

Mastering Permissions With Icacls Exe Command Thru The Gui

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Conquer today's Windows 10—from the inside out! Dive into Windows 10—and really put your Windows expertise to work. Focusing on the most powerful and innovative features of Windows 10, this supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all fully reflecting the major Windows 10 Anniversary Update. From new Cortana and Microsoft Edge enhancements to the latest security and virtualization features, you'll discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. Install, configure, and personalize the newest versions of Windows 10 Understand Microsoft's revamped activation and upgrade processes Discover major Microsoft Edge enhancements, including new support for extensions Use today's improved Cortana services to perform tasks, set reminders, and retrieve information Make the most of the improved ink, voice, touch, and gesture support in Windows 10 Help secure Windows 10 in business with Windows Hello and Azure AD Deploy, use, and manage new Universal Windows Platform (UWP) apps Take advantage of new entertainment options, including Groove Music Pass subscriptions and connections to your Xbox One console Manage files in the cloud with Microsoft OneDrive and OneDrive for Business Use the improved Windows 10 Mail and Calendar apps and the new Skype app Fine-tune performance and troubleshoot crashes Master high-efficiency tools for managing Windows 10 in the enterprise Leverage advanced Hyper-V features, including Secure Boot, TPMs, nested virtualization, and containers In addition, this book is part of the Current Book Service from Microsoft Press. Books in this program will receive periodic updates to address significant software changes for 12 to 18 months following the original publication date via a free Web Edition. Learn more at <https://www.microsoftpressstore.com/cbs>.

Stellar author team of Microsoft MVPs helps developers and administrators get the most out of Windows IIS 8 If you're a developer or administrator, you'll want to get thoroughly up to speed on Microsoft's new IIS 8 platform with this complete, in-depth reference. Prepare yourself to administer IIS 8 in not only commercial websites and corporate intranets, but also the mass web hosting market with this expert content. The book covers common administrative tasks associated with monitoring and managing an IIS environment--and then moves well beyond, into extensibility, scripted admin, and other complex topics. The book highlights automated options outside the GUI, options that include the PowerShell provider and AppCmd tool. It explores extensibility options for developers, including ISAPI and HTTPModules. And, it delves into security protocols and high availability/load balancing at a level of detail that is not often found in IIS books. Author team includes Microsoft MVPs and an IIS team member Covers the management and monitoring of Microsoft Internet Information Services (IIS) 8 for administrators and developers, including MOF and MOM Delves into topics not often included in IIS books, including using the PowerShell provider and AppCmd tool and other automated options, and extending IIS 8 with ISAPI or HTTPModules Explores security issues in depth, including high availability/load balancing, and the Kerberos, NTLM, and PKI/SSL protocols Explains how to debug and troubleshoot IIS Professional Microsoft IIS 8 features a wealth of information gathered from individuals running major intranets and web hosting facilities today, making this an indispensable and real-world reference to keep on hand. You're beyond the basics, so dive right into troubleshooting Windows 7 -- and really put your PC to work! This supremely organized reference describes hundreds of prevention tips, troubleshooting techniques, and recovery tools in one essential guide. It's all muscle and no fluff. Discover how the experts keep their Windows 7-based systems running smoothly -- and challenge yourself to new levels of mastery. Take control of essential Windows 7 maintenance and security features, such as the Action Center and User Account Control Master quick fixes to the most common problems using expert tips and step-by-step repair guides Implement best practices to help prevent and combat viruses, malware, and identity theft Apply advanced troubleshooting techniques by understanding how Windows 7 works Diagnose hardware problems and work safely with your PC Develop a recovery plan to restore your system and data in the event of a disaster Know when to use power utilities for advanced performance, maintenance, and diagnostics Your book -- online! Get your fully searchable online edition -- with unlimited access on the Web.

Presents step-by-step instructions for a variety of time-saving techniques using the Windows command line, covering such topics as running commands, using event-logging tools, maintaining network printers, and configuring TCP/IP networking services.

Splunk 7 Essentials, Third Edition

Mastering Microsoft Windows Server 2008 R2

Demystify machine data by leveraging datasets, building reports, and sharing powerful insights, 3rd Edition

MCTS Self-paced Training Kit (Exam 70-236)

Upgrading and Repairing Microsoft Windows

Solutions and Examples for Bash Users

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

You Will Learn Python 3! Zed Shaw has perfected the world's best system for learning Python 3. Follow it and you will succeed—just like the millions of beginners Zed has taught to date! You bring the discipline, commitment, and persistence; the author supplies everything else. In Learn Python 3 the Hard Way, you'll learn Python by working through 52 brilliantly crafted exercises. Read them. Type their code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you'll learn how a computer works; what good programs look like; and how to read, write, and think about code. Zed then teaches you even more in 5+ hours of video where he shows you how to break, fix, and debug your code—live, as he's doing the exercises. Install a complete Python environment Organize and write code Fix and break code Basic mathematics Variables Strings and text Interact with users Work with files Looping and logic Data structures using lists and dictionaries Program design Object-oriented programming Inheritance and composition Modules, classes, and objects Python packaging Automated testing Basic game development Basic web development It'll be hard at first. But soon, you'll just get it—and that will feel great! This course will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful, popular programming languages. You'll be a Python programmer. This Book Is Perfect For Total beginners with zero programming experience Junior developers who know one or two languages Returning professionals who haven't written code in years Seasoned professionals looking for a fast, simple, crash course in Python 3 Follow me on a step-by-step hacking journey where we pwn a high-profile fashion company. From zero initial access to remotely recording board meetings, we will detail every custom script and technique used in this attack, drawn from real-life findings, to paint the most realistic picture possible. Whether you are a wannabe pentester dreaming about real-life hacking experiences or an experienced ethical hacker tired of countless Metasploit tutorials, you will find unique gems in this book for you to try: -Playing with Kerberos -Bypassing Citrix & Applocker -Mainframe hacking -Fileless WMI persistence -NoSQL injections -Wiegand protocol -Exfiltration techniques -Antivirus evasion tricks -And much more advanced hacking techniques I have documented almost every tool and custom script used in this book. I strongly encourage you to test them out yourself and master their capabilities (and limitations) in an environment you own and control. Hack (safely) the Planet! (Previously published as How to Hack a Fashion Brand)

Historically, grief and spirituality have been jealously guarded as uniquely human experiences. Although non-human animal grief has been acknowledged in recent times, its potency has not been recognised as equal to human grief. Anthropocentric philosophical questions still underpin both academic and popular discussions. In Enter the Animal, Teya Brooks Pribac examines what we do and don't know about grief and spirituality. She explores the growing body of knowledge about attachment and loss and how they shape the lives of both human and non-human animals. A valuable addition to the vibrant interdisciplinary conversation about animal subjectivity, Enter the Animal identifies conceptual and methodological approaches that have contributed to the prejudice against nonhuman animals. It offers a compelling theoretical base for the consideration of grief and spirituality across species and highlights important ethical implications for how humans treat other animals.

Mastering Microsoft Windows 7 Administration

Design, deploy, and protect Active Directory Domain Services for Windows Server 2022

Windows 10 Inside Out (includes Current Book Service)

Tribe of Hackers

MCTS Self-Paced Training Kit (Exam 70-680)

Cybersecurity Advice from the Best Hackers in the World

The Operator Handbook takes three disciplines (Red Team, OSINT, Blue Team) and combines them into one complete reference guide. The book contains 123 individual references for many of the most frequently used tools and techniques by practitioners. Over 400 pages of content to assist the most seasoned cybersecurity veterans started in the career field. The goal of combining all disciplines into one book was to remove the artificial barriers that only certain knowledge exists within a "Team". The complex digital landscape demands some level of knowledge in all areas. The "Operator" culture should mean a well-rounded team member no matter the "Team" you're on. All cybersecurity practitioners are Operators. The Blue Team should observe and understand Red Team tactics, Red Team should continually push collaboration with the Blue Team. The Blue Team should continually work to peel back evidence of evil doers scattered across disparate data sources. In the spirit of having no separation, each reference is listed in alphabetical order. This not only does this remove those team separated notions, but it also aids in faster lookup. We've all had the same experience where we knew there was an "NMAP Cheat Sheet" under Networking, Windows, or Tools? In the Operator Handbook it begins with "N" so flip to the N's section. Also almost every topic is covered in "How to exploit X" and "Exploiting X" perspectives. Tools and topics covered: Cloud (AWS, Azure, GCP), Windows, macOS, Linux, Android, iOS, DevOps (Docker, Kubernetes), OSINT, Ports, Forensics, Malware, Defender tools, Attacker tools, OSINT tools, and various other supporting tools (Vim, iptables, nftables, etc...). This handbook was truly meant to be a single source for all tools and techniques an Operator can encounter while on the job. Search Copy Paste L33t.

Use Windows debuggers throughout the development cycle—and build better software Rethink your use of Windows debugging and tracing tools—and learn how to master data-driven software development. Led by a member of the Windows Fundamentals Team at Microsoft, you'll apply expert debugging and tracing techniques—and sharpen your analysis skills—through practical examples and common scenarios. Learn why experienced developers use debuggers in every step of the development process, and not just at the end. Discover how to: Go behind the scenes to examine how powerful Windows debuggers work Catch bugs early in the development cycle with static and runtime analysis strategies to tackle the most common code defects Apply expert tricks to handle user-mode and kernel-mode debugging tasks Implement postmortem techniques such as memory debugging Debug the concurrency and security aspects of your software Use debuggers to analyze interactions between your code and the operating system Analyze

Xperf and the Event Tracing for Windows (ETW) framework

Conquer SQL Server 2017 administration—from the inside out Dive into SQL Server 2017 administration—and really put your SQL Server DBA expertise to work. This su reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2017 in any production envi cloud, or hybrid. Four SQL Server experts offer a complete tour of DBA capabilities available in SQL Server 2017 Database Engine, SQL Server Data Tools, SQL Server Ma Studio, and via PowerShell. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. • Install, customize, and use SQL Serv administration and development tools • Manage memory, storage, clustering, virtualization, and other components • Architect and implement database infrastructure, in SQL, and hybrid cloud configurations • Provision SQL Server and Azure SQL databases • Secure SQL Server via encryption, row-level security, and data masking • Safegu databases using platform threat protection, firewalling, and auditing • Establish SQL Server IaaS network security groups and user-defined routes • Administer SQL Ser permissions • Efficiently design tables using keys, data types, columns, partitioning, and views • Utilize BLOBs and external, temporal, and memory-optimized tables • M optimization techniques involving concurrency, indexing, parallelism, and execution plans • Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid en Experienced SQL Server Administrators and Other Database Professionals • Your role: Intermediate-to-advanced level SQL Server database administrator, architect, deve performance tuning expert • Prerequisites: Basic understanding of database administration procedures

Tribe of Hackers: Cybersecurity Advice from the Best Hackers in the World (9781119643371) was previously published as Tribe of Hackers: Cybersecurity Advice from the World (9781793464187). While this version features a new cover design and introduction, the remaining content is the same as the prior release and should not updated product. Looking for real-world advice from leading cybersecurity experts? You've found your tribe. Tribe of Hackers: Cybersecurity Advice from the Best Hack your guide to joining the ranks of hundreds of thousands of cybersecurity professionals around the world. Whether you're just joining the industry, climbing the corporo considering consulting, Tribe of Hackers offers the practical know-how, industry perspectives, and technical insight you need to succeed in the rapidly growing informa This unique guide includes inspiring interviews from 70 security experts, including Lesley Carhart, Ming Chow, Bruce Potter, Robert M. Lee, and Jayson E. Street. Get th biggest cybersecurity myths and misconceptions about security Learn what qualities and credentials you need to advance in the cybersecurity field Uncover which life while Understand how social media and the Internet of Things has changed cybersecurity Discover what it takes to make the move from the corporate world to your o Find your favorite hackers online and continue the conversation Tribe of Hackers is a must-have resource for security professionals who are looking to advance their o perspective, and get serious about cybersecurity with thought-provoking insights from the world's most noteworthy hackers and influential security specialists.

Exam Ref 70-687

Bash Cookbook

Learn Python 3 the Hard Way

Kali Linux Penetration Testing Bible

Windows Server 2008 Administrator's Pocket Consultant

Designing Cloud Solutions

If you hope to outmaneuver threat actors, speed and efficiency need to be key components of your cybersecurity operations. Mastery of the standard command line interface (CLI) is an invaluable skill in times of crisis because no other software application can match the CLI's availability, flexibility, and agility. This practical guide shows you how to use the CLI with the bash shell to perform tasks such as data collection and analysis, intrusion detection, reverse engineering, and administration. Authors Paul Troncone, founder of Digadel Corporation, and Carl Albing, coauthor of bash Cookbook (O'Reilly), provide insight into command line tools and techniques to help defensive operators collect data, analyze logs, and monitor networks. Penetration testers will learn how to leverage the enormous amount of functionality built into every version of Linux to enable offensive operations. With this book, security practitioners, administrators, and students will learn how to: Collect and analyze data, including system logs Search for and through files Detect network and host changes Develop a remote access toolkit Format output for reporting Develop scripts to automate tasks

This comprehensive exam guide offers 100% coverage of every topic on the CompTIA PenTest+ exam Get complete coverage of all the objectives included on the CompTIA PenTest+ certification exam PT0-001 from this comprehensive resource. Written by an expert penetration tester, the book provides learning objectives at the beginning of each chapter, hands-on exercises, exam tips, and practice questions with in-depth answer explanations. Designed to help you pass the exam with ease, this definitive volume also serves as an essential on-the-job reference. Covers all exam topics, including: •Pre-engagement activities •Getting to know your targets •Network scanning and enumeration •Vulnerability scanning and analysis •Mobile device and application testing •Social engineering •Network-based attacks •Wireless and RF attacks •Web and database attacks •Attacking local operating systems •Physical penetration testing •Writing the pen test report •And more Online content includes: •Interactive performance-based questions •Test engine that provides full-length practice exams or customized quizzes by chapter or by exam domain

Transform machine data into powerful analytical intelligence using Splunk Key Features Analyze and visualize machine data to step into the world of Splunk! Leverage the exceptional analysis and visualization capabilities to make informed decisions for your business This easy-to-follow, practical book can be used by anyone - even if you have never managed data before Book Description Splunk is a search, reporting, and analytics software platform for machine data, which has an ever-growing market adoption rate. More organizations than ever are adopting Splunk to make informed decisions in areas such as IT operations, information security, and the Internet of Things. The first two chapters of the book will get you started with a simple Splunk installation and set up of a sample machine data generator, called Eventgen. After this, you will learn to create various reports, dashboards, and alerts. You will also explore Splunk's Pivot functionality to model data for business users. You will then have the

opportunity to test-drive Splunk's powerful HTTP Event Collector. After covering the core Splunk functionality, you'll be provided with some real-world best practices for using Splunk, and information on how to build upon what you've learned in this book. Throughout the book, there will be additional comments and best practice recommendations from a member of the SplunkTrust Community, called "Tips from the Fez". What you will learn Install and configure Splunk for personal use Store event data in Splunk indexes, classify events into sources, and add data fields Learn essential Splunk Search Processing Language commands and best practices Create powerful real-time or user-input dashboards Be proactive by implementing alerts and scheduled reports Tips from the Fez: best practices using Splunk features and add-ons Understand security and deployment considerations for taking Splunk to an organizational level Who this book is for This book is for the beginners who want to get well versed in the services offered by Splunk 7. If you want to be a data/business analyst or want to be a system administrator, this book is what you want. No prior knowledge of Splunk is required.

Your ultimate guide to pentesting with Kali Linux Kali is a popular and powerful Linux distribution used by cybersecurity professionals around the world. Penetration testers must master Kali's varied library of tools to be effective at their work. The Kali Linux Penetration Testing Bible is the hands-on and methodology guide for pentesting with Kali. You'll discover everything you need to know about the tools and techniques hackers use to gain access to systems like yours so you can erect reliable defenses for your virtual assets. Whether you're new to the field or an established pentester, you'll find what you need in this comprehensive guide. Build a modern dockerized environment Discover the fundamentals of the bash language in Linux Use a variety of effective techniques to find vulnerabilities (OSINT, Network Scan, and more) Analyze your findings and identify false positives and uncover advanced subjects, like buffer overflow, lateral movement, and privilege escalation Apply practical and efficient pentesting workflows Learn about Modern Web Application Security Secure SDLC Automate your penetration testing with Python

Infrastructure as Code on Azure

Red Team + OSINT + Blue Team Reference

Windows 10 Troubleshooting

Operator Handbook

Microsoft Windows Command-line Administrator's Pocket Consultant

Security Strategies in Windows Platforms and Applications

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

This book is your guide to mastering Bicep! It contains practical solutions and examples to help you jump start your journey towards Infrastructure as Code for Azure! Book Description Infrastructure becoming successful in the Azure Cloud. Azure Resource Manager allows you to create resources in Azure in a declarative way. For many years we have been using ARM Templates to declare resources. Although ARM Templates are very powerful, the implementation of the JSON language is hard to read, maintain and debug. Bicep, a Domain Specific Language, overcomes these issues by providing a thin layer on top of ARM and ARM Templates. This significantly improves the authoring experience. Bicep is easy to understand at a glance and straightforward to learn regardless of your experience with declarative languages. The book starts with some history and background in Infrastructure as Code and ARM Templates. It continues by explaining Bicep and providing guidance on how to get started. After the end of your journey by understanding the syntax of Bicep. You will start by learning the basics first and you will gradually dive deeper in the more advanced scenarios. The book also contains a dedicated chapter on an example which provides you with great insights on how to leverage Bicep for production usage. Part of this book is also the Bicep playground, visualizer and a PowerShell module for Bicep provided in the code used in this book is available on a dedicated GitHub repository. What you will learn How to get started with the Bicep CLI and VSCode Extension Deploying Bicep files to Azure, including templates Bicep file structure How to use the basic concepts of variables, parameters, tags, decorators, expressions, and symbolic names Getting familiar with more advanced topics like dependencies, loops, conditional modules, and nesting Leveraging features like snippets, scaffolding, and linter that support you while authoring Bicep templates. Who this book is intended for DevOps engineers, developers, consultants with or without experience in ARM Templates and infrastructure as code looking to get started with Bicep. Table of Contents 1 Why this book 2 What is project bicep 3 Getting started 4 Bicep file structure 5 Deploying bicep files to azure 6 Bicep syntax 7 Bicep playground and example code 8 Bicep visualizer 9 Template specs 10 Guest Chapter: Bicep PowerShell module 11 A real-world example 12 Alternatives to Bicep About the author

This is the Lab Manual to accompany 70-697: Configuring Windows Devices exam. This is a standalone product, access to 70-697: Configuring Windows Devices exam sold separately. Students pursuing the Microsoft Certified Technology Specialist (MCTS): Windows 7, Configuration certification. Solutions Associate (MCSA) for Windows 10 will need to complete the 70-697: Configuring Windows Devices exam, after finishing the 70-698. This exam provides key enterprise-level training for Windows 10 Technology professionals. Exam 70-697 is the second exam required to earn the Windows 10 MCSA credential. Exam 70-697 is recommended as a follow-up to 70-698. This exam validates a candidate's knowledge and skills for building solid identities, protection of content (data loss protection), mobile device management policy, virtualization with Hyper-V, application management using the Company Portal and Windows 10. Candidates will be evaluated on Windows 10 security and integrated Azure features. Microsoft Official Academic Course (MOAC) textbooks are designed for instructor-led classroom courses.

NOTE: The most recent printings of this title incorporate corrections to errors found in the earlier printings. This Self-Paced Training Kit is designed to help maximize your performance on 70-680, the Microsoft® Certified Technology Specialist (MCTS): Windows 7, Configuration certification. This 2-in-1 kit includes the official Microsoft study guide, plus practice tests on CD to help you assess your knowledge with the tools and features exam candidates want most--including in-depth, self-paced training based on final exam content; rigorous, objective-by-object.

Learn PowerShell Scripting in a Month of Lunches

Configuring Windows® 7 (Corrected Reprint Edition).

Configuring Microsoft Exchange Server 2007

Internet Information Services (IIS) 7.0 Administrator's Pocket Consultant

Microsoft Azure Infrastructure Services for Architects

Do More with Your PC

The key to mastering any Unix system, especially Linux and Mac OS X, is a thorough knowledge of shell scripting. Scripting is a way to harness and customize the power of any Unix system, and it's an essential skill for any Unix users, including system administrators and professional OS X developers. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. bash Cookbook teaches shell scripting the way Unix masters practice the craft. It presents a variety of recipes and tricks for all levels of shell programmers so that anyone can become a proficient user of the most common Unix shell --

the bash shell -- and cygwin or other popular Unix emulation packages. Packed full of useful scripts, along with examples that explain how to create better scripts, this new cookbook gives professionals and power users everything they need to automate routine tasks and enable them to truly manage their systems -- rather than have their systems manage them.

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 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.

Beginning Windows 10 takes you through the new features of this amazing new operating system, revealing some of its surprising capabilities, and helping you customize it to suit you. Whether you are new to Windows, or you want to get up to speed with the latest features and changes, this book has everything you need to get started. Author Mike Halsey shows you how to create an environment for school, work, and play that puts the important things at your fingertips, while combining them in ways you never thought possible. Learn how to carry your personalized Windows experience with you as part of your Microsoft account instead of having it tied to one device, while also keeping everything safe, secure and backed up, so you can enjoy peace of mind with your new PC. With the right start, your PC can become a tool that works for you, not against you, and leaves more of your time and energy free for the things that matter to you. Beginning Windows 10 shows you how. What You'll Learn About the ins and outs of the Windows 10 interface and its new features How to personalize your Windows experience to give trouble-free performance How to manage your Microsoft account across different devices and services in the home, at work, and on the move How to maximize your productivity with Windows 10 How to secure and configure Windows 10 to guarantee a safe and secure experience How to use, hack and manipulate Windows to enable advanced customization Who This Book Is For Beginning Windows 10 is for people new to Windows or who want to get up to speed with the latest version. This book also can help people who already know how to perform routine tasks learn how to get more out of Windows, their computer and their time. Whether you want to get up and running with Windows 10, or want to go to the next level and learn useful ways to minimize problems, maximize performance, and optimize your overall Windows experience, this book is for you.

70-697 Configuring Windows Devices

Attack, Defend, and Analyze from the Command Line

Configuring Windows 8.1

Mastering Docker, Fourth Edition

Exam Ref 70-698 Installing and Configuring Windows 10

Getting Started with Bicep

Portable and precise, this pocket-sized guide delivers immediate answers for the day-to-day administration of Web servers running Microsoft Internet Information Services (IIS) 6.0. Zero in on core IIS support procedures and everyday tasks using quick-reference tables, step-by-step instructions, and lists. You get the focused, streamlined information you need to solve problems and get the job done—whether you're at your desk or in the field! Get fast facts to: Install Web and application server components Learn core techniques for managing IIS Configure Web sites, servers, and virtual directories Customize Web content, including error messages and redirection Manage Web applications, application pools, and Microsoft ASP.NET Configure SMTP, POP3, and advanced messaging options Implement security

features—permissions, certificates, SSL Monitor and optimize IIS performance Manage IIS backups and metabase configurations
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

Mastering Microsoft Windows Server 2008 R2 John Wiley & Sons

Summary Discover how scripting is different from command-line PowerShell, as you explore concrete hands-on examples in this handy guide. The book includes and expands on many of the techniques presented in Learn PowerShell Toolmaking in a Month of Lunches. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Automate it! With Microsoft's PowerShell language, you can write scripts to control nearly every aspect of Windows. Just master a few straightforward scripting skills, and you'll be able to eliminate repetitive manual tasks, create custom reusable tools, and build effective pipelines and workflows. Once you start scripting in PowerShell, you'll be amazed at how many opportunities you'll find to save time and effort. About the Book Learn PowerShell Scripting in a Month of Lunches teaches you how to expand your command-line PowerShell skills into effective scripts and tools. In 27 bite-size lessons, you'll discover instantly useful techniques for writing efficient code, finding and squashing bugs, organizing your scripts into libraries, and much more. Advanced scripters will even learn to access the .NET Framework, store data long term, and create nice user interfaces. What's Inside Designing functions and scripts Effective pipeline usage Dealing with errors and bugs Professional-grade scripting practices About the Reader Written for devs and IT pros comfortable with PowerShell and Windows. About the Authors Don Jones is a PowerShell MVP, speaker, and trainer who has written dozens of books on information technology topics. Jeffery Hicks is a PowerShell MVP and an independent consultant, trainer, and author. Don and Jeff coauthored Manning's Learn Windows PowerShell in a Month of Lunches, Learn PowerShell Toolmaking in a Month of Lunches, and PowerShell in Depth. Table of Contents PART 1 - INTRODUCTION TO SCRIPTING Before you begin Setting up your scripting environment WWPd: what would PowerShell do? Review: parameter binding and the PowerShell pipeline Scripting language crash course The many forms of scripting (and which to use) Scripts and security PART 2 - BUILDING A POWERSHELL SCRIPT Always design first Avoiding bugs: start with a command Building a basic function and script module Going advanced with your function Objects: the best kind of output Using all the pipelines Simple help: making a comment Dealing with errors Filling out a manifest PART 3 - GROWN-UP SCRIPTING Changing your brain when it comes to scripting Professional-grade scripting An introduction to source control with git Pestering your script Signing your script Publishing your script PART 4 - ADVANCED TECHNIQUES Squashing bugs Making script output prettier Wrapping up the .NET Framework Storing data-not in Excel! Never the end
Cybersecurity Ops with bash

Beginning Windows 10

A Very Simple Introduction to the Terrifyingly Beautiful World of Computers and Code

Cross-species perspectives on grief and spirituality

Troubleshooting Windows 7 Inside Out

An expert guide for IT administrators needing to create and manage a public cloud and virtual network using Microsoft Azure With Microsoft Azure challenging Amazon Web Services (AWS) for market share, there has been no better time for IT professionals to broaden and expand their knowledge of Microsoft's flagship virtualization and cloud computing service. Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions helps readers develop the skills required to understand the capabilities of Microsoft Azure for Infrastructure Services and implement a public cloud to achieve full virtualization of data, both on and off premise. Microsoft Azure provides granular control in choosing core infrastructure components, enabling IT administrators to deploy new Windows Server and Linux virtual machines, adjust usage as requirements change, and scale to meet the infrastructure needs of their entire organization. This accurate, authoritative book covers topics including IaaS cost and options, customizing VM storage, enabling external connectivity to Azure virtual machines, extending Azure Active Directory, replicating and backing up to Azure, disaster recovery, and much more. New users and experienced professionals alike will: Get expert guidance on understanding, evaluating, deploying, and maintaining Microsoft Azure environments from Microsoft MVP and technical specialist John Savill Develop the skills to set up cloud-based virtual machines, deploy web servers, configure hosted data stores, and use other key Azure technologies Understand how to design and implement serverless and hybrid solutions Learn to use enterprise security guidelines for Azure deployment Offering the most up to date information and practical advice, Microsoft Azure Infrastructure Services for Architects: Designing Cloud Solutions is an essential resource for IT administrators, consultants and engineers responsible for learning, designing, implementing, managing, and maintaining

Microsoft virtualization and cloud technologies.

This effective self-study guide serves as an accelerated review of all exam objectives for the CompTIA PenTest+ certification exam. This concise, quick-review test preparation guide offers 100% coverage of all exam objectives for the new CompTIA PenTest+ exam. Designed as an accelerated review of all the key information covered on the exam, the Passport's established pedagogy enables you to tailor a course for study and drill down into the exam objectives. Special elements highlight actual exam topics and point you to additional resources for further information. Written by an IT security expert and experienced author, CompTIA PenTest+ Certification Passport (Exam PT0-001) focuses on exactly what you need to know to pass the exam. The book features end of chapter review sections that provide bulleted summations organized by exam objective. Accurate practice exam questions with in-depth answer explanations aid in retention, reinforce what you have learned, and show how this information directly relates to the exam. • Online content includes access to the TotalTester online test engine with 200 multiple-choice practice questions and additional performance-based questions • Follows the newly-refreshed Certification Passport series developed by training guru Mike Meyers • Includes a 10% off exam voucher coupon, a \$35 value

Conquer SQL Server 2019 administration—from the inside out Dive into SQL Server 2019 administration—and really put your SQL Server DBA expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2019 in any production environment: on-premises, cloud, or hybrid. Six experts thoroughly tour DBA capabilities available in SQL Server 2019 Database Engine, SQL Server Data Tools, SQL Server Management Studio, PowerShell, and Azure Portal. You'll find extensive new coverage of Azure SQL, big data clusters, PolyBase, data protection, automation, and more. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery. Explore SQL Server 2019's toolset, including the improved SQL Server Management Studio, Azure Data Studio, and Configuration Manager Design, implement, manage, and govern on-premises, hybrid, or Azure database infrastructures Install and configure SQL Server on Windows and Linux Master modern maintenance and monitoring with extended events, Resource Governor, and the SQL Assessment API Automate tasks with maintenance plans, PowerShell, Policy-Based Management, and more Plan and manage data recovery, including hybrid backup/restore, Azure SQL Database recovery, and geo-replication Use availability groups for high availability and disaster recovery Protect data with Transparent Data Encryption, Always Encrypted, new Certificate Management capabilities, and other advances Optimize databases with SQL Server 2019's advanced performance and indexing features Provision and operate Azure SQL Database and its managed instances Move SQL Server workloads to Azure: planning, testing, migration, and post-migration

Prepare for Microsoft Exam 70-697—and help demonstrate your real-world mastery of configuring Windows 10 devices in the enterprise. 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 as a Microsoft specialist. Focus on the expertise measured by these objectives: Manage identity Plan desktop and device deployment Plan and implement a Microsoft Intune device management solution Configure networking and storage Manage data access and protection Manage remote access Manage apps Manage updates and recovery This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have experience with Windows desktop administration, maintenance, and troubleshooting; basic experience and understanding of Windows networking; and introductory-level knowledge of Active Directory and Microsoft Intune

Enter the Animal

CompTIA PenTest+ Certification All-in-One Exam Guide (Exam PT0-001)

Optimizing and Troubleshooting Hyper-V Networking

Inside Windows Debugging

How to Hack Like a God: Master the Secrets of Hacking Through Real Life Scenarios

Exam Ref 70-697 Configuring Windows Devices

Become an expert at managing enterprise identity infrastructure with Active Directory Domain Services 2022 Key Features Design and update your identity infrastructure by utilizing the latest Active Directory features and core capabilities Overcome migration challenges as you update to Active Directory Domain Services 2022 Establish a strong identity foundation in the cloud by consolidating secure access Book Description Mastering Active Directory, Third Edition is a comprehensive guide for Information Technology professionals looking to improve their knowledge about MS Windows Active Directory Domain Service. The book will help you to use identity elements effectively and manage your organization's infrastructure in a secure and efficient way. This third edition has been fully updated to reflect the importance of cloud-based strong authentication and other tactics to protect identity infrastructure from emerging security threats. Mastering Active Directory, Third Edition provides extensive coverage of AD Domain Services and helps you explore their capabilities as you update to Windows Server 2022. This book will also teach you how to extend on-premises

identity presence to cloud via Azure AD hybrid setup. By the end of this Microsoft Active Directory book, you'll feel confident in your ability to design, plan, deploy, protect, and troubleshoot your enterprise identity infrastructure. What you will learn
Install, protect, and manage Active Directory Domain Services (Windows Server 2022)
Design your hybrid identity by evaluating business and technology requirements
Automate administrative tasks in Active Directory using Windows PowerShell 7.x
Protect sensitive data in a hybrid environment using Azure Information Protection
Learn about Flexible Single Master Operation (FSMO) roles and their placement
Manage directory objects effectively using administrative tools and PowerShell
Centrally maintain the state of user and computer configuration by using Group Policies
Harden your Active Directory using security best practices
Who this book is for If you are an Active Directory administrator, system administrator, or IT professional who has basic knowledge of Active Directory and is looking to become an expert in this topic, this book is for you. You need to have some experience of working with Active Directory to make the most of this book.

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 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!

Fully updated for Windows 8.1! Prepare for Microsoft Exam 70-687 - and help demonstrate your real-world mastery of configuring Windows 8.1 in the enterprise. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA or MCSE level. Focus on the expertise measured by these objectives: Install and upgrade to Windows 8.1
Configure hardware and applications
Configure network connectivity
Configure access to resources
Configure remote access and mobility
Monitor and maintain Windows clients
Configure backup and recovery options
This Microsoft Exam Ref: Organizes its coverage by objectives for Exam 70-688.
Features strategic, what-if scenarios to challenge you. Designed for IT professionals who have real-world experience configuring or supporting Windows 8.1 computers, devices, users, and associated network and security resources. Note: Exam 70-688 counts as credit toward MCSA and MCSE certifications

Learn how to troubleshoot Windows 10 the way the experts do, whatever device or form-factor you're using. Focus on the problems that most commonly plague PC users and fix each one with a step-by-step approach that helps you understand the cause, the solution, and the tools required. Discover the connections between the different hardware and software in your devices, and how their bonds with external hardware, networks, and the Internet are more dependent than you think, and learn how to build resilience into any computer system, network, or device running Windows 10. If you're fed up of those nagging day-to-day issues, want to avoid costly repairs, or just want to learn more about how PCs work, Windows 10 Troubleshooting is your ideal one-stop guide to the Windows 10 operating system. What You Will Learn: Understand your PC's ecosystem and how to connect the dots, so you can successfully track problems to their source
Create resilient backups of your operating system, files, and documents, and enable quick and easy restore
Learn your way around Windows' built-in administration tools, to quickly fix the typical problems that come up
Diagnose and repair a wide range of common problems with printers and other essential peripherals
Solve complex startup problems that can prevent a PC from booting
Make your PC safe and secure for the whole family, and for everybody in your workplace
Understand the threat from malware and viruses and a range of approaches to dealing with them, depending on the situation
Bomb-proof your PC with advanced security, group policy, and firewall policies
Learn the top Tips and tricks for researching difficult problems, including third-party tools and useful web resources
Work with the registry, file system, and Sysinternals to troubleshooting PCs in the workplace
Who This Book Is For: Anyone using Windows 10 on a desktop, laptop, or hybrid device

SQL Server 2019 Administration Inside Out

Learn Windows PowerShell 3 in a Month of Lunches

Mastering Active Directory

Professional Microsoft IIS 8

CompTIA PenTest+ Certification Passport (Exam PT0-001)

SQL Server 2017 Administration Inside Out

A two-in-one training kit for exam 70-236 for the new Microsoft Certified Technology Specialist (CTS) furnishes the official Microsoft study guide, along with practice tests featuring more than four hundred review questions on CD-ROM, emphasizing a self-paced training approach that includes expert exam tips, objective-by-objective review, customizable testing options, real-world scenarios, case-study examples, and practice exercises. Original. (Intermediate/Advanced)

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.