Automating Microsoft Windows Server 2008 R2 With Windows Powershell 20

Automating Microsoft Azure with PowerShellWindows Server 2008 Administrator's Pocket ConsultantMicrosoft Windows Server Administration EssentialsMicrosoft SQL Server 2008 Administration with Windows PowerShellActive DirectoryActive Directory CookbookAutomating Active Directory Administration with Windows PowerShell 2.0Windows Server 2016 Unleashed (includes Content Update Program)Windows Server 2008 How-To, e-PubMicrosoft SQL Server 2008 Administration with Windows PowerShellMicrosoft Windows Server 2012 Administration Instant ReferenceWindows Server 2008 Resource KitComplete Guide to Windows Server 2008, TheAutomating Active Directory Administration with Windows Powershell 2.0Exam 98-349 MTA Windows Operating System FundamentalsWindows Server® 2008 Inside OutMicrosoft Windows Operating System EssentialsSecurity Strategies in Windows Platforms and ApplicationsMicrosoft Windows Server 2008 R2 Administrator's ReferenceLearning System Center App ControllerDeploying and Administering Windows Vista BibleMCTS Microsoft Windows 7 Configuration Study Guide, Study GuideWindows Server 2008 R2 Hyper-VWindows Small Business Server 2008 UnleashedMCSA Windows Server 2016 Complete Study GuideMastering Hyper-V DeploymentWindows Server 2008 Inside OutActive Directory with PowerShellMicrosoft Windows Server

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Automating Microsoft Azure with PowerShell

To help you take full advantage of Active Directory, this fourth edition of this bestselling book gives you a thorough grounding in Microsoft's network directory service. With Active Directory, you'll learn how to design, manage, and maintain an AD infrastructure, whether it's for a small business network or a multinational enterprise with thousands of resources, services, and users. This detailed and highly accurate volume covers Active Directory from its origins in Windows 2000 through Windows Server 2008. But unlike typical dry references, Active Directory presents concepts in an easy-to-understand, narrative style. With this book, you will: Get a complete review of all the new Windows 2008 features Learn how Active Directory works with Exchange and PowerShell

Take advantage of the updated scripting and programming chapters to automate AD tasks Learn how to be more efficient with command-line tools Grasp concepts easily with the help of numerous screenshots and diagrams Ideal for administrators, IT professionals, project managers, and programmers alike, Active Directory is not only for people getting started with AD, it's also for experienced users who need to stay up-to-date with the latest AD features in Windows Server 2008. It is no wonder this guide is the bestselling AD resource available.

Windows Server 2008 Administrator's Pocket Consultant

The one book you absolutely need to get up and running with Windows Server 2008 R2. One of the world's leading Windows authorities and top-selling author Mark Minasi explores every nook and cranny of the latest version of Microsoft's flagship network operating system, Windows Server 2008 R2, giving you the most in-depth coverage in any book on the market. Focuses on Windows Windows Server 2008 R2, the newest version of Microsoft's Windows' server line of operating system, and the ideal server for new Windows 7 clients Author Mark Minasi is one of the world's leading Windows authorities and has taught tens of thousands of people to design and run Windows networks Covers Windows storage concepts and skills, Windows Server 2008 IP, WINS, NetBIOS, LMHosts, DNS, creating the simple Active Directory, and creating and managing user accounts Explains Group Policy in Active Directory; files, folders and

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shares; Sysvol, old and new; sharing printers on the network; remote server administration; connecting Windows clients to your network; working the Web with IIS 7.0; and AD maintenance and recovery Provides workarounds for things that don't quite work as they should and how-tos for many undocumented features Find out everything you want to know-and then some!

Microsoft Windows Server Administration Essentials

Now updated for Windows Server 2008 R2, this practical, portable guide delivers ready answers for the day-to-day administration of Windows Server 2008. It includes coverage of Windows Server 2008 R2 enhancements, including Hyper-V with Live Migration, Direct Access Infrastructure, Branch Cache, Windows PowerShell 2.0, the new Active Directory console, and more. Zero in on core support and administration tasks using quick-reference tables, instructions, and lists. You ll get the focused information you need to solve problems and get the job done whether at your desk or in the field! Get fast facts to: Set up server roles and deploy Windows Server 2008 Configure and maintain Active Directory Create user and group accounts; control rights and permissions Manage file systems, drives, and RAID arrays Configure TCP/IP networking and DHCP and DNS clients and servers Troubleshoot printers and print servers Monitor and tune network performance Prepare a disaster plan; back up and restore servers

Microsoft SQL Server 2008 Administration with Windows PowerShell

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! More than 90 percent of individuals, students, educators, businesses, organizations, and governments use Microsoft Windows, which has experienced frequent attacks against its well-publicized vulnerabilities. Written by an industry expert, Security Strategies in Windows Platforms and Applications focuses on new risks, threats, and vulnerabilities associated with the Microsoft Windows operating system. Particular emphasis is placed on Windows XP, Vista, and 7 on the desktop, and Windows Server 2003 and 2008 versions. It highlights how to use tools and techniques to decrease risks arising from vulnerabilities in Microsoft Windows operating systems and applications. The book also includes a resource for readers desiring more information on Microsoft Windows OS hardening, application security, and incident management. With its accessible writing style, and step-by-step examples, this must-have resource will ensure readers are educated on the latest Windows security strategies and techniques.

Active Directory

Check out the new Hyper-V, find new and easier ways to remotely connect back into the office, or learn all about Storage Spaces—these are just a few of the features in Windows Server 2012 R2 that are

explained in this updated edition from Windows authority Mark Minasi and a team of Windows Server experts led by Kevin Greene. This book gets you up to speed on all of the new features and functions of Windows Server, and includes real-world scenarios to put them in perspective. If you're a system administrator upgrading to, migrating to, or managing Windows Server 2012 R2, find what you need to do the job in this complete resource. Learn all about: Installing or upgrading to and managing Windows Server 2012 R2 Understanding Microsoft NIC teams 2012 and PowerShell Setting up via GUI or updated Server Core 2012 Migrating, merging, and modifying your Active Directory Managing address spaces with IPAM Understanding new shared storage, storage spaces, and better tools Controlling access to file shares—a new and improved approach Using and administering Remote Desktop, Virtual Desktop, and Hyper-V®

Active Directory Cookbook

NOTE: As the response to the coronavirus (COVID-19) continues to evolve rapidly around the world, Microsoft has announced that it's extending the retirement date of the current MCSA Windows Server 2016 certification until January 31, 2021. Pearson VUE has temporarily closed many of its testing centers worldwide in response to global government regulations to battle the spread of COVID-19. As an alternative to taking your exam at a testing center, online proctoring is available, which allows you to take your certification exam in the comfort of your

own home or office. Instead of taking the required exams at a Pearson VUE testing center near you, Pearson VUE will be offering only online proctored exams for the foreseeable future. This means you will have more time to prepare for the current exams: 70-740: Installation, Storage, and Compute with Windows Server 2016 70-741: Networking with Windows Server 2016 70-742: Identity with Windows Server 2016 To help you prepare for the exams, our Study Guides are available for purchase. Over 1,000 pages of comprehensive exam prep for the entire MCSA Windows Server 2016 certification process MCSA Windows Server 2016 Complete Study Guide is your ultimate companion on the journey to earning the MCSA Windows Server 2016 certification. Covering required Exams 70-740, 70-741, and 70-742, plus preparing you to take the composite upgrade Exam 70-743 (not covered separately in this book), this Study Guide walks you through 100 percent of all exam objectives to help you achieve complete readiness. Hands-on exercises strengthen your practical skills, and real-world scenarios help you understand how these skills are used on the job. Over 500 practice questions allow you to test your understanding along the way, and the online test bank gives you access to electronic flashcards, practice exams, and over an hour of expert video demonstrations. From basic networking concepts and services to Active Directory and Hyper-V, this guide provides full coverage of critical MCSA concepts and skills. This new edition has been updated for the latest MCSA Windows Server 2016 exam releases, featuring coverage of all the objective domains. This value-priced guide is three books in one, giving you

the most comprehensive exam prep experience for all required MCSA exams. Whether you're starting from the beginning, or upgrading from the MCSA Windows Server 2012 R2 certification, arm yourself with the ultimate tool for complete and comprehensive preparation. Study 100 percent of the objectives for all three MCSA exams, plus the upgrade exam Practice your skills using hands-on exercises and real-world scenarios Test your knowledge with over 500 challenging practice questions Access online study aids including flashcards, video demos, and more! The MCSA exams test your knowledge and skill in installation, configuration, deployment, and administration using a variety of networking tools. The scope is broad, but your complete understanding of the most up-to-date concepts and practices is critical to your success on the exam—and on the job. MCSA Windows Server 2016 Complete Study Guide covers everything you need to know, and gives you the tools to help you learn it.

Automating Active Directory Administration with Windows PowerShell 2.0

Efficiently prepare for the Windows Server 2008 certification exam with MCTS: Windows Server 2008 Network Infrastructure Configuration: Exam 70-642, a comprehensive study tool that will guide you through everything you need to know for the test. This study guide includes 100% coverage of the exam objectives, real world scenarios, hands-on exercises, and challenging review questions, both in the book

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and on the CD. With Microsoft's release of Windows Server 2008 and a new generation of certification exams, you have more reason than ever to certify your expertise. For Instructors: Teaching supplements are available for this title.

Windows Server 2016 Unleashed (includes Content Update Program)

Fast, accurate answers for common Windows Server questions Serving as a perfect companion to all Windows Server books, this reference provides you with quick and easily searchable solutions to day-to-day challenges of Microsoft's newest version of Windows Server. Using helpful design features such as thumb tabs, tables of contents, and special heading treatments, this resource boasts a smooth and seamless approach to finding information. Plus, quick-reference tables and lists provide additional on-the-spot answers. Covers such key topics as server roles and functionality, user and group maintenance, directory management and replication, and backup and recovery Addresses automating administrative tasks and managing server remote access Helps you with disk management and storage, folder security, and performance tuning Walks you through common troubleshooting issues as well as maintaining and controlling the centralized desktop Microsoft Windows Server 2012 Administration Instant Reference is a must-have resource for finding quick answers quickly!

Windows Server 2008 How-To, e-Pub

Learn how to conquer Windows Server 2008—from the inside out! Designed for system administrators, this definitive resource features hundreds of timesaving solutions, expert insights, troubleshooting tips, and workarounds for administering Windows Server 2008—all in concise, fast-answer format. You will learn how to perform upgrades and migrations, automate deployments, implement security features, manage software updates and patches, administer users and accounts, manage Active Directory directory services, and more. With INSIDE OUT, you'll discover the best and fastest ways to perform core administrative tasks, with an award-winning format that makes it easy to find exactly the tips, troubleshooting solutions, and workarounds you need. Plus, the companion CD comes packed with a fully searchable eBook and more than 100 timesaving tools and scripts. With INSIDE OUT, you get all muscle and no fluff! For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Microsoft SQL Server 2008 Administration with Windows PowerShell

Windows Small Business Server 2008 provides all the tools small companies need to improve collaboration, enhance productivity, and manage and secure all their information. In this book, a team of leading SBS experts brings together the in-depth knowledge and real-world insights you need to make the most of this state-of-the-art product. Microsoft Most Valuable Professionals Eriq Neale and his colleagues cover

every facet of planning, deploying, and managing SBS 2008. The authors begin by showing how to install and configure SBS 2008 for maximum efficiency, performance, and ease of administration. You'll learn how to securely utilize SBS 2008's comprehensive Internet, file, and print services; simplify and automate both server and workstation management; and take full advantage of both SharePoint collaboration and Exchange communication tools. This book is packed with expert tips, tricks, and troubleshooting techniques drawn from the authors' unsurpassed experience helping companies succeed with SBS. Whether you're a full-time IT professional or a power user who's managing SBS in your spare time, it will be your most valuable resource. Detailed information on how to Plan, install, configure, and customize SBS 2008 in any environment Set up and manage SBS 2008-based networks, Web access, and collaboration—including SharePoint Services 3.0 Leverage Remote Web Workplace and other advanced remote access solutions Manage email and other communications with SBS 2008's built-in Microsoft Exchange Server 2007 Centrally control Windows Vista, Windows XP, and other clients Seamlessly integrate Macintosh computers into your Windows network Protect your servers and workstations against both internal and external threats Prepare backups and disaster recovery plans you can actually use in an emergency Streamline and automate administration using Microsoft PowerShell

Microsoft Windows Server 2012 Administration Instant Reference

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 and automates just about any task for Active Directory, Windows PowerShell 2.0. Focused on everyday and frequently performed tasks, this indispensable guide provides you with the PowerShell solutions for these tasks. Solutions are presented in a step-by-step format so that you can fully grasp how the new Active Directory module for PowerShell provides command-line scripting for administrative, configuration, and diagnostic tasks. Walks you through the processes and tools required to automate everyday tasks Offers PowerShell solutions for maintaining a Windows Server 2008 R2 environment Includes real-world examples, explanations of concepts, and step-by-step solutions This unique book allows you to work more efficiently and effectively and keep up with the ever-increasing demands from businesses.

Windows Server 2008 Resource Kit

Learn how to conquer Windows Server 2008—from the inside out! Designed for system administrators, this definitive resource features hundreds of timesaving solutions, expert insights, troubleshooting tips, and workarounds for administering Windows Server 2008—all in concise, fast-answer format. You will learn how to perform upgrades and migrations, automate deployments, implement security features,

manage software updates and patches, administer users and accounts, manage Active Directory® directory services, and more. With INSIDE OUT, you'll discover the best and fastest ways to perform core administrative tasks, with an award-winning format that makes it easy to find exactly the tips, troubleshooting solutions, and workarounds you need. Plus, the companion CD comes packed with a fully searchable eBook and more than 100 timesaving tools and scripts. With INSIDE OUT, you get all muscle and no fluff! 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 OReilly Medias Digital Distribution services. To download this content, please visit OReillys 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.

Complete Guide to Windows Server 2008, The

Take the guesswork out of deploying, administering, and automating Active Directory. With hundreds of proven recipes, the updated edition of this popular cookbook provides quick, step-by-step solutions to common (and not so common) problems you might

encounter when working with Microsoft's network directory service. This fourth edition includes troubleshooting recipes for Windows Server 2012, Windows 8, and Exchange 2013, based on valuable input from Windows administrators. You'll also find quick solutions for the Lightweight Directory Access Protocol (LDAP), Active Directory Lightweight Directory Services (AD LDS), multi-master replication, DNS, Group Policy, and many other features. Manage new AD features, such as the Recycle Bin, Group Managed Service Accounts, and fine-grained password policies Work with AD from the command line and use Windows PowerShell to automate tasks Remove and create forests, domains, and trusts Create groups, modify group scope and type, and manage membership Delegate control, view and modify permissions, and handle Kerberos tickets Import and export data with LDAP Data Interchange Format (LDIF) Synchronize multiple directories and enforce data integrity within a single or multiple stores Back up AD, and perform authoritative and non-authoritative restores

Automating Active Directory Administration with Windows Powershell 2.0

Covers the essentials of Windows 7 administration along with review questions and lab exercises.

Exam 98-349 MTA Windows Operating System Fundamentals

Although analysts expect the majority of enterprises to tread slowly into migration, there certainly will be early adopters, as there are with any system or device. Because Microsoft has announced that it will support Windows 2000 only until the year 2010, enterprises using older versions of Windows will not have much time for leisurely testing and pilot projects before they need to seriously consider migrating to and deploying Windows Vista. Deploying Windows Vista will require an entirely new set of skills for IT departments called on to migrate from older versions of Windows. Any IT professional looking to the future of their enterprise network deployment will benefit from the advice, tips, and reliable information contained in this resource. The book covers all the important security issues that are top of mind in today's IT world, as well as troubleshooting practices to help get issues resolved in less time. A valuable CD ROM contains tools and utilities to help IT professionals as they deploy Windows Vista for the first time.

Windows Server® 2008 Inside Out

Maintain a dynamic, reliable, and secure Windows Server 2008 environment Exploit the powerful management, networking, and security tools in Windows Server 2008 using the comprehensive information contained in this real-world resource. Written by a seasoned Windows systems engineer, Microsoft Windows Server 2008 Administration lays out each feature alongside clear explanations, practical examples, and hands-on exercises. Inside,

you'll learn how to deploy Windows Server 2008, use the new, integrated Server Manager tool, handle Internet services and remote access, and fine-tune performance. You'll also learn how to automate administrative tasks, create reliable system backups, and harden your server's defenses. Perform typical and Server Core installations of Windows Server 2008 Modify system and component settings using the new Server Manager Administer users, groups, and computers with Active Directory Deliver robust web and FTP hosting using IIS 7.0 and ASP.NET Monitor stability and performance with Windows System Resource Manager Manage security using NAP, IPSec, 802.1x, and DHCP enforcement Encrypt data with Active Directory Certification Services and PKI Provide secure remote access using Terminal Services and RRAS Handle Windows DNS, BitLocker Drive Encryption, and Itanium support Build Windows PowerShell scripts to perform repetitive management jobs

Microsoft Windows Operating System Essentials

Get the inside scoop on Hyper-V for Windows Server 2008 R2 Virtualization is a top priority for thousands of companies all over the world. Written by an author team that is part of the Windows virtualization group at Microsoft, Windows Server 2008 R2 Hyper-V will walk you through Hyper-V essentials so you can get you up to speed and down to business with Hyper-V. Now fully updated for Windows Server 2008 R2 Hyper-V, you will find additional content on new features and

capabilities such as Live Migration and support for 64 Logical Processors (LP). Teaches how to manage virtual machines with the latest System Center tools such as Virtual Machine Manager 2008 R2, Data Protection Manager 2010, and Operations Manager 2007 R2 Covers all of the new functionalities of Windows Server 2008 R2 Hyper-V, including Live Migration, 64 LP support, Processor Compatibility Mode, enhanced processor functionality support, hot-add and remove of storage, TCP Offload support, and VM Queue support Demonstrates key scenarios for Hyper-V, including server consolidation, testing and development, Business Continuity and Disaster Recovery, and Dynamic IT Provides step-by-step instructions and examples This insiders guide will help you get the most out of your hardware and reduce cost with Windows Server 2008 R2 Hyper-V.

Security Strategies in Windows Platforms and Applications

The Microsoft Official Academic Course (MOAC) textbook for MTA Windows Operating System Fundamentals Exam 98-349 2nd Edition is focused primarily on operating configurations and maintenance in Windows. Successful skills mastery of Exam 98-349 can help students with securing a career within an IT enterprise and help them to differentiate job hunters in today's competitive job market. This exam will cover considerations into the following: • Understanding Operating System Configurations. • Installing and Upgrading Client Systems. • Managing Applications. • Managing Files

and Folders. • Managing Devices. • Understanding Operating System Maintenance. The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

Microsoft Windows Server 2008 R2 Administrator's Reference

This book is designed to help administrators and developers better automate Azure management tasks. No prior knowledge of PowerShell is required.

Learning System Center App Controller

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

Deploying and Administering Windows Vista Bible

The core concepts and technologies you need to

administer aWindows Server OS Administering a Windows operating system (OS) can be a difficulttopic to grasp, particularly if you are new to the field of IT.This full-color resource serves as an approachable introduction tounderstanding how to install a server, the various roles of aserver, and how server performance and maintenance impacts anetwork. With a special focus placed on the new Microsoft TechnologyAssociate (MTA) certificate, the straightforward,easy-to-understand tone is ideal for anyone new to computeradministration looking to enter the IT field. Each chapter offers aclear and concise look at the core Windows administration conceptsyou need to know to gain an understanding of these difficulttopics. Offers a clear, no-nonsense approach to administering a Windowsoperating system and presents it in such a way that IT beginnerswill confidently comprehend the subject matter Targets the MTA 98-365 exam by covering Windows Serverinstallation, server roles, storage, and active directoryinfrastructure Provides you with a solid foundation of various networkingtopics so that you can gain a strong understanding of WindowsServer administration concepts Includes review questions and suggested labs to further enhanceyour learning process With this book by your side, you will be armed with the coreconcepts and technologies needed to administer a Windows Serveroperating system.

MCTS Microsoft Windows 7 Configuration Study Guide, Study Guide

Offers quick-reference tables, detailed instructions, and lists to provide information about support procedures and common tasks for Windows Server 2008 R2 administration.

Windows Server 2008 R2 Hyper-V

This book is intended for IT professionals working with Hyper-V, Azure cloud, VMM, and private cloud technologies who are looking for a quick way to get up and running with System Center 2012 R2 App Controller. To get the most out of this book, you should be familiar with Microsoft Hyper-V technology. Knowledge of Virtual Machine Manager is helpful but not mandatory.

Windows Small Business Server 2008 Unleashed

Microsoft Windows Server 2008 R2: The Administrators Essential Reference introduces the Windows Server 2008 R2, which is Microsofts flagship server operating systems latest release. The book explores its features; describes differences between the available editions; and discusses its deployment. After introducing Windows Server 2008 R2, the book explains its installation and configuration processes followed by its networking. It also examines different features, such as the active directory, internet information services 7.5, Hyper-V, and PowerShell V2. It discusses securing Windows Server 2008 R2 files and its print services, remote desktop services, high-availability and recovery features, and monitoring and

troubleshooting; in addition, their delta changes are discussed in the final chapter. The book also explores the features that influence both Windows Server 2008 R2 and Windows 7. These features allow the server operating system to work with Windows 7. One feature is the BranchCache, which offers users who open files across a Wide Area Network a better end-user experience by caching copy in the branch office when a document or intranet Web site is opened for the first time. Another feature is DirectAccess, which is the new remote connectivity solution for Windows networks. Features information on how to plan, deploy, and administrate Windows Server 2008 R2 using best practice guidance Provides in-depth coverage of Hyper-V, DirectAccess, Remote Desktop Services, Active Directory, and BranchCache Includes Delta Changes to allow experienced administrators to quickly gain insight to changes between Windows Server 2008 and Windows Server 2008 R2

MCSA Windows Server 2016 Complete Study Guide

Book + Content Update Program This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016's key innovations, from the cloud and containers to security and mobility. Windows Server 2016 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2016 in large-scale

environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity, virtualization, optimization, and troubleshooting. You'll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments—practical help for solving real problems. Detailed information on how to: Take full advantage of key Windows Server 2016 innovations Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core Design a modern Windows Server Active Directory, from OUs and infrastructure to Federated Forests and Lightweight Directories Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IPv, IPAM, and IIS Systematically harden server-level security Protect data in transit with PKI, certificates, rights management, and IPsec encryption Safely provide appropriate remote and mobile access for your users Efficiently administer, automate, maintain, and document Windows Server production environments Control Windows devices centrally with Group Policies and Policy Management Implement advanced fault tolerance, clustering, and other business continuity features Optimize, tune, and debug Windows Server, and plan for growth Leverage integrated application

services, including SharePoint and Hyper-V In addition, this book is part of InformIT's Content Update Program, which provides content updates for major technology improvements! As significant updates are made to WIndows Server 2016, sections of this book will be updated or new sections will be added to match the updates to the technologies. As updates become available, they will be delivered to you via a free Web Edition of this book, which can be accessed with any Internet connection. To learn more, visit informit.com/cup. How to access the Web Edition: Follow the instructions in the book to learn how to register your book to access the FREE Web Edition.

Mastering Hyper-V Deployment

Your Definitive Resource on Microsoft Windows Server 2008 "Build your network the right way with expert advice! This book provides real-world help in implementing Windows Server 2008 with attention to the use of virtualization solutions covering all you need to know in one well-written guide to success." --Bob Kelly, AppDeploy.com and Technical Reviewer Plan, set up, and administer a powerful, scalable Microsoft Windows Server 2008 environment. Featuring detailed explanations, best practices, pragmatic checklists, and real-world implementation examples, this comprehensive resource shows you how to deploy, manage, and secure WS08 on enterprise networks of all sizes. Microsoft Windows Server 2008: The Complete Reference explains how to develop migration plans and transition to WS08, configure AD and Internet services, handle print and

Web servers, and work with resource pools and network delegation rights. You'll get full coverage of the latest virtualization techniques, OU strategies, remote administration features, and storage maintenance utilities. Find out how to tune performance, deploy bulletproof security, create reliable system backups, and design failsafe disaster recovery plans. You'll also learn to rely on resource pools and virtual service offerings to create the very best Windows infrastructure implementation. Migrate legacy networks to a Windows Server 2008-based infrastructure Configure ADDS, User Services, DNS, DHCP, and IIS7 Set up the Network and Build Network Infrastructure Servers Use Server Core to run the Hyper-V role on host servers Design user and computer Group Policy strategies, network delegation rights, and OU strategies Manage file, print, application, terminal, Web, and collaboration servers as virtual service offerings Administer WS08 from the MMC, PowerShell, desktop, and command line Optimize redundancy using Windows Clustering Services and NLB on both host and virtual machines Secure WS08 using the Castle Defense System, BitLocker, Kerberos, EFS, PKI, smart cards, and biometrics Back up and restore data using WBAdmin.exe, the Volume Shadow Copy service, and the Recovery Wizard Rely on the most up-to-date task list to create a complete administration plan once the network is deployed

Windows Server 2008 Inside Out

From the author and series editor of the immensely

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popular ADMINISTRATOR'S POCKET CONSULTANT series from Microsoft Press-this pocket-size guide delivers fast, accurate answers on the spot for IT professionals. Microsoft SQL Server 2008 Administrator's Pocket Consultant, 2nd Edition is the ideal concise, immediate reference you'll want with you at all times as you deal with Microsoft SQL Server 2008 and SQL Server 2008 R2 administration. Whether you handle administration for 50 users or 5000, this hands-on, fast answers guide focuses on what you need to do to get the job done quickly. With extensive easy-to-read tables, lists, and step-by-step instructions, it's the portable, readable guide that you consistently save you time and minimize system downtime by giving you the right information right now. Get fast facts to: Plan, deploy, and configure SQL Server 2008 R2 Administer server and surface security, access, and network configuration Import, export, transform, and replicate data Use SQL Server Management Studio for core administrative tasks Manipulate schemas, tables, indexes, and views Automate maintenance and implement policy-based management Monitor server activity and tune performance Manage log shipping and database mirroring Perform backups and recovery

Active Directory with PowerShell

The definitive guide to automating SQL Server admnistration 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.

Microsoft Windows Server 2008 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.

Introducing Windows Server 2008

Introduces the new and improved features of Windows Server 2008, giving readers insights into how they can improve security, performance, reliability, and operational efficiency.

Windows Server 2012 Hyper-V Installation and Configuration Guide

Featuring six comprehensive volumes?in print and on the CD?this official Microsoft RESOURCE KIT delivers the in-depth information you need to plan, implement, and manage your Windows Server 2008 systems. You get authoritative technical guidance from those who know the technology best?leading industry experts and the Microsoft Windows Server team. Plus, hundreds of scripts, 2,200+ pages of bonus content, and other essential resources. YOUR KIT INCLUDES: 6 print volumes?4,400+ pages?of in-depth reference and best practices 400+ customizable scripts for Windows® administration tasks Links to downloadable tools for IIS, Windows PowerShell, Microsoft Systems Center Operations Manager, Microsoft Network Monitor, and more eBooks for all 6 Resource Kit volumes Templates, worksheets, job aids Links to technical references, step-by-step guides, webcasts, and other resources Bonus eBook?Understanding IPv6, Second Edition Bonus eBook?Windows Server 2008 TCP/IP Protocols and Services Bonus eBook?TCP/IP Fundamentals for Microsoft Windows 20 sample chapters from related Microsoft Press® books Author Extras GET SIX ESSENTIAL VOLUMES, INCLUDING: Internet Information Services (IIS) 7.0 Resource Kit Plan and troubleshoot your installation Deploy modular Web servers Configure IIS and ASP.NET features using IIS Manager and command-line tools Create and manage sites, virtual directories, applications, application pools Use XML-based configuration Set up delegated and remote management Apply security best practices Manage Web server extensions Host a variety of dynamic application platforms Use built-in

diagnostics and key troubleshooting tactics Tune your operations?balancing performance and security considerations Windows Administration Resource Kit: Productivity Solutions for IT Professionals Use role-based management to maximize control over enterprise resources Design mobility, resiliency, and security requirements into user-data infrastructure Customize MMC consoles to extend your administrative reach Automate the provisioning of shared folders Design least-privilege Active Directory® delegation; improve auditing and reporting Create groups that dynamically maintain their membership Implement system self-reporting Automate software deployment and change management without third-party tools Deliver advanced document-management and enterprise collaboration solutions Windows PowerShell Scripting Guide Automatically configure desktop settings across the network Maintain desktop health?monitoring disk space, drive configuration, and service configuration Read, search, and write event logs using scripts Manage system components, including drives, shares, and printers Configure network services such as DNS, DHCP, and WINS Manage system backup, recovery, and security features Troubleshoot installation and operation of systems and applications Maintain a Web site using IIS 7.0 Plus?get a complete list of cmdlets to help automate recurring tasks Windows Server 2008 Active Directory Resource Kit Plan the logical and physical structure?applying best practices for design Install, upgrade, or migrate your directory services Configure the integration of Active Directory and DNS Manage and troubleshoot replication Automate and simplify object management Use Group Policy to

administer the user environment Configure domain and network security features, including built-in certificate services Monitor system health; optimize performanc

Mastering Microsoft Windows Server 2008 R2

Real Solutions for Windows Server 2008 Administrators Need fast, reliable, easy-to-implement solutions for Microsoft Windows Server 2008? This book delivers exactly what you're looking for. You'll find tested, step-by-step procedures for every facet of Windows Server 2008 planning, deployment, configuration, security, and day-to-day administration. This book includes special sections looking forward to the new R2 release and fully reflects all major enhancements built into Windows Server 2008--including Hyper-V virtualization, Server Core, major Terminal Services improvements, and many more changes that make older administration guides obsolete. When time is of the essence, turn here first: get answers you can trust--and use--right now! Fast, Accurate, and Easy to Use! Prepare to deploy Windows Server 2008 and walk through an efficient installation Administer Windows Server 2008 with the Microsoft Management Console (MMC), Device Manager, Task Scheduler, and Remote Desktop Use Server Manager to perform initial configuration tasks, manage settings, and administer server roles Deliver client applications more efficiently with Terminal Services Deploy Server Core to minimize attack surface and maximize security

Plan, deploy, and manage Hyper-V virtualized environments that reduce costs and improve business flexibility Create, configure, secure, and manage new websites with IIS 7.x Centrally manage your users with the newest version of Active Directory Install and configure server roles such as DNS, DHCP, and file services Configure both IPv4 and IPv6 Establish efficient, practical backup and restore procedures Protect your data and infrastructure using Windows Server 2008's multiple security features Monitor, troubleshoot, and tune server performance

Windows Server 2008 Hyper-V

The only book to take an in-depth look at deploying Hyper-V Now in its second generation, the popular Hyper-V boasts technical advances that create even more dynamic systems than ever before. This unique resource serves an authoritative guide to deploying Windows Server 2008 R2 Hyper-V comprehensively. Step-by-step instructions demonstrate how to design a Hyper-V deployment, build a Hyper-V host environment, and design a management system with System Center Virtual Machine Manager 2008 R2. Features real-world examples that show you how to design a Hyper-V deployment, build a Hyper-V host environment, and design a management system Walks you through incorporating System Center Operations Manager 2008 R2, System Center Data Protection Manager 2010, and System Center Essentials 2010 Offers authoritative coverage of Hyper-V security, business continuity, and an array of VM roles, including domain controllers, Exchange

Server, SQL Server, and System Center This in-depth guide is the ultimate resource for system administrators, engineers, and architects, and IT consultants deploying Hyper-V.

Microsoft SQL Server 2012 Administration

Go-to guide for using Microsoft's updated Hyper-V as avirtualization solution Windows Server 2012 Hyper-V offers greater scalability, newcomponents, and more options than ever before for large enterprisesystems and small/medium businesses. Windows Server 2012 Hyper-VInstallation and Configuration Guide is the place to startlearning about this new cloud operating system. You'll get up tospeed on the architecture, basic deployment and upgrading, creatingvirtual workloads, designing and implementing advanced networkarchitectures, creating multitenant clouds, backup, disasterrecovery, and more. The international team of expert authors offers deep technicaldetail, as well as hands-on exercises and plenty of real-worldscenarios, so you thoroughly understand all features and how bestto use them. Explains how to deploy, use, manage, and maintain the WindowsServer 2012 Hyper-V virtualization solutions in large enterprisesand small- to medium-businesses Provides deep technical detail and plenty of exercises showingyou how to work with Hyper-V in real-world settings Shows you how to quickly configure Hyper-V from the GUI and usePowerShell to script and automate common tasks Covers deploying Hyper-V hosts, managing virtual machines,network fabrics,

cloud computing, and using file servers Also explores virtual SAN storage, creating guest clusters,backup and disaster recovery, using Hyper-V for Virtual DesktopInfrastructure (VDI), and other topics Help make your Hyper-V virtualization solution a success withWindows Server 2012 Hyper-V Installation and ConfigurationGuide.

Microsoft Windows Server 2008 R2 Administration Instant Reference

A fully updated study guide for MCTS exam 70-680 Demand for experienced, qualified Windows 7 administrators remains high. IT professionals seeking certification in Windows 7 administration will find everything they need to learn to pass the MCTS exam (70-680) in this complete Sybex Study Guide. Updated to cover the most recent version of the exam, this comprehensive guide examines all the exam objectives, using real-world scenarios, hands-on exercises, and challenging review questions. Certification in Windows 7 administration is highly prized by IT professionals and employers; this comprehensive study guide covers everything you need to know to pass MCTS exam 70-680 Covers installing, upgrading, and migrating to Windows 7; deploying Windows 7; configuring hardware, applications, network connectivity, access to resources, and mobile computing; monitoring and maintaining systems that run Windows 7; and configuring backup and recovery options Features review questions, practice exams, flashcards, and video walkthroughs This complete study guide is the

partner you need to assure your success on exam 70-680.

Mastering Windows Server 2012 R2

"This book is an invaluable one-stop reference for deploying, configuring, and managing Windows Server 2008. It's filled with John's unique and hard-earned nuggets of advice, helpful scripts, and shortcuts that will save you time and money." --Mark Russinovich The Start-to-Finish, Comprehensive Windows Server 2008 Book for Every Working Administrator and Architect To make the most of Windows Server 2008 in production environments, you need a deep understanding of its technical details. However, accurate and reliable information is scarce, and even most skilled Windows professionals don't know Windows Server 2008 as well as they should. The Complete Guide to Windows Server 2008brings together more than 1,500 pages of practical Windows Server 2008 insight and in-depth knowledge that you can't find anywhere else, all based on final code. John Savill—one of the world's most visible and trusted experts on Windows Server technology—specializes in helping real companies use Windows Server 2008 to run their businesses. His access to Microsoft's product team as a Microsoft MVP and one of 50 elite "Windows Server 2008 Delta Force Rangers" benefited this book's accuracy and value. Coverage includes Deployment planning, implementing, and managing new features, including Windows Server Core and Hyper-V virtualization Choosing the right installation and upgrade options

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for your environment Securing Windows Server 2008: authentication, authorization, BitLocker, certification services, and more Implementing TCP/IP, advanced network services, remote access, and thin-client Terminal Services Active Directory in depth, including Federated Services, Lightweight Directory Services, and Rights Management Providing high availability through Network Load Balancing and failover clustering Using Windows Deployment Services to quickly deploy multiple servers Supporting complex distributed environments with the Distributed File System Automating server management with PowerShell and the command prompt Integrating Windows Server 2008 with UNIX, Linux, and legacy NetWare servers Troubleshooting Windows Server 2008 and Vista environments, including an intuitive "how to" index to quickly locate answers to commonly asked questions

www.savilltech.com/completeguidetowindows2008

Automating Microsoft Windows Server 2008 R2 with Windows PowerShell 2.0

The definitive guide to automating SQL Server admnistration 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.

Microsoft Windows Server 2008: The Complete Reference

Implement, maintain, and repair SQL Server 2012databases As the most significant update since 2008, Microsoft SQL Server2012 boasts updates and new features that are critical tounderstand. Whether you manage and administer SQL Server 2012 orare planning to get your MCSA: SQL Server 2012 certification, thisbook is the perfect supplement to your learning and preparation.From understanding SQL Server's roles to implementing businessintelligence and reporting, this practical book

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explores tasks andscenarios that a working SQL Server DBA faces regularly and showsyou step by step how to handle them. Includes practice exams and coverage of exam objectives forthose seeking MSCA: SQL Server 2012 certification Explores the skills you'll need on the job as a SQL Server 2012DBA Discusses designing and implementing database solutions Walks you through administrating, maintaining, and securing SQLServer 2012 Addresses implementing high availability and datadistribution Includes bonus videos where the author walks you through someof the more difficult tasks expected of a DBA Featuring hands-on exercises and real-world scenarios, thisresource guides you through the essentials of implementing,maintaining, and repairing SQL Server 2012 databases.

MCTS Windows Server 2008 Network Infrastructure Configuration Study Guide

"Why perform a task with dozens of clicks through the Graphical User Interface when you can do it with a single command? Why repeat the same tasks when can automate them? Administrators can work efficiently and effectively by automating both simple and complex administrative tasks using Windows PowerShell cmdlets. In Microsoft Windows Server 2008 R2, the new Active Directory module for Windows PowerShell provides command-line scripting for administrative, configuration, and diagnostic tasks. The Active Directory module enables end-to-end manageability with Exchange Server, Group Policy, and other services, providing a centralized

experience for administering your directory service--and automating it. Focused on everyday and frequently-performed tasks, Automating Active Directory Administration with Windows PowerShell 2.0 provides PowerShell solutions for maintaining a Windows Server 2008 R2 environment. Solutions are presented step by step, making it easy for Windows administrators to apply on the job, while the necessary concepts explained and real world examples provided help administrators understand what they are doing"--

Microsoft SQL Server 2008 Administrator's Pocket Consultant

Hyper-V is one of the top virtualization products, and this practical guide focuses on the essentials of Windows Server 2008 Hyper-V. Written by the Microsoft team behind the Hyper-V product, this book shows you how to perform key virtualization scenarios, such as server consolidation, software test and development, and a dynamic data center and demonstrates how Hyper-V can be used to reduce cost and eliminate the complexity of a server infrastructure by consolidating workloads to a small number of machines. In addition, the material addresses using DPM, and SCOM with VMM in order to maintain and manage Hyper-V environments.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION