Master Powershell Tricks Volume Book 2

Windows Server 2008 Administrator's CompanionAdvanced Bash Scripting GuideExam Ref 70-698 Installing and Configuring Windows 10The PowerShell Conference BookWindows 7 Inside OutMastering Windows PowerShell ScriptingWindows PowerShell 2 For DummiesDeploying Configuration Manager Current Branch with PkiMicrosoft Azure Essentials - Fundamentals of AzureMastering Microsoft Exchange Server 2013Survival Of The DumbestWindows PowershellLearn Windows PowerShell 3 in a Month of LunchesSQL Server MVP Deep Dives, Volume 2Master Storage Spaces DirectWindows Server 2008 Inside OutWindows PowerShell in ActionTroubleshooting SharePointMastering Windows Group PolicyWindows Server 2019 Automation with PowerShell CookbookEssential PowerShellMicrosoft SQL Server 2012 UnleashedActive Directory with PowerShellWindows PowerShell Scripting GuideWindows 7 and Vista Guide to Scripting, Automation, and Command Line ToolsMastering Active DirectoryThe Little Book of Sitecore® TipsMicrosoft Power BI CookbookThe Art of ProcrastinationWindows 10 Step by StepMicrosoft SQL Server 2008 Administration with Windows PowerShellMicrosoft Azure Essentials Azure Machine LearningWindows PowerShell 2.0 Best PracticesMastering Windows Server 2016Master PowerShell TricksMastering Windows Server 2019Mastering Microsoft Dynamics 365 Business CentralWindows PowerShell 3.0 Step by StepWindows Server 2019 Inside OutOptimizing and Troubleshooting Hyper-V Networking

Windows Server 2008 Administrator's Companion

Conquer Windows Server 2019—from the inside out! Dive into Windows Server 2019—and really put your Windows Serverexpertise to work. Focusing on Windows Server 2019's most powerful and innovative features, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, or manage Windows Server in enterprise, data center, cloud, and hybrid environments. Fully reflecting new innovations for security, hybrid cloud environments, and Hyper-Converged Infrastructure (HCI), it covers everything from cluster sets to Windows Subsystem for Linux. You'll discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. • Optimize the full Windows Server 2019 lifecycle, from planning and configuration through rollout and administration • Leverage new configuration options including App Compatibility Features on Demand (FOD) or Desktop Experience • Ensure fast, reliable upgrades and migrations • Manage Windows servers, clients, and services through Windows Admin Center • Seamlessly deliver and administer core DNS, DHCP, fi le, print, storage, and Internet services • Use the Storage Migration Service to simplify storage moves and configuration at the destination • Seamlessly integrate Azure IaaS and hybrid services with Windows Server 2019 • Improve agility with advanced container technologies, including

container networking and integration into Kubernetes orchestration clusters • Deliver Active Directory identity, certifi cate, federation, and rights management services • Protect servers, clients, VMs, assets, and users with advanced Windows Server 2019 security features, from Just Enough Administration to shielded VMs and guarded virtualization fabrics • Monitor performance, manage event logs, confi gure advanced auditing, and perform backup/recovery Windows Server 2019 For Experienced Windows Server Users and IT Professionals • Your role: Experienced intermediate to-advanced level Windows Server user or IT professional • Prerequisites: Basic understanding of Windows Server procedures, techniques, and navigation

Advanced Bash Scripting Guide

Volume 2 has arrived! We all know sequels are never as good (unless it's a Godfather movie) but don't judge too harshly. Like Volume 1 this book is a light-hearted look at some useful Sitecore tips (current version is 9.0 rev. 171219 Update-1).

Exam Ref 70-698 Installing and Configuring Windows 10

Prepare for Microsoft Exam 70-698–and help demonstrate your real-world mastery

of Windows 10 installation and configuration. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the skills measured on the exam: • Prepare for and perform Windows 10 installation • Configure devices and device drivers • Perform post-installation configuration • Implement Windows in the enterprise • Configure and support networking, storage, data access, and usage • Implement apps • Configure remote management • Configure updates, recovery, authorization, authentication, and management tools • Monitor Windows This Microsoft Exam Ref: • Organizes its coverage by the "Skills measured" posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Provides exam preparation tips written by top trainers • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows 10

The PowerShell Conference Book

Wil Anderson sets down some of his funniest rants and observations. 'He's often wrong, but always funny' - Patrick Cook 'Did you know that in the last ten years, 31 Australians have died from watering the Christmas tree while the lights were still plugged in? And at least a couple of those were watering plastic trees. Now I don't want to seem callous, but to me that's not a tragedy - that's natural selection.' Now

Wil Anderson turns his sharp gaze and wicked wit to the stupid, strange and perplexing quandaries of popular culture. Wil spares no-one, not even himself, as he delivers an almighty forehead slap to the modern world. And let's face it: between TV, politics, oversexed sports stars, advertising and automatic phone-banking systems - there are a lot of foreheads that need one. Wil Anderson caused cornflake snorting incidents as a breakfast announcer on Triple J, former host of ABC TV's The Glass House and continues to thrill audiences at just about every comedy festival known to man. Now Wil has set down some of his funniest rants and observations in this book. Let's just hope there are enough people left who can read.

Windows 7 Inside Out

In this book Master Storage Spaces Direct you will learn about the following topics which will help you complete your very own Microsoft HyperConverged Platform. Chapter 1 - Introduces the core concepts of HyperConverged Infrastructure Chapter 2 - Walks through a deep dive on Storage Spaces Direct and all of it's components Chapter 3 - Is a primer on Windows Server 2016 Clustering. This chapter is especially important as the Window Failover Clustering Services are what provide the high available for Storage Spaces Direct. Chapter 4 - Networking is the key backbone to any infrastructure and in this chapter we will dive into the new technologies added in Windows Server 2016 that are relevant to Storage

Spaces Direct. Chapter 5 - In this chapter we will build and configure a 2-node Storage Spaces Direct Cluster using physical hardware. Chapter 6 - Stress testing is an important step required to validate any environment. In this chapter, we will learn about VMFleet from Microsoft and how it can be used perform these stress tests. Chapter 7 - Now that we have built out a physical Storage Spaces Direct cluster it is time to do it in a Nested Hyper-V environment. We have included as a bonus to this book a script that will deploy your lab with a 16 node Storage Spaces Direct Cluster. Chapter 8 - So you have completed your lab and want to start over. Wouldn't it be nice to be able to perform a factory like reset in your lab? Well now you can! It has been brought to you by MVPDays Publishing whom specialize in helping speakers at the MVPDays Community Roadshow expand on their content delivery.

Mastering Windows PowerShell Scripting

A comprehensive and practical guide to Windows Server 2016 About This Book In-depth coverage of new features of Windows Server 2016 Gain the necessary skills and knowledge to design and implement Microsoft Server 2016 in enterprise environment Know how you can support your medium to large enterprise and leverage your experience in administering Microsoft Server 2016, A practical guide to administering Windows server 2016 Who This Book Is For The book is targeted at System Administrators and IT professionals who would like to design and deploy

Windows Server 2016 (physical and logical) Enterprise infrastructure. Previous experience of Windows Server operating systems and familiarity with networking concepts is assumed. System administrators who are upgrading or migrating to Windows Server 2016 would also find this book useful. What You Will Learn Familiarize yourself with Windows Server 2016 ideology, the core of most datacenters running today New functions and benefits provided only by the new Windows Server 2016 Get comfortable working with Nanoserver Secure your network with new technologies in Server 2016 Harden your Windows Servers to help keep those bad guys out! Using new built-in integration for Docker with this latest release of Windows Server 2016 Virtualize your datacenter with Hyper-V In Detail Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. With Windows Server 2016, Microsoft has gotten us thinking outside of the box for what it means to be a system administration, and comes with some interesting new capabilities. These are exciting times to be or to become a server administrator! This book covers all aspects of administration level tasks and activities required to gain expertise in Microsoft Windows Server 2016. You will begin by getting familiar and comfortable navigating around in the interface. Next, you will learn to install and manage Windows Server 2016 and discover some tips for adapting to the new server management ideology that is all about centralized monitoring and configuration. You will deep dive into core Microsoft infrastructure technologies that the majority of companies are going to

run on Server 2016. Core technologies such as Active Directory, DNS, DHCP, Certificate Services, File Services, and more. We will talk about networking in this new operating system, giving you a networking toolset that is useful for everyday troubleshooting and maintenance. Also discussed is the idea of Software Defined Networking. You will later walk through different aspects of certificate administration in Windows Server 2016. Three important and crucial areas to cover in the Remote Access role -- DirectAccess, VPN, and the Web Application Proxy -- are also covered. You will then move into security functions and benefits that are available in Windows Server 2016. Also covered is the brand new and all-important Nano Server! We will incorporate PowerShell as a central platform for performing many of the functions that are discussed in this book, including a chapter dedicated to the new PowerShell 5.0. Additionally, you will learn about the new built-in integration for Docker with this latest release of Windows Server 2016. The book ends with a discussion and information on virtualizing your datacenter with Hyper-V. By the end of this book, you will have all the ammunition required to start planning for and implementing Windows Server 2016. Style and approach This book offers a practical and wide coverage of all features of brand new Microsoft Server 2016 along with tips on daily administration tasks.

Windows PowerShell 2 For Dummies

Explains the principles of structured procrastination and provides tips and

techniques to chronic procrastinators for developing an attitude of acceptance for their accomplishments while enjoying the time they waste.

Deploying Configuration Manager Current Branch with Pki

Explaining how to use the new features of Windows 7, a comprehensive manual details hundreds of timesaving solutions, troubleshooting tips, and workarounds, along with information on such topics as Internet Explorer 8, Windows Media Center, networking, and security.

Microsoft Azure Essentials - Fundamentals of Azure

Enhance and secure your datacenter with the newest Microsoft server platform Key Features Develop necessary skills to design and implement Microsoft Server 2019 in enterprise environment Provide support to your medium to large enterprise and leverage your experience in administering Microsoft Server 2019 Effectively administering Windows server 2019 with the help of practical examples Book Description Mastering Windows Server 2019 – Second Edition covers all of the essential information needed to implement and utilize this latest-and-greatest platform as the core of your data center computing needs. You will begin by installing and managing Windows Server 2019, and by clearing up common points

of confusion surrounding the versions and licensing of this new product. Centralized management, monitoring, and configuration of servers is key to an efficient IT department, and you will discover multiple methods for quickly managing all of your servers from a single pane of glass. To this end, you will spend time inside Server Manager, PowerShell, and even the new Windows Admin Center, formerly known as Project Honolulu. Even though this book is focused on Windows Server 2019 LTSC, we will still discuss containers and Nano Server, which are more commonly related to the SAC channel of the server platform, for a well-rounded exposition of all aspects of using Windows Server in your environment. We also discuss the various remote access technologies available in this operating system, as well as guidelines for virtualizing your data center with Hyper-V. By the end of this book, you will have all the ammunition required to start planning for, implementing, and managing Windows. What you will learn Work with the updated Windows Server 2019 interface, including Server Core and Windows Admin Center Secure your network and data with new technologies in Windows Server 2019 Learn about containers and understand the appropriate situations to use Nano Server Discover new ways to integrate your data center with Microsoft Azure Harden your Windows Servers to help keep the bad guys out Virtualize your data center with Hyper-V Who this book is for If you are a System Administrator or an IT professional interested in designing and deploying Windows Server 2019 then this book is for you. Previous experience of Windows Server operating systems and familiarity with networking concepts is required.

Mastering Microsoft Exchange Server 2013

This scenario-focused title provides concise technical guidance and insights for troubleshooting and optimizing networking with Hyper-V. Written by experienced virtualization professionals, this little book packs a lot of value into a few pages, offering a lean read with lots of real-world insights and best practices for Hyper-V networking optimization in Windows Server 2012. Focused guide extends your knowledge and capabilities with Hyper-V networking in Windows Server 2012 Shares hands-on insights from a team of Microsoft virtualization experts Provides pragmatic troubleshooting and optimization guidance from the field

Survival Of The Dumbest

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.

Windows Powershell

Get more out of Microsoft Power BI turning your data into actionable insights About This Book From connecting to your data sources to developing and deploying immersive, mobile-ready dashboards and visualizations, this book covers it all Over 90 hands-on, technical recipes, tips, and use cases from across the Power BI platform including the Power BI Service and Mobile Applications Proven development techniques and guidance for implementing custom solutions with DAX and M languages Who This Book Is For This book is for BI professionals who wish to enhance their knowledge of Power BI beyond and to enhance the value of the Power BI solutions they deliver to business users. Those who are looking at

quick solutions to common problems while using Power BI will also find this book to be a very useful resource .Some experience with Power BI will be useful. What You Will Learn Cleanse, stage, and integrate your data sources with Power BI Abstract data complexities and provide users with intuitive, self-service BI capabilities Build business logic and analysis into your solutions via the DAX programming language and dynamic, dashboard-ready calculations Take advantage of the analytics and predictive capabilities of Power BI Make your solutions more dynamic and user specific and/or defined including use cases of parameters, functions, and row level security Understand the differences and implications of DirectQuery, Live Connections, and Import-Mode Power BI datasets and how to deploy content to the Power BI Service and schedule refreshes Integrate other Microsoft data tools such as Excel and SQL Server Reporting Services into your Power BI solution In Detail Microsoft Power BI is a business intelligence and analytics platform consisting of applications and services designed to provide coherent, visual and interactive insights of data. This book will provide thorough, technical examples of using all primary Power BI tools and features as well as demonstrate high impact end-to-end solutions that leverage and integrate these technologies and services. Get familiar with Power BI development tools and services, go deep into the data connectivity and transformation, modeling, visualization and analytical capabilities of Power BI, and see Power BI's functional programming languages of DAX and M come alive to deliver powerful solutions to address common, challenging scenarios in business intelligence. This book will excite and empower you to get more out of Power BI via

detailed recipes, advanced design and development tips, and guidance on enhancing existing Power BI projects. Style and approach This book consists of practical recipes on Power BI that target novices as well as intermediate Power BI users. It goes deep into the technical issues, covers additional protocols, and many more real-live examples.

Learn Windows PowerShell 3 in a Month of Lunches

Prepare for the future of Microsoft automation with this no-nonsense guide Windows PowerShell 2 is the scripting language that enables automation within the Windows operating system. Packed with powerful new features, this latest version is complex, and Windows PowerShell 2 For Dummies is the perfect guide to help system administrators get up to speed. Written by a Microsoft MVP with direct access to the program managers and developers, this book covers every new feature of Windows PowerShell 2 in a friendly, easy-to-follow format. Windows PowerShell 2 is the updated scripting language that enables system administrators to automate Windows operating systems System administrators with limited scripting experience will find this book helps them learn the fundamentals of Windows PowerShell 2 quickly and easily Translates the jargon and complex syntax of Windows PowerShell 2 Covers script debugging improvements, the ability to invoke commands remotely, and the new user interface Uses real-world applications to clarify the theory, fundamentals, and techniques of the scripting

language Written by a Microsoft MVP with direct access to the developers of Windows PowerShell 2 Windows PowerShell 2 For Dummies makes this tool easily accessible to administrators of every experience level.

SQL Server MVP Deep Dives, Volume 2

If you are a system administrator who wants to become an expert in controlling and automating your Windows environment, then this book is for you. Prior knowledge of PowerShell's core elements and applications is required for this book.

Master Storage Spaces Direct

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.

Windows Server 2008 Inside Out

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

Windows PowerShell in Action

Troubleshooting SharePoint

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.

Mastering Windows Group Policy

Improve and reimagine your organization's security stance, desktop standards, and server administration with centralized management via Group Policy. Key Features

Explore advanced filtering techniques for Group Policy Objects Interact with Group Policy through GPMC and PowerShell Practical guide covering the daily and advanced administration of group policy Book Description This book begins with a discussion of the core material any administrator needs to know in order to start working with Group Policy. Moving on, we will also walk through the process of building a lab environment to start testing Group Policy today. Next we will explore the Group Policy Management Console (GPMC) and start using the powerful features available for us within that interface. Once you are well versed with using GPMC, you will learn to perform and manage the traditional core tasks inside Group Policy. Included in the book are many examples and walk-throughs of the different filtering options available for the application of Group Policy settings, as this is the real power that Group Policy holds within your network. You will also learn how you can use Group Policy to secure your Active Directory environment, and also understand how Group Policy preferences are different than policies, with the help of real-world examples. Finally we will spend some time on maintenance and troubleshooting common Group Policy-related issues so that you, as a directory administrator, will understand the diagnosing process for policy settings. By the end of the book, you will be able to jump right in and use Group Policy to its full potential. What you will learn Become familiar with the Group Policy Management Console Create, link, and filter new policies Secure your users and devices using Group Policy Maintain and troubleshoot Group Policy Administer Group Policy via PowerShell Control your Active Directory environment efficiently with Group Policy

settings Who this book is for If you are an IT professional who works with Windows Servers or are interested in an Active Directory environment then this book is for you. General knowledge of Microsoft Windows, how Windows Server fits into an enterprise's infrastructure and also some existing knowledge of an Active Directory domain environment is expected.

Windows Server 2019 Automation with PowerShell Cookbook

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

Essential PowerShell

The bestselling guide to Exchange Server, fully updated forthe newest version Microsoft Exchange Server 2013 is touted as a solution forlowering the total cost of ownership, whether deployed on-premisesor in the cloud. Like the earlier editions, this comprehensiveguide covers every aspect of installing, configuring, and managingthis multifaceted collaboration system. It offers Windows systemsadministrators and consultants a complete tutorial and reference,ideal for anyone installing Exchange Server for the first time orthose migrating from an earlier Exchange Server version. Microsoft Exchange Server 2013 is a messaging system thatallows for access to e-mail, voicemail, and calendars from avariety of devices and any location, making it ideal for theenterprise With more than 21,000 copies of earlier editions sold, thiscomprehensive guide offers systems administrators and consultantsboth a tutorial and a reference guide for installing and managingExchange Server 2013 A team of Microsoft Certified Masters walks you step by stepthrough planning and design, installation, administration andmanagement, maintenance, and more Mastering Microsoft Exchange Server 2013 is the completereference for planning, installing, and maintaining the mostpopular e-mail server product available.

Microsoft SQL Server 2012 Unleashed

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

Active Directory with PowerShell

THE ONLY HANDS-ON, UP-TO-DATE GUIDE TO VBSCRIPT, THE WINDOWS COMMAND LINE, AND WINDOWS POWERSHELL Windows 7 and Vista contain state-of-the-art tools for streamlining or automating virtually any system management task. If you're a power user, administrator, or developer, these tools can help you eliminate repetitive work and manage your systems far more reliably and effectively. Renowned Windows expert Brian Knittel brings together the practical knowledge you need to use all these tools, including VBScript and Windows Scripting Host (WSH), traditional batch files, the advanced PowerShell command console, and more. Using plenty of examples, Knittel explains how each tool works, and how to solve real-world problems with them. You'll master techniques ranging from accessing files to manipulating the Registry, sending automated emails to configuring new users. Knittel also provides concise, handy references to Windows 7/Vista's command line, GUI scripting, and object-based management tools. The only single-source guide to all leading methods of Windows scripting and automation, this book will help you get far more done–in far less time! Understand Windows Scripting Host (WSH) and the modern Windows scripting environment Script objects with VBScript, JScript, ActivePerl, and ActivePython Read and write files, including XML and HTML files Manipulate programs and shortcuts Manage network, printer, and fax connections Make the most of PowerShell under Windows 7 and Vista Monitor and administer Windows systems with Windows Management

Interface (WMI) Use ADSI to control Active Directory and Microsoft Exchange, and manage users more efficiently Avoid mistakes that can compromise script security Use Windows' debugging tools to test and troubleshoot scripts Develop batch files that take full advantage of the command line Send faxes and email messages from scripts with Windows Fax and Collaboration Data Objects (CDO) Deploy your scripts throughout your organization Brian Knittel has been a software developer for more than 30 years. He has coauthored five titles in Que's Special Edition Using series, covering Microsoft Windows Vista, XP, and 2000. He is also author of Windows XP Under the Hood, and coauthor of Upgrading and Repairing Windows (with Scott Mueller).

Windows PowerShell Scripting Guide

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

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

The purpose of this book is to showcase the amazing expertise of our guest speakers at the North American MVPDays Community Roadshow. They have so much passion, expertise, and expert knowledge that it only seemed fitting to write it down in a book. MVPDays was founded by Cristal and Dave Kawula back in 2013. It started as a simple idea; "There's got to be a good way for Microsoft MVPs to reach the IT community and share their vast knowledge and experience in a fun and engaging way" I mean, what is the point in recognizing these bright and inspiring individuals, and not leveraging them to inspire the community that they are a part of. We often get asked the question "Who should attend MVPDays"? Anyone that has an interest in technology, is eager to learn, and wants to meet other like-minded individuals. This Roadshow is not just for Microsoft MVP's it is for anyone in the IT Community. Make sure you check out the MVPDays website at: www.mvpdays.com. You never know maybe the roadshow will be coming to a city near you. The goal of this particular book is to give you some amazing Master PowerShell tips from the experts you come to see in person at the MVPDays Roadshow. Each chapter is broken down into a unique tip and we really hope you find some immense value in what we have written.

Mastering Active Directory

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

The Little Book of Sitecore® Tips

This book covers the entire end-to-end planning, installing, updating, configuring and deploying a complete system with a full PKI infrastructure to boot! That element alone, documented in Chapter 2, cannot be overemphasized and is worth the cost of the book all by itself! When I was looking into the implementation of the then-new and shiny Internet Based Client Management (IBCM) feature many years ago, all I knew of PKI was how to spell it. I would have given anything for this information back then. For you, it's all crystal clear, and found right here in chapter

2. Beyond that element, you will first see listed out all the prerequisites necessary, the various roles and features to be implemented, the black magic that is SQL Server, your domain configurations clearly explained and necessary (which will keep your Domain Admins away from your desk!), and then walk you through how to install it all. You'll then end up with SSL security, the MDT Toolkit fully integrated, updated to Current Branch 1710, initial configuration settings applied, and clients deployed. In other words, you'll create a completely functional system with all of the latest-and-greatest. If you're naturally lazy like me, and you don't particularly want to go through all of this yourself but just want it DONE so you can get on with it, guess what? There's a SCRIPT to do it all FOR you!!! Lastly, the authors' then go on to also manage all of that hocus-pocus called networking! I never pretended to be a network engineer. As far as I'm concerned, they all live in a foreign land complete with its own language. NAT? Wasn't that a famous singer back in the day??? What's that got to do with anything? Well, in a simple-to-follow procedure in the prerequisites section, they make it all clear, and why.

Microsoft Power BI Cookbook

Develop customized business management solutions with the latest features of Microsoft Dynamics 365 Business Central Key Features Learn Dynamics 365 Business Central, the next generation of Dynamics NAV Explore advanced topics for handling complex integrations such as using APIs, OData, and Azure Functions

Discover best practices for developing SaaS extensions and moving existing solutions to the cloud Book Description Dynamics 365 Business Central is an all-in-one business management solution, which is easy to adopt and helps you make smarter business decisions. This book is a comprehensive guide to developing solutions with Microsoft ERP (in the cloud and also on-premises). It covers all aspects of developing extensions, right from preparing a sandbox environment to deploying a complete solution. The book starts by introducing you to the Dynamics 365 Business Central platform and the new Modern Development Environment. You'll then explore the sandbox concept, and see how to create sandboxes for development. As you advance, you'll be able to build a complete advanced solution for Dynamics 365 Business Central with AL language and Visual Studio Code. You'll then learn how to debug and deploy the extension and write automatic testing. The book will also take you through advanced topics like integration (with Azure Functions, web services, and APIs), DevOps and CI/CD techniques, and machine learning. You'll discover how Dynamics 365 Business Central can be used with Office 365 apps. Finally, you'll analyze different ways to move existing solutions to the new development model based on extensions. By the end of this book, you'll be able to develop highly customized solutions that meet the requirements of modern businesses using Dynamics 365 Business Central. What you will learn Create a sandbox environment with Dynamics 365 Business Central Handle source control management when developing solutions Explore extension testing, debugging, and deployment Create real-world business processes using Business

Central and different Azure services Integrate Business Central with external applications Apply DevOps and CI/CD to development projects Move existing solutions to the new extension-based architecture Who this book is for If you're a new developer looking to get started with Dynamics 365 Business Central, this book is for you. This book will also help experienced professionals enhance their knowledge and understanding of Dynamics 365 Business Central.

The Art of Procrastination

Finally, a hands-on, personalized guide to Windows PowerShell that covers all release versions including PowerShell 6, 5, 4 and 3 for Windows Server 2016, 2012 R2, 2012 as well as Windows 10, 8.1 and 7! Practical and precise, this guide provides ready answers and is designed for IT professionals working with Microsoft products, whether for on-premises, hybrid or cloud support. Inside, you'll find expert insights, tips, tricks and workarounds that will show you how to make the most of Windows PowerShell in the shortest amount of time possible. During the course of reading this book, you will master a number of complex topics, techniques, commands and functions, including: Passing startup parameters and initializing the environment Creating and using scripts for everyday tasks Parsing values, output streams and formatting output Creating and using profiles, aliases and other shortcuts Using snap-ins, providers, and modules Enabling remoting and establishing sessions Creating background jobs and scheduling them to run

automatically Using expressions and operators Working with variables, arrays, strings and more Creating aliases and functions Understanding object types, methods and properties Creating and using objects Using transcripts to record activities at the prompt Executing blocks of commands as transactions Performing conditional execution with If statements Checking for multiple conditions with switch Controlling the flow of execution using loops This book zeroes in on core PowerShell structures with a laser focus, giving you a clear and concise handbook for the essentials. Buy the book today and begin your journey to PowerShell mastery. And if you're already a PowerShell zen master, you'll find this book makes an excellent resource reference whether you are working in the office, at home connecting remotely, or on the go.

Windows 10 Step by Step

Become a master at managing enterprise identity infrastructure by leveraging Active Directory About This Book Manage your Active Directory services for Windows Server 2016 effectively Automate administrative tasks in Active Directory using PowerShell Manage your organization's network with ease Who This Book Is For If you are an Active Directory administrator, system administrator, or network professional who has basic knowledge of Active Directory and are looking to gain expertise in this topic, this is the book for you. What You Will Learn Explore the new features in Active Directory Domain Service 2016 Automate AD tasks with

PowerShell Get to know the advanced functionalities of the schema Learn about Flexible Single Master Operation (FSMO) roles and their placement Install and migrate Active directory from older versions to Active Directory 2016 Manage Active Directory objects using different tools and techniques Manage users, groups, and devices effectively Design your OU structure in the best way Audit and monitor Active Directory Integrate Azure with Active Directory for a hybrid setup In Detail Active Directory is a centralized and standardized system that automates networked management of user data, security, and distributed resources and enables interoperation with other directories. If you are aware of Active Directory basics and want to gain expertise in it, this book is perfect for you. We will quickly go through the architecture and fundamentals of Active Directory and then dive deep into the core components, such as forests, domains, sites, trust relationships, OU, objects, attributes, DNS, and replication. We will then move on to AD schemas, global catalogs, LDAP, RODC, RMS, certificate authorities, group policies, and security best practices, which will help you gain a better understanding of objects and components and how they can be used effectively. We will also cover AD Domain Services and Federation Services for Windows Server 2016 and all their new features. Last but not least, you will learn how to manage your identity infrastructure for a hybrid-cloud setup. All this will help you design, plan, deploy, manage operations on, and troubleshoot your enterprise identity infrastructure in a secure, effective manner. Furthermore, I will guide you through automating administrative tasks using PowerShell cmdlets. Toward the end of the book, we will

cover best practices and troubleshooting techniques that can be used to improve security and performance in an identity infrastructure. Style and approach This step-by-step guide will help you master the core functionalities of Active Directory services using Microsoft Server 2016 and PowerShell, with real-world best practices at the end.

Microsoft SQL Server 2008 Administration with Windows PowerShell

Provides information on writing and running scripts using Windows PowerShell to automate and manage Windows Server 2008 and Windows Vista.

Microsoft Azure Essentials Azure Machine Learning

Utilize a treasure trove of free SharePoint troubleshooting tools and receive insightful guidance about the types of SharePoint issues that can be discovered through their use. Chapters in this book contrast solid and least privileged builds in order to help you understand the types of issues that are raised when farms are not built the least privileged way. Because SharePoint errors often present themselves one way, when an issue is actually something entirely different, the process of finding the root cause can feel like going down a rabbit hole. Hands-on

exercises get you comfortable with logs so you can efficiently and effectively "explore the rabbit hole." Troubleshooting SharePoint also demonstrates how to identify components and settings that enter an environment where access has been restricted. The author shares his proven methods for researching an issue based on what appears in the logs, with the understanding that often it is not as simple as asking a question, but how you ask it that leads to the right answer. What You'll Learn Utilize networking tools such as NetMon, WireShark, and Fiddler for troubleshooting Master SharePoint PAL, Webalizer, Indihaing, Developer Dashboard, the Feature Admin tool, and more Become proficient using Timer Jobs and Search Diagnostics Understand how various files are accessed by IIS sites and within the server file system Discover how IIS mappings and file permissions affect issues Troubleshoot with ULS Viewer, PowerShell, and tools such as ProcMon, PerfMon, and Event Viewer Meet your new best friend, the ULS Viewer Use Event Viewer as a troubleshooting source Become conversant in the "language" of SharePoint from the log's perspective Who This Book Is For SharePoint administrators and developers who want to learn how to quickly diagnose and resolve issues in any SharePoint server in SharePoint farms where admin access is possible

Windows PowerShell 2.0 Best Practices

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.

Mastering Windows Server 2016

This comprehensive, one-volume guide delivers the information you need to successfully deploy, administer, and support Windows Server 2008. The authors—MVP experts in Windows Server technologies—provide easy-to-follow procedures, practical workarounds, and key troubleshooting tactics for everyday, on-the-job results. Delve into core system administration topics, system features, and capabilities—and get expert insights for administering Windows Server 2008. This reference delivers essential information on Active Directory directory service, security issues, disaster planning and recovery, and interoperability with Linux and UNIX. It also includes coverage of Internet Information Services (IIS) 7.0, virtualization, clustering, and performance tuning. With the ADMINISTRATOR'S COMPANION, you get the in-depth information you need in a single volume. Includes a companion CD with a searchable eBook and sample utilities. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Master PowerShell Tricks

Buy the print version of¿ Microsoft SQL Server 2012 Unleashed and get the eBook version for free! eBook version includes chapters 44-60 not included in the print. See inside the book for access code and details. ¿ With up-to-the-minute content, this is the industry's most complete, useful guide to SQL Server 2012. ¿ You'll find start-to-finish coverage of SQL Server's core database server and management capabilities: all the real-world information, tips, guidelines, and samples you'll need to create and manage complex database solutions. The additional online chapters add extensive coverage of SQL Server Integration Services, Reporting Services, Analysis Services, T-SQL programming, .NET Framework integration, and much more. ¿ Authored by four expert SQL Server administrators, designers, developers, architects, and consultants, this book reflects immense experience with SQL Server in production environments. Intended for intermediate-to-advanced-level SQL Server professionals, it focuses on the product's most complex and powerful capabilities, and its newest tools and features. Understand SQL Server 2012's newest features, licensing changes, and capabilities of each edition Manage SQL Server 2012 more effectively with SQL Server Management Studio, the SQLCMD command-line query tool, and Powershell Use Policy-Based Management to centrally configure and operate SQL Server Utilize the new Extended Events trace capabilities within SSMS Maximize performance by optimizing design, queries, analysis, and workload management Implement new best practices for SQL Server high availability Deploy AlwaysOn Availability Groups and Failover Cluster Instances to achieve enterprise-class availability and disaster recovery Leverage

new business intelligence improvements, including Master Data Services, Data Quality Services and Parallel Data Warehouse Deliver better full-text search with SQL Server 2012's new Semantic Search Improve reporting with new SQL Server 2012 Reporting Services features Download the following from informit.com/title/9780672336928: Sample databases and code examples ¿ ¿

Mastering Windows Server 2019

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

(@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

Mastering Microsoft Dynamics 365 Business Central

Summary SQL Server MVP Deep Dives, Volume 2 is a unique book that lets you learn from the best in the business - 64 SQL Server MVPs offer completely new content in this second volume on topics ranging from testing and policy management to integration services, reporting, and performance optimization techniquesand more. About this Book To become an MVP requires deep knowledge and impressive skill. Together, the 64 MVPs who wrote this book bring about 1,000 years of experience in SQL Server administration, development, training, and design. This incredible book captures their expertise and passion in 60 concise, hand-picked chapters and offers valuable insights for readers of all levels. SQL Server MVP Deep Dives, Volume 2 picks up where the first volume leaves off, with completely new content on topics ranging from testing and policy management to integration services, reporting, and performance optimization. The chapters fall into five parts: Architecture and Design, Database Administration, Database Development, Performance Tuning and Optimization, and Business Intelligence. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Discovering servers with PowerShell Using regular expressions in SSMS Tuning the

Transaction Log for OLTP Optimizing SSIS for dimensional data Real-time BI and much more Manning Publications and the authors of this book support the children of Operation Smile, an international children's medical charity that performs free reconstructive surgery for children suffering from facial deformities such as cleft lips and cleft palates by mobilizing medical volunteers who provide education and training programs to local doctors on the latest surgical techniques.

==

Service Level Agreements by Tobiasz Janusz Koprowski PART 3 DATABASE DEVELOPMENT Edited by Paul Nielsen T-SQL: bad habits to kick by Aaron Bertrand Death by UDF by Kevin Boles Using regular expressions in SSMS by John Paul Cook SQL Server Denali: what's coming next in T-SQL by Sergio Govoni Creating your own data type by Hugo Kornelis Extracting data with regular expressions by Matija Lah Relational division by Peter Larsson SQL FILESTREAM: to BLOB or not to BLOB by Ben Miller Writing unit tests for Transact-SQL by Luciano Moreira Getting asynchronous with Service Broker by Mladen Prajdic Effective use of HierarchyId by Denis Reznik Let Service Broker help you scale your application by Allen White PART 4 PERFORMANCE TUNING AND OPTIMIZATION Edited by Brad M. McGehee Hardware 201: selecting and sizing database server hardware by Glenn Berry Parameter sniffing: your best friendexcept when it isn't by Grant Fritchey Investigating the plan cache by Jason Strate What are you waiting for? An introduction to waits and queues by Robert Pearl You see sets, and I see loops by Linchi Shea Performance-tuning the transaction log for OLTP workloads by Brad M. McGehee Strategies for unraveling tangled code by Jennifer McCown Using PAL to analyze SQL Server performance by Tim Chapman Tuning JDBC for SQL Server by Jungsun Kim PART 5 BUSINESS INTELLIGENCE Edited by Greg Low Creating a formal Reporting Services report part library by Jessica M. Moss Improving report layout and visualization by Greg Low Developing sharable managed code expressions in SSRS by William Vaughn Designing reports with custom MDX queries by Paul Turley Building a scale-out Reporting Services farm by Edwin

Sarmiento Creating SSRS reports from SSAS by Robert Cain Optimizing SSIS for dimensional data loads by Michael Coles SSIS configurations management by Andy Leonard Exploring different types of enumerators in the SSIS Foreach Loop container by Abolfazl Radgoudarzi and Shahriar Nikkhah Late-arriving dimensions in SSIS by John Welch Why automate tasks with SSIS? by Ted Krueger Extending SSIS using the Script component by Tim Mitchell ETL design checklist by Rafael Salas Autogenerating SSAS cubes by Johan Ahlen Scripting SSAS databases - AMO and PowerShell, Better Together by Darren Gosbell Managing context in MDX by Boyan Penev Using time intelligence functions in PowerPivot by Thiago Zavaschi Easy BI with Silverlight PivotViewer by Gogula Aryalingam Excel as a BI frontend tool by Pedro Perfeito Real-time BI with StreamInsight by Allan Mitchell BI solution development design considerations by Siddharth Mehta

Windows PowerShell 3.0 Step by Step

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 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 entries Controlling networking, printing, and software installation Manipulating Active Directory and other enterprise services with PowerShell Using PowerShell to enforce stronger system and network security Storing data in files,

Windows Server 2019 Inside Out

Automate Windows server tasks with the powerful features of the PowerShell Language Key Features Leverage PowerShell to automate complex Windows server tasks Master new features such as DevOps, and containers, and speed up their performance using PowerShell Improve PowerShell's usability, and control and manage Windows-based environments by working through exciting recipes Book

Description Windows Server 2019 represents the latest version of Microsoft's flagship server operating system. It also comes with PowerShell Version 5.1 and has a number of additional features that IT pros find useful. The book helps the reader learn how to use PowerShell and manage core roles, features, and services of Windows Server 2019. You will begin with creating a PowerShell Administrative Environment that has updated versions of PowerShell and the Windows Management Framework, updated versions of the .NET Framework, and third-party modules. Next, you will learn to use PowerShell to set up and configure Windows Server 2019 networking and also managing objects in the AD environment. You will also learn to set up a host to utilize containers and how to deploy containers. You will also be implementing different mechanisms for achieving desired state configuration along with getting well versed with Azure infrastructure and how to setup Virtual Machines, web sites, and shared files on Azure. Finally, you will be using some powerful tools you can use to diagnose and resolve issues with Windows Server 2019. By the end of the book, you will learn a lot of trips and tricks to automate your windows environment with PowerShell What you will learn Perform key admin tasks on Windows Server 2019 Employing best practices for writing PowerShell scripts and configuring Windows Server 2019 Use the .NET Framework to achieve administrative scripting Set up VMs, websites, and shared files on Azure Report system performance using built-in cmdlets and WMI to obtain single measurements Know the tools you can use to diagnose and resolve issues with Windows Server Who this book is for If you are a systems administrator,

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

Optimizing and Troubleshooting Hyper-V Networking

A guide to using Windows PowerShell to script Windows administrative tasks and control Windows from the command line.

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