PowerShell. Readers will find out how to deploy, configure and manage the various components of the Azure platform, from storage and virtual networks to Azure Web Sites, HDInsight clusters and the Azure SQL Database. Workload automation, scheduling and resource management are covered in depth to help build efficiency in everyday tasks, and administrators will gain full control over Azure identity and access rights using Azure Active Directory and Rights Management Services. Put your PowerShell skills to good use and ensure that your applications and data are available anywhere at any time, with Pro PowerShell for Microsoft Azure. What You'll Learn Create and manage virtual networks and VPNs using PowerShell. Configure and maintain Azure Storage accounts, blobs, and containers. Provision and manage a redundant Windows or Linux server. Deploy and configure your sites in the cloud using Microsoft Azure Web Sites. Provision Apache Hadoop clusters in the cloud using Azure HDInsight. Deploy, configure and manage a*

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*Microsoft Azure SQL Database. Protect and secure identities and resources with Azure Active Directory and Azure Rights Management Services. Who This Book Is For This is book is for the intermediate to advanced Windows professional who is ready to make the leap to the cloud.*

*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.*

*Providing you with the programmer's approach to understanding Windows PowerShell, this book introduces the concepts, components, and development techniques for building software packages that leverage the power of PowerShell. The author team of PowerShell experts shows you how PowerShell makes writing code*

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*easy by providing a runtime engine with its own parser, plus you'll discover that with PowerShell, all of the .NET Framework objects become accessible via scripting, making PowerShell a very powerful addition to your toolbox and a popular choice for future development. Microsoft SharePoint 2010 and Windows PowerShell 2.0: Expert Cookbook is a concise and above all advanced cookbook, with practical expert recipes for SharePoint and PowerShell automation. If you are a SharePoint administrator or IT Pro who wants to extend your knowledge of PowerShell automation, this book is a must have. You should have a solid grasp of working with SharePoint and PowerShell respectively.*

*Pro Windows PowerShell*

*Professional SharePoint 2013 Administration eBook And SharePoint-videos.com Bundle*

*Windows Powershell In Action*

*Windows Server 2019 & PowerShell All-in-One For Dummies*

*Microsoft Sharepoint 2010 and Windows Powershell 2.0*

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

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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.

Expert recommendations, pragmatically applied. Automate system  
administration using Windows PowerShell best practices—and  
optimize your operational efficiency. With this practical guide,  
Windows PowerShell expert and instructor Ed Wilson delivers field-  
tested tips, real-world examples, and candid advice culled from  
administrators across a range of business and technical scenarios. If  
you're an IT professional with Windows PowerShell experience,  
this book is ideal. Discover how to: Use Windows PowerShell to  
automate Active Directory tasks Explore available WMI classes and  
methods with CIM cmdlets Identify and track scripting  
opportunities to avoid duplication Use functions to encapsulate  
business logic and reuse code Design your script's best input  
method and output destination Test scripts by checking their syntax  
and performance Choose the most suitable method for running  
remote commands Manage software services with Desired State  
Configuration

Professional SharePoint 2013 Administration eBook And  
SharePoint-videos.com Bundle

Pro Team Foundation Service gives you a jump-start into  
Microsoft's cloud-based Application Lifecycle Management  
platform, taking you through the different stages of software  
development. Every project needs to plan, develop, test and release  
software and with agile practices often at a higher pace than ever  
before. Microsoft's Team Foundation Service is a cloud-based  
platform that gives you tools for agile planning and work tracking.

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It has a code repository that can be used not only from Visual Studio but from Java platforms and Mac OS X. The testing tools allow testers to start testing at the same time as developers start developing. The book also covers how to set up automated practices such as build, deploy and test workflows. This book: Takes you through the major stages in a software development project. Gives practical development guidance for the whole team. Enables you to quickly get started with modern development practices. With Microsoft Team Foundation Service comes a collaboration platform that gives you and your team the tools to better perform your tasks in a fully integrated way. What you'll learn What ALM is and what it can do for you. Leverage a cloud-based ALM platform for quick improvements in your development process. Improve your agile development process using integrated tools and practices. Develop automated build, deployment and testing processes. Integrate different development tools with one collaboration platform. Get started with ALM best-practices first time round. Who this book is for Pro Team Foundation Service is for any development team that wants to take their development practices to the next level.

Microsoft Team Foundation Service is an excellent platform for managing the entire application development lifecycle and being a cloud-based offering it is very easy to get started. Pro Team Foundation Service is a great guide for anyone in a team who wants to get started with the service and wants to get expert guidance to do it right. Table of Contents Introduction to Application Lifecycle Management Introduction to Agile Planning, Development, and Testing Deciding on a Hosted Service Getting Started Working with the Initial Product Backlog Managing Team and Alerts Initial Sprint Planning Running the Sprint Kanban Engaging the Customer Choosing Source Control Options Working with Team Foundation Version Control in Visual Studio Working with Git in Visual Studio Working in Heterogeneous Environments Configuring Build Services Working with Builds Customizing Builds Continuous Deployment Agile Testing Test Management Lab Management

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Snapins, Cmdlets, Hosts and Providers

Expert Cookbook

Professional Windows PowerShell Programming

Pro PowerShell for Microsoft Azure

Professional Microsoft SQL Server 2012 Administration

Learn to automate the top server operating system, Windows Server 2008 R2 Windows PowerShell 2.0 allows you to automate nearly any task for managing Windows Server, going from dozens of clicks to a single command, and repeated tasks to automated tasks. Using screen shots and helpful exercises, this book walks you through the many benefits of automating Windows Server with PowerShell 2.0, such as allowing for scalable, flexible, and rapid deployments and changes; increasing cost effectiveness; providing a timely return on IT investment; lowering labor headcount; creating secure computing environments; and establishing reliable enterprise infrastructures. In addition, real-world examples provide reinforced learning, aimed at ensuring that you work as efficiently and effectively as possible by automating both simple and complex administrative tasks with Powershell 2.0. Explains how to automate both simple and complex tasks in Windows Server 2008 R2 with Powershell 2.0 Addresses how Windows Server 2008 R2 comes with more than 550 cmdlets, allowing you to automate nearly anything Offers numerous real-world examples, end-of-chapter exercises, and helpful screen shots to reinforce your learning process The power is in your hands! Start working smarter, not harder, by automating Windows Server 2008 R2 tasks with Powershell 2.0.

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An essential how-to guide for experienced DBAs on the most significant product release since 2005! Microsoft SQL Server 2012 will have major changes throughout the SQL Server and will impact how DBAs administer the database. With this book, a team of well-known SQL Server experts introduces the many new features of the most recent version of SQL Server and deciphers how these changes will affect the methods that administrators have been using for years. Loaded with unique tips, tricks, and workarounds for handling the most difficult SQL Server admin issues, this how-to guide deciphers topics such as performance tuning, backup and recovery, scaling and replication, clustering, and security. Serves as a must-have how-to guide on the new features of the 2012 release of Microsoft SQL Server Walks you through ways to manage and monitor SQL Server and automate administration Guides you through SQL Azure for cloud computing, data replication, and data warehouse performance improvements Addresses client-connectivity enhancements, new features that ensure high availability of mission-critical applications, and tighter integration with Excel and SharePoint for data analysis and reporting Highlights major changes to the suite of SQL Server BI tools, including integration, reporting, and analysis services Includes real-world case examples and best practices from Microsoft insiders If you're a database administrator eager to get started with the newest version of SQL Server, then this book is essential reading.

This book will teach you all about Windows Server AppFabric, a set of extensions to Windows Server that

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allow it to function as a lightweight, application server. The combination of Windows Server and AppFabric provides an easy-to-manage platform for developing, deploying, and reliably hosting middle-tier WCF/WF services. Windows Server AppFabric fills an important vacuum left in the wake of COM and COM+'s demise as the .NET platform has risen to prominence. Provided as an extension to Internet Information Services (IIS), the built-in application server frees you from having to create your own Windows services to perform application hosting. Instead, you can take advantage of plumbing and infrastructure that Microsoft provides for you, freeing you to focus on just your business logic while still being able to deploy n-tier solutions on Windows Server. In this way, Windows Server AppFabric solves the problem of developing, deploying, and reliably hosting middle-tier WCF/WF services. If you're an experienced developer, you'll want to learn about Windows Server AppFabric fast, without a lot of reading. And that's what this book is all about. It cuts to the chase and shows you the simplicity and elegance that combine to form Windows Server AppFabric, getting you up to speed fast, so that you can take advantage of all the platform has to offer. 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

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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

AUTOMATING MICROSOFT WINDOWS SERVER 2008  
R2 ADMINISTRATION WITH WINDOWS  
POWERSHELL 2.0

TFM

Windows PowerShell 3.0 First Steps

Microsoft SQL Server 2008 Administration with Windows PowerShell

Windows PowerShell 2.0

*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*

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*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.*

*Thorough coverage of the improvements and changes to SharePoint 2010 SharePoint 2010 boasts a variety of incredible new features that will challenge even the most experienced administrator who is upgrading from SharePoint 2007. Written by a team of SharePoint experts, this book places a takes aim at showing you how to make these new features work right for you. Offering an in-depth look at SharePoint 2010, the authors focus on how SharePoint functionality has changed from its earliest version to its newest, and they provide you with detailed coverage of all the new features and capabilities. Presents in-depth coverage of the new features and functions of SharePoint 2010 Demonstrates installation, configuration, and upgrading existing SharePoint 2007 servers Discusses architecture and capacity*

*planning, securing and managing site content, and integrating Office clients Details the protocol for handling monitoring, creating backups, and executing disaster recovery Addresses shared service applications, navigation and governance, and business intelligence and reporting services Professional SharePoint 2010 presents a solid understanding of the functionality that SharePoint 2010 provides, which will allow you to see what it can do for you.*

*Hands-on troubleshooting methods on the most recent release of SQL Server The 2012 release of SQL Server is the most significant one since 2005 and introduces an abundance of new features. This critical book provides in-depth coverage of best practices for troubleshooting performance problems based on a solid understanding of both SQL Server and Windows internals and shows experienced DBAs how to ensure reliable performance. The team of authors shows you how to master the use of specific troubleshooting tools and how to interpret their output so you can quickly identify and resolve any performance issue on any server running SQL Server. Covers the core technical topics required to understand how SQL Server and Windows should be working Shares best practices so that you know how to proactively monitor and avoid problems Shows how to use tools to quickly gather, analyze, and effectively respond to the source of a system-wide performance issue Professional SQL Server 2012 Internals and Troubleshooting helps you to quickly become familiar with the changes of this new release so that you can best handle database performance and troubleshooting. Portable and precise, this pocket-sized guide delivers ready answers for automating everyday system-administration tasks with Windows PowerShell. Zero in on core commands and techniques using quick-reference tables, instructions, and lists.*

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*You'll get the focused information you need to save time and get the job done—whether at your desk or in the field. Get fast facts to: Run core cmdlets—singly or in sequence—to streamline daily tasks Execute remote commands and background jobs Inventory computers; tweak configurations; manage domains Configure server roles, role services, and features Manage and troubleshoot TCP/IP networking Administer file systems, directories, and print services Implement security settings, event logs, and auditing Read and write registry values Automate system monitoring and performance tuning Extend Windows PowerShell with snap-ins and module extensions*

*Getting Started with Citrix® Provisioning Services 7.0*

*Automating SharePoint 2010 with Windows PowerShell 2.0*

*FAST Search, SharePoint Search, and Search Server*

*Pro Team Foundation Service*

*Automating Microsoft Windows Server 2008 R2 with Windows PowerShell 2.0*

This practical guide helps you to administer Citrix Provisioning Services. Each chapter is structured in way to help you easily understand the various features, with accompanying practical examples that help beginners to quickly understand the product. This book is a useful guide for an admin/engineer who is new to the Citrix virtualization solution and provisioning service, and who is looking to get a good grounding in Citrix PVS. It's assumed that you will

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have some understanding of the basics of virtualization already, but that's all you need to know!

Microsoft® Windows™ PowerShell is a helpful scripting technology that enables the automation of system management tasks and the creation of system management tools. PowerShell runs on Windows XP, 2003, 2008, and Vista. Unlike traditional Windows shell scripting, PowerShell scripting is object-based and is designed to work with the .NET Framework. This completely updated edition of Microsoft Windows PowerShell Programming for the Absolute Beginner teaches aspiring programmers Windows PowerShell scripting whether they're using Windows PowerShell 1.0 or 2.0. To help make learning fun and interesting, you will learn how to program through the development of computer games, and you will develop a new game that reinforces a newly learned concept in each chapter. It's the easiest way to learn! By the time you have finished the book, not only will you have access to a collection of working sample scripts, you also will have laid a foundation

upon which you can begin to tackle real-world challenges and new languages. 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 PowerShell in Action was written by Bruce Payette, one of the founding members of the Windows PowerShell team, co-designer of the PowerShell language and the principal author of the PowerShell language implementation. This book is a tutorial for sysadmins and developers introducing the PowerShell language and its environment. It shows you how to build scripts and utilities to automate system tasks or create powerful system management tools to handle the day-to-day tasks that drive a Windows administrator's life. It's rich in interesting examples that will spark your imagination. The book covers batch scripting and string processing, COM, WMI, and even .NET and WinForms programming.

- Welcome to PowerShell.
- The basics.
- Working with types.
- Operators and expressions.
- Advanced operators and variables.
- Flow control in scripts.
- Functions and scripts.
- Scriptblocks and objects.
- Errors, exceptions, and script debugging.
- Processing text, files, and XML.
- Getting fancy-.NET and WinForms.

Windows objects: COM and WMI· Security,  
security, security

Windows PowerShell 2.0 Best Practices

Windows PowerShell Step by Step

Automating Active Directory

Administration with Windows PowerShell  
2.0

Getting Started with PowerShell

Microsoft SharePoint 2010 and Windows  
Powershell 2. 0

***Learn to take advantage of the opportunities offered by SQL Server 2014 Microsoft's SQL Server 2014 update means big changes for database administrators, and you need to get up to speed quickly because your methods, workflow, and favorite techniques will be different from here on out. The update's enhanced support of large-scale enterprise databases and significant price advantage mean that SQL Server 2014 will become even more widely adopted across the industry. The update includes new backup and recovery tools, new AlwaysOn features, and enhanced cloud capabilities. In-memory OLTP, Buffer Pool Extensions for SSDs, and a new Cardinality Estimator can improve functionality and smooth out the workflow, but only if you understand their full capabilities. Professional Microsoft SQL***

***Server 2014 is your comprehensive guide to working with the new environment. Authors Adam Jorgensen, Bradley Ball, Ross LoForte, Steven Wort, and Brian Knight are the dream team of the SQL Server community, and they put their expertise to work guiding you through the changes. Improve oversight with better management and monitoring Protect your work with enhanced security features Upgrade performance tuning, scaling, replication, and clustering Learn new options for backup and recovery Professional Microsoft SQL Server 2014 includes a companion website with sample code and efficient automation utilities, plus a host of tips, tricks, and workarounds that will make your job as a DBA or database architect much easier. Stop getting frustrated with administrative issues and start taking control. Professional Microsoft SQL Server 2014 is your roadmap to mastering the update and creating solutions that work.***

***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)***

***Get started with this powerful Windows***

***administration tool Automate Windows administration tasks with ease by learning the fundamentals of Windows PowerShell 3.0. Led by a Windows PowerShell expert, you'll learn must-know concepts and techniques through easy-to-follow explanations, examples, and exercises. Once you complete this practical introduction, you can go deeper into the Windows PowerShell command line interface and scripting language with Windows PowerShell 3.0 Step by Step. Discover how to: Create effective Windows PowerShell commands with one line of code Apply Windows PowerShell commands across several Windows platforms Identify missing hotfixes and service packs with a single command Sort, group, and filter data using the Windows PowerShell pipeline Create users, groups, and organizational units in Active Directory Add computers to a domain or workgroup with a single line of code Run Windows PowerShell commands on multiple remote computers Unleash the power of scripting with Windows Management Instrumentation (WMI) 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 provided 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.**

**Windows PowerShell 3.0 Step by Step**

***Professional Microsoft Search  
Windows PowerShell 2.0 Bible  
Essential PowerShell***

***Professional SharePoint 2010 Administration***

Describes the concepts, components, and development techniques of Windows PowerShell to enable users to build software packages and applications.

Rychlý zdroj informací pro zaneprázdněné administrátory. Toužíte poznat tajná zázkoutí PowerShellu 2.0 a nechcete složitě a zdlouhavě hledat na Internetu? Chcete se tento skriptovací jazyk naučit od českého odborníka a školitele, který v této knize shrmlá ždílnou sbírku nejúčinnějších skriptů a postupů? Přesně pro vás zkušební autor připravil publikaci, která kromě jedinečného obsahu vyniká metodickou zručností: za každou podkapitolou naleznete shrnutí problémů a látky a důležité body, které je vhodné si zapamatovat. Za každou kapitolu navíc autor zařadil otázky a odpovědi, takže si ihned můžete vyzkoušet, nakolik jste výklad s praktickými příklady pochopili. V knize naleznete mimo jiné tato témata: - Spouštění příkazů a skriptů v PowerShellu - Lokální vzdálené zpracování událostí v PowerShellu - Správa služeb ve Windows - Práce s certifikáty, místními úty a skupinami - Správa síťové konfigurace Windows - Sdílení složek a tiskáren - Propojení PowerShellu se službou Active

Directory - Objekty Group Policy - Databáze v PowerShellu Ke knize je příloha, určená k samostatnému stažení, na které naleznete všechny skripty z knihy, užitečné nástroje (například PowerGUI, AD Cmdlets, SDM GPMC PowerShell Cmdlets 1.3, Primal Forms Community Edition a další) a ještě jednu knihu o PowerShellu ve formátu PDF, na jejíž stránku v níž některých z těchto autor navazuje. O autorovi: Patrik Malina (Mgr., MCSE, MCT) je dlouholetým lektorem počítačové školy Gopas a specialistou na správu sítí s produkty společnosti Microsoft. Podílel se na tvorbě a výuce kurzů z oblasti nejpopulárnější správy systémem Windows, dále se vnuje implementací projektů především v oblasti Active Directory a automatizace pomocí skriptů. Je členem sdružení WUG a dlouhodobě se zabývá technologiemi a filozofií skriptování nejen ve Windows. Stránky autora knihy: <http://patrikmalina.eu> Blog autora knihy (připomínky ke knize, další články nejen o PowerShellu) <http://patrikmalina.cz>  
Use PowerShell to Streamline and Automate Your Most Time-Consuming Windows Administration Tasks With Windows PowerShell, Microsoft brings innovative console-based system administration and scripting to Windows clients and servers. PowerShell combines the best features of traditional UNIX shells with the immense power of the .NET Framework, offering a consistent and

easy-to-use replacement for both the Windows command line and the Windows Script Host. In Essential PowerShell, noted expert Holger Schwichtenberg gives Windows sysadmins all the knowledge and sample scripts they need to successfully administer production systems with PowerShell. Schwichtenberg begins by introducing the innovative PowerShell architecture, along with crucial PowerShell concepts such as pipelining and navigation. Next, he introduces the PowerShell Script Language, shows the secure execution of command sequences as scripts, and demonstrates how to use PowerShell to access essential operating system interfaces such as COM, WMI, ADSI, and ADO.NET. After you 've mastered the fundamentals, Schwichtenberg presents an extensive collection of PowerShell solutions for virtually every area of day-to-day administration. For each topic, he presents dozens of self-contained examples, all downloadable from a companion Web site. He covers both Microsoft ' s standard PowerShell commandlets and the free commandlets available as PowerShell Community Extensions. He also presents a full chapter of tips, tricks, and troubleshooting solutions. Coverage includes Understanding PowerShell ' s components and features Setting up your PowerShell scripting environment Creating and using commandlets Using object-oriented pipelining for filtering, sorting, grouping, comparisons, calculations, and more Mastering PowerShell ' s uniform navigation

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model and using it with all types of data  
Programming command sequences with the  
PowerShell Script Language Making the most of  
the PowerShell console and third-party tools  
Managing processes, event logs, and registry  
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software installation Manipulating Active Directory  
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Market\_Desc: Primary: Windows

administrators--those new to PowerShell and transitioning from Powershell 1.0 to 2.0.

Secondary: Developers. Special Features: ·

GROWING POWERSHELL USERS: PowerShell is

the management tool all Windows administrators

will have to eventually use, as it is a software

requirement for installing Windows Server 2008

R2 (as well as other Microsoft core infrastructure products) and there are administrative tasks that

can only be done with PowerShell. ·

AUTOMATION IS AN IT TREND: Gartner predicts

by 2013, 35% of system administration will be

automated, and in 2018, there will be a huge and

fast shift to automation with 55% of processes

being automated. · STRONG AUTHOR

PLATFORM: Matthew Hester is an IT Pro

Evangelist for Microsoft, is heavily involved with

the IT Pro community and has been for over 15

years, and presents to audiences all around the

world. · UNIQUE CONTENT: Unlike the

competition, this book provides screen casts for

exercises that appear at the end of each chapter.

The screen casts presents the exercise solutions,

talking and walking the reader step by step through

the exercises. (Solutions are available inside the

book as well.) · #1 SERVER OPERATING

SYSTEM: Windows Server is the top network

operating system in the world. About The Book:

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Windows PowerShell 2.0 allows you to automate nearly any task for managing Windows Server, going from dozens of clicks to a single command, and repeated tasks to automated tasks. Using screen shots and helpful exercises, this book walks you through the many benefits of automating Windows Server with PowerShell 2.0, such as allowing for scalable, flexible, and rapid deployments and changes; increasing cost effectiveness; providing a timely return on IT investment; lowering labor headcount; creating secure computing environments; and establishing reliable enterprise infrastructures. In addition, real-world examples provide reinforced learning, aimed at ensuring that you work as efficiently and effectively as possible by automating both simple and complex administrative tasks with Powershell 2.0.

Professional Windows PowerShell

Windows PowerShell

Professional SQL Server 2012 Internals and Troubleshooting

Professional Microsoft SQL Server 2014 Administration

Jak vyžr á t na Microsoft Windows PowerShell 2.0

Here is your best companion to the capabilities and power that PowerShell offers. Inside this book, you'll discover the object-oriented features of the shell and how they help in extracting and manipulating data. You'll then learn how to use those

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features to solve real-world problems: manipulating files, working with text, monitoring systems, and performing operations over the network. In addition, you'll find freely available tools and extensions that help you get results with Windows PowerShell fast.

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