

Mastering Microsoft Windows Server 2008 R2

Find all the information you need to manage and maintain Active Directory in **Mastering Active Directory for Windows Server® 2008**, an in-depth guide updated with over 300 pages of new material. Revised to address the new components, enhancements, and capabilities brought by Windows Server 2008 to the directory services, this book covers domain name system design, Active Directory forest and domain design, maintaining organizational units, managing group policy, implementing best practices, and more. Expect high-level coverage of the new version of Microsoft's powerful user authentication and authorization tool, fully updated for Windows Server 2008.

Enhance Windows security and protect your systems and servers from various cyber attacks
Key Features
Protect your device using a zero-trust approach and advanced security techniques
Implement efficient security measures using Microsoft Intune, Configuration Manager, and Azure solutions
Understand how to create cyber-threat defense solutions effectively
Book Description
Are you looking for effective ways to protect Windows-based systems from being compromised by unauthorized users? **Mastering Windows Security and Hardening** is a detailed guide that helps you gain expertise when implementing efficient security measures and creating robust defense solutions. We will begin with an introduction to Windows security fundamentals, baselining, and the importance of building a baseline for an organization. As you advance, you will learn how to effectively secure and harden your Windows-based system, protect identities, and even manage access. In the concluding chapters, the book will take you through testing, monitoring, and security operations. In addition to this, you'll be equipped with the tools you need to ensure compliance and continuous monitoring through security operations. By the end of this book, you'll have developed a full understanding of the processes and tools involved in securing and hardening your Windows environment. What you will learn
Understand baselining and learn the best practices for building a baseline
Get to grips with identity management and access management on Windows-based systems
Delve into the device administration and remote management of Windows-based systems
Explore security tips to harden your Windows server and keep clients secure
Audit, assess, and test to ensure controls are successfully applied and enforced
Monitor and report activities to stay on top of vulnerabilities
Who this book is for
This book is for system administrators, cybersecurity and technology professionals, solutions architects, or anyone interested in learning how to secure their Windows-based systems. A basic understanding of Windows security concepts, Intune, Configuration Manager, Windows

PowerShell, and Microsoft Azure will help you get the best out of this book.

Annotation Windows 2000 is one of most anticipated software releases in history and is a realization of a vision for desktop computing that Microsoft has been articulating for the past six years. The keystone and most eagerly anticipated new feature in the new administrative power inherent in the Windows 2000 Active Directory (AD). Windows 2000 Active Directory will provide the ideal foundation for achieving synergy between information about users, network infrastructure elements, and applications. Active Directory will provide the means to manage the entire network infrastructure from a single application. Active Directory will be a huge stumbling block for most administrators who need to get Windows 2000 up and running. Windows 2000 Active Directory will offer hands-on insight into the workings of the new and complex world of Active Directory. Through the use of case studies, troubleshooting tips, check lists, mitigation recommendations, and technological explanations, the reader will receive the expert advice of experienced authors and beta testers. In-depth and comprehensive, this official Microsoft RESOURCE KIT delivers the information you need to plan, deploy, and administer Remote Desktop Services in Windows Server 2008 R2. You get authoritative technical guidance from those who know the technology best-leading industry experts and members of the Microsoft Desktop Virtualization Team. Coverage includes scenarios for Remote Desktop Services (formerly known as Terminal Services), virtualizing roles, setting up Remote Desktop Virtualization Host (RDVS), managing application compatibility, customizing and locking down the user experience, using Windows PowerShell for configuration and management, administering security features, deploying a farm, publishing resources, managing sessions, and other life cycle issues. In addition, the RESOURCE KIT CD features a fully searchable electronic version of the book, along with sample scripts, white papers, links to tools and videocasts, and other essential resources. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

The complete guide for IT professionals to install and manage Windows Server 2019 and deploy new capabilities, 2nd Edition

Mastering Microsoft Windows Small Business Server 2008

Mastering Microsoft Exchange Server 2016

Windows Server 2008 Hyper-V

Windows 2000 Active Directory

An authoritative guide to investigating high-technology crimes Internet crime is seemingly ever on the rise, making the need for a comprehensive resource on how

to investigate these crimes even more dire. This professional-level book--aimed at law enforcement personnel, prosecutors, and corporate investigators--provides you with the training you need in order to acquire the sophisticated skills and software solutions to stay one step ahead of computer criminals. Specifies the techniques needed to investigate, analyze, and document a criminal act on a Windows computer or network Places a special emphasis on how to thoroughly investigate criminal activity and now just perform the initial response Walks you through ways to present technically complicated material in simple terms that will hold up in court Features content fully updated for Windows Server 2008 R2 and Windows 7 Covers the emerging field of Windows Mobile forensics Also included is a classroom support package to ensure academic adoption, Mastering Windows Network Forensics and Investigation, 2nd Edition offers help for investigating high-technology crimes.

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 Nano server 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.

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.

Become an expert at managing enterprise identity infrastructure by leveraging Active Directory Key Features
Explore the new features in Active Directory Domain Service
Manage your Active Directory services for Windows Server 2016 effectively
Automate administrative tasks in Active Directory using PowerShell Core 6.x

Book Description Active Directory (AD) is a centralized and standardized system that automates networked management of user data, security, and distributed resources and enables inter-operation with other directories. This book will first help you brush up on the AD architecture and fundamentals, before guiding you through core components, such as sites, trust relationships, objects, and attributes. You will then explore AD schemas, LDAP, RMS, and security best practices to understand objects and components and how they can be used effectively. Next, the book will provide extensive coverage of AD Domain Services and Federation Services for Windows Server 2016, and help you explore their new features. Furthermore, you will learn to manage your identity infrastructure for a hybrid cloud setup. All this will help you design, plan, deploy, manage operations, and troubleshoot your enterprise identity infrastructure in a secure and effective manner. You'll later discover Azure AD Module, and learn to automate administrative tasks using PowerShell cmdlets. All along, this updated second edition will cover content based on the latest version of Active Directory, PowerShell 5.1 and LDAP. By the end of this book, you'll be well versed with best practices and troubleshooting techniques for improving security and performance in identity infrastructures. What you will learn

Design your Hybrid AD environment by evaluating business and technology requirements
Protect sensitive data in a hybrid environment using Azure Information Protection
Explore 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
Control users, groups, and devices effectively
Design your OU structure in the most effective way
Integrate Azure AD with Active Directory Domain Services for a hybrid setup
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 is looking to become an expert in this topic, this book is for you.

Windows Server 2008 Hyper-V Unleashed

Microsoft Windows Server 2008 R2 Administrator's Reference

Install, configure, and manage ArcGIS Enterprise to publish, optimize, and secure GIS services

Mastering Microsoft Windows Server 2008 R2

Mastering Virtual Machine Manager 2008 R2

If you're curious, but hesitant, about finding your way around Microsoft's new Windows Server 2008, Windows Server 2008 For Dummies is the book for you. This friendly reference shows you everything you need to know — from installation and deployment to building and running a Windows Server 2008 network. Server-based networking really is a big deal, and this 100% plain-English guide helps you make the most of it. You'll find out about Windows Server 2008's important functions, capabilities and requirements; develop a network implementation plan; take a step-by-step walkthrough of the installation process; and get valuable tips on how to boost your bandwidth beyond belief! Before you know it, you'll be configuring connections to the Universe, working with active directory, and treating domains and controllers like old pals. Discover how to: Build and connect your network Install and configure Windows Server 2008 Set up and manage directory services Manage users and groups Install and manage print servers Secure your network Troubleshoot active networks Plan for installing Active Directory Proclaim and manage your own domain Resolve names between TCP/IP and NetBIOS Manage shares, permissions, and more Develop and implement a regular backup protocol Windows Server 2008 For Dummies may be easy-going, but it's simply packed with need-to-know stuff that will send you diving into Windows Server 2008 experience just for the fun of it. So start now!

Microsoft Windows Server 2008 R2: The Administrators Essential Reference introduces the Windows Server 2008 R2, which is Microsoft's flagship server operating system's latest release. The book explores its features; describes differences between the available editions; and discusses its deployment. After introducing Windows Server 2008 R2, the book explains its installation and configuration processes followed by its networking. It also examines different features, such as the active directory, internet information services 7.5, Hyper-V, and PowerShell V2. It discusses securing Windows Server 2008 R2 files and its print services, remote desktop services, high-availability and recovery features, and monitoring and troubleshooting; in addition, their delta changes are discussed in the final chapter. The book also explores the features that influence both Windows Server 2008 R2 and Windows 7. These features allow the server operating system to work with Windows 7. One feature is the BranchCache, which offers users who open files across a Wide Area Network a better end-user experience by caching copy in the branch office when a document or intranet Web site is opened for the first time. Another feature is DirectAccess, which is the new remote connectivity solution for Windows networks. Features information on how to plan, deploy, and administrate Windows Server 2008 R2 using best practice guidance Provides in-depth coverage of Hyper-V, DirectAccess, Remote Desktop Services, Active Directory, and BranchCache Includes Delta Changes to allow experienced administrators to quickly gain insight to changes between Windows Server 2008 and Windows Server 2008 R2

Designed to help enterprise administrators develop real-world, job-role-specific skills—this Training Guide focuses on deploying and managing core infrastructure services in Windows Server 2012. Build hands-on expertise through a series of lessons, exercises, and suggested practices—and help maximize your performance on the job. This Microsoft Training Guide: Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for deploying and managing Windows Server 2012 core services Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-410 Coverage includes: Deploying Servers and Domain

Controllers Remote Management Administering Active Directory Network Administration Using Group Policy Provisioning and Managing Storage Deploying Hyper-V Hosts Deploying and Managing Virtualized Workloads Deploying File Servers Managing Print Services

Find in-depth coverage of general networking concepts and basic instruction on Windows Server 2008 installation and management including active directory, DNS, Windows storage, and TCP/IP and IPv4 networking basics in Mastering Windows Server 2008 Networking Foundations. One of three new books by best-selling author Mark Minasi, this guide explains what servers do, how basic networking works (IP basics and DNS/WINS basics), and the fundamentals of the under-the-hood technologies that support staff must understand. Learn how to install Windows Server 2008 and build a simple network, security concepts, and basic Windows Server administration.

Professional Microsoft IIS 8

The Administrator's Essential Reference

Windows Server 2008 For Dummies

Secure and protect your Windows environment from intruders, malware attacks, and other cyber threats

Windows Server 2008 R2 Remote Desktop Services Resource Kit

Build a seamless, flexible, full-service datacenter solution Microsoft Windows Server 2016 Hyper-V is the IT administrator's guide to this rising datacenter solution. Hyper-V has already surpassed VMWare in datacenter management, identity service for multiple devices, and more; this book shows you how to harness the power of this hypervisor to simplify the infrastructure, reduce costs, improve productivity, and better manage system resources. From a tour of the technology through architecture, deployment, and integration of System Center, Microsoft Azure, and Microsoft Azure Stack, the discussion illustrates the skills you need to create a complete solution for optimum enterprise management. Coverage includes Windows Azure capabilities for virtual machines, managing a hybrid cloud, IaaS, storage capabilities, PowerShell, and more, with practical real-world guidance from a leading authority in the field. Hyper-V has recently undergone improvements in scalability and features that have positioned it as an ideal solution in the Small/Medium Business and Enterprise markets. This book shows you how to exploit these new capabilities to build a robust data solution for your organization. Discover the capabilities of Microsoft Hyper-V Architect a Hyper-V datacenter solution Plan and manage a deployment or migration Integrate complementary technologies for full scalability Data is everywhere—on desktops, laptops, phones, and multiple operating systems, accessed through email, text messages, web searches, online services, and more. All of this data must be stored, accessible, updated, backed up, secured, managed, sorted, and analyzed—sometimes instantly. Hyper-V is the rising star in the virtualization space, and Microsoft Windows Server 2016 Hyper-V shows you how to turn greater capabilities into better datacenter solutions.

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.

Learn, prepare, and practice for exam success Master every topic on Microsoft ' s new MCTS 70-640 exam. Assess your knowledge and focus your learning. Get the practical workplace knowledge you need! CD Includes Complete Sample Exam Start-to-finish MCTS 70-640 preparation from top Microsoft technology consultant, trainer, and author Don Poulton! Master every MCTS 70-640 topic! DNS and domain installation, including zones AD Domain Services installation Upgrading older domains Server settings and replication Global catalogs and operations masters Site management and data replication AD LDS, AD FS, and AD RMS roles Read-Only Domain Controller deployment User/group account management Trust relationships, including troubleshooting Group Policy Object configuration, usage, and hierarchies Software deployment via group policies Account and audit policy management Monitoring and maintenance Certificate Services installation, configuration, and management Test your knowledge, build your confidence, and succeed! Packed with visuals to help you learn fast Dozens of troubleshooting scenarios Real-world MCTS 70-640 prep advice from experts Easy-to-use exam preparation task lists From Don Poulton, professional Microsoft technology consultant, IT training expert, and best-selling exam guide author Don Poulton (A+, Network+, Security+, MCSA, MCSE) is an independent consultant who has been involved with computers since the days of 80-column punch cards. He has consulted extensively with training providers, preparing training and exam prep materials for Windows technologies. He has written or contributed to several Que titles, including MCTS 70-680 Cert Guide: Microsoft® Windows 7, Configuring; Security+ Lab Manual; and MCSA/MCSE 70-299 Exam Cram 2. CD Includes Complete Sample Exam Detailed explanations of correct and incorrect answers Multiple test modes Random questions and order of answers Shelving Category: Certification/Microsoft

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.

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

Mastering Windows Server 2016

Mastering Hyper-V Deployment

Mastering SQL Server 2008

Windows Server 2008 Active Directory, Configuring

A complete, winning approach to the number one small business solution Do you have 75 or fewer users or devices on your small-business network? Find out how to integrate everything you need for your mini-enterprise with Microsoft's new Windows Server 2008 Small Business Server, a custom collection of server and management technologies designed to help small operations run smoothly without a giant IT department. This comprehensive guide shows you how to master all SBS components as well as handle integration with other Microsoft technologies. Focuses on Windows Server 2008 Small Business Server, an integrated server solution for small business, and part of the new Windows Essential Server Solutions Covers the essentials of SBS deployment and setup, as well as integration with Windows Server 2008, Microsoft SQL Server 2008, Microsoft Exchange Server 2007, Windows SharePoint Services 3.0, Windows Update Services 3.0, Web Server technologies, and Windows Live OneCare for Server Walks you step-by-step through instructions and practical applications and provides plenty of real-world examples to reinforce concepts Get the very most out of Windows Server 2008 SBS with this comprehensive guide.

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.

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

and IT consultants deploying Hyper-V.

A bestselling Exchange Server guide, updated for the 2016 release Mastering Microsoft Exchange Server 2016 is the gold-standard reference for system administrators and first-time users alike. Fully updated to align with the latest release, this expert-led guide provides comprehensive coverage and easy-to-follow tutorials for all aspects of Exchange Server installation, configuration, and management. Whether you're migrating from an earlier version or installing Exchange Server for the first time, this book gives you quick access to the answers you need. Step-by-step instructions walk you through planning and design, installation, administration and management, maintenance, and more, so you can get up to speed quickly and get back to work. With a focus on the hands-on details, the Microsoft Certified Masters author team provides practical insight and invaluable guidance on every aspect of Exchange Server 2016, from mastering the basics to leveraging new features. Microsoft Exchange allows access to e-mail, voicemail, and calendars at any time, from almost any device. The 2016 release is designed specifically to appeal to enterprises; if you've been tasked with the implementation, this guide has the information you need. Get up to speed with the latest changes and features Understand server configurations, requirements, installation, and migration Manage mailboxes, groups, connectivity, and the client access server Troubleshoot common issues efficiently and effectively Exchange Server 2016 shifts even more control to the user, freeing administrators to perform more critical tasks. Beefed-up architecture and more centralized functions have eased configuration and upgrades, and a robust cloud implementation is expected to draw enterprises sooner rather than later. Systems administrators need to become familiar with the latest changes, and Mastering Microsoft Exchange Server 2016 is the ultimate reference and tutorial.

Mastering Active Directory for Windows Server 2008

MCSA 70-410

Mastering ArcGIS Enterprise Administration

Mastering Windows Server 2019

Insiders Guide to Microsoft's Hypervisor

As Microsoft's bestselling database manager, SQL Server is highly flexible and customizable, and has

excellent support—the 2008 version offers several significant new capabilities. This book offers accurate and expert coverage on the updates to SQL Server 2008 such as its enhanced security; the ability to encrypt an entire database, data files, and log files without the need for application changes; a scalable infrastructure that can manage reports and analysis of any size and complexity; and its extensive performance data collection.

Windows SharePoint Services (WSS) 3.0 is the latest version of the collaboration tool found in Windows Server 2003 R2 and also the underlying technology of Microsoft Office SharePoint Server (MOSS) 2007. In this comprehensive book you'll go under the hood of WSS 3.0 and discover how to make it easy to share documents, track tasks, create common workspaces where teams can work collectively, set up discussion groups, and more. Includes essential techniques for site creation, administration, customization, security, and disaster recovery, and practical steps for migrating from 2.0 to 3.0.

Book + Content Update Program This is the most comprehensive and realistic guide to Windows Server 2016 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective coverage of Windows Server 2016's key innovations, from the cloud and containers to security and mobility. Windows Server 2016 Unleashed reflects the authors' extraordinary experience implementing Windows Server 2016 in large-scale environments since its earliest alpha releases. Microsoft MVP Rand Morimoto and colleagues fully address all aspects of deploying and operating Windows Server 2016, including Active Directory, networking, application services, security, administration, business continuity, virtualization, optimization, and troubleshooting. You'll find up-to-the-minute coverage of new features ranging from Storage Spaces Direct to Cluster-Aware Updating, and Dynamic Access Control to Nano Server. Valuable for Windows pros at all levels, this book will be indispensable especially for intermediate-to-advanced level professionals seeking expert, in-depth solutions. Every chapter contains tips, tricks, best practices, and lessons learned from actual deployments—practical help for solving real problems. Detailed information on how to: Take full advantage of key Windows Server 2016 innovations Plan, prototype, install, migrate to, and deploy Windows Server 2016 and Server Core Design a modern Windows Server Active Directory, from OUs and infrastructure to Federated Forests and Lightweight Directories Deliver reliable networking services: DNS, WINS, DNSSEC, DHCP, IPv6, IPAM, and IIS Systematically harden server-level security Protect data in transit with PKI, certificates, rights management, and IPsec encryption Safely provide appropriate remote and mobile access for your users Efficiently administer, automate, maintain, and document Windows Server production environments Control Windows devices centrally with Group Policies and Policy Management Implement advanced fault tolerance, clustering, and other business continuity features Optimize, tune, and debug Windows Server, and plan for growth Leverage integrated application services, including SharePoint and Hyper-V In addition, this book is part of InformIT's

Read Book Mastering Microsoft Windows Server 2008 R2

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

Your one-stop reference for Windows Server 2019 and PowerShell know-how Windows Server 2019 & PowerShell All-in-One For Dummies offers a single reference to help you build and expand your knowledge of all things Windows Server, including the all-important PowerShell framework. Written by an information security pro and professor who trains aspiring system administrators, this book covers the broad range of topics a system administrator needs to know to run Windows Server 2019, including how to install, configure, and secure a system. This book includes coverage of: Installing & Setting Up Windows Server Configuring Windows Server 2019 Administering Windows Server 2019 Configuring Networking Managing Security Working with Windows PowerShell Installing and Administering Hyper-V Installing, Configuring, and Using Containers If you're a budding or experienced system administrator looking to build or expand your knowledge of Windows Server, this book has you covered.

Deploy and secure infrastructures with Active Directory, Windows Server 2016, and PowerShell Mastering Active Directory

Mastering Microsoft Windows 7 Administration

MCTS 70-640 Cert Guide

Training Guide Installing and Configuring Windows Server 2012 (MCSA)

Mastering Microsoft Windows Server 2008 R2 John Wiley & Sons

The ONLY Windows 2000 Resource You Need--Now With a New Emphasis on Security! The #1 choice of Windows administrators, **Mastering Windows 2000 Server** gives you all the conceptual and practical information you need to get the most out of Microsoft's flagship network operating system. This is the premier resource for configuring, administering, and tuning Windows 2000 Server as part of a corporate enterprise network. You can depend on it for clear, authoritative instruction in hundreds of techniques that will make your work easier and your job more secure. Coverage Includes: * Installing Windows 2000 * Configuring IP, DHCP, WINS, and DNS to achieve the right foundation for your network * Building and managing domains with Active Directory * Controlling hundreds, even thousands, of workstations with group policies * Prebuilding and delivering complete workstation images with Remote Installation Services * Deploying applications throughout the enterprise with Microsoft Installer * Understanding advanced DNS design and troubleshooting to keep your domains secure and running * Improving network resource accessibility with Dfs, Web folders, shared printers, and Web printing * Using Windows 2000 to share Internet Connections * Tuning and monitoring your network * Securing your network with new coverage of IPSec, certificates, security templates, simplified hotfix installations, auditing, and more * Offering Web content with Internet Information Services 5 Real Solutions to Real

Challenges If improving the real-world performance of your network is the bottom line, this book delivers the goods. It shows you how to design and manage a multiple-platform network, build a Windows-based intranet, find the right data backup strategy, prevent and recover from disasters, and much more. There's no end to what you'll accomplish with practical, step-by-step instruction from the expert who has actually done it all on live networks!

Learn how to confidently install, configure, secure, and fully utilize your ArcGIS Enterprise system. About This Book Install and configure the components of ArcGIS Enterprise to meet your organization's requirements Administer all aspects of ArcGIS Enterprise through user interfaces and APIs Optimize and Secure ArcGIS Enterprise to make it run efficiently and effectively Who This Book Is For This book will be geared toward senior GIS analysts, GIS managers, GIS administrators, DBAs, GIS architects, and GIS engineers that need to install, configure, and administer ArcGIS Enterprise 10.5.1. What You Will Learn Effectively install and configure ArcGIS Enterprise, including the Enterprise geodatabase, ArcGIS Server, and Portal for ArcGIS Incorporate different methodologies to manage and publish services Utilize the security methods available in ArcGIS Enterprise Use Python and Python libraries from Esri to automate administrative tasks Identify the common pitfalls and errors to get your system back up and running quickly from an outage In Detail ArcGIS Enterprise, the next evolution of the ArcGIS Server product line, is a full-featured mapping and analytics platform. It includes a powerful GIS web services server and a dedicated Web GIS infrastructure for organizing and sharing your work. You will learn how to first install ArcGIS Enterprise to then plan, design, and finally publish and consume GIS services. You will install and configure an Enterprise geodatabase and learn how to administer ArcGIS Server, Portal, and Data Store through user interfaces, the REST API, and Python scripts. This book starts off by explaining how ArcGIS Enterprise 10.5.1 is different from earlier versions of ArcGIS Server and covers the installation of all the components required for ArcGIS Enterprise. We then move on to geodatabase administration and content publication, where you will learn how to use ArcGIS Server Manager to view the server logs, stop and start services, publish services, define users and roles for security, and perform other administrative tasks. You will also learn how to apply security mechanisms on ArcGIS Enterprise and safely expose services to the public in a secure manner. Finally, you'll use the RESTful administrator API to automate server management tasks using the Python scripting language. You'll learn all the best practices and troubleshooting methods to streamline the management of all the interconnected parts of ArcGIS Enterprise. Style and approach The book takes a pragmatic approach, starting with installation & configuration of ArcGIS Enterprise to finally building a robust GIS web infrastructure for your organization.

Get professional-level instruction on Windows 7 deployment tools Enterprise-level operating system deployment is challenging and requires knowledge of specific tools. It is expected that Windows 7 will be extensively deployed in businesses worldwide. This comprehensive Sybex guide provides thorough coverage of the Microsoft deployment tools that were specifically created for Windows 7, preparing system administrators, MIS professionals, and corporate programmers to tackle the task effectively. Companies worldwide are expected to deploy Windows 7 as their enterprise operating system; system administrators and IT professionals need comprehensive instruction on Microsoft's deployment tools This complete guide provides clear, step-by-step instruction on planning, installing, configuring, deploying, and troubleshooting deployment methods for each tool Covers the Microsoft Assessment and Planning (MAP) Toolkit, Application Compatibility

Toolkit (ACT), Windows PE, Windows Automated Installation Kit (WAIK), Windows System Image Manager (WSIM), Easy Transfer, User State Migration Toolkit (USMT), Windows Deployment Services, Microsoft Deployment Toolkit 2010, System Center Configuration Manager, Key Management Service, and Volume Activation Management Tool (VAMT) Illustrated with plenty of real-world scenarios, Mastering Windows Deployment provides the hands-on instruction you need to fully understand and use each deployment technology.

Mastering Windows Server 2012 R2

Mastering Windows Server 2008 Networking Foundations

Windows Server 2008 Inside Out

Mastering Windows 2000 Server

Mastering Windows Network Forensics and Investigation

Using the Hyper-V virtualization capabilities built into Windows Server 2008, organizations can slash costs for power, space, and maintenance, and dramatically improve IT flexibility at the same time. This is the first book to offer comprehensive, independent, real-world coverage of planning, designing, implementing, and supporting Windows Server 2008 Hyper-V virtualization environments. Authored by Rand Morimoto and Jeff Guillet—top consultants of Microsoft technologies with unsurpassed experience deploying Hyper-V in enterprise organizations—this book delivers start-to-finish guidance for every facet of your virtualization initiative. Leverage the experience from hundreds of real world implementations of Hyper-V and Virtual Machine Manager 2008 in your deployment of a virtualized server environment Implement best practices for planning, prototyping, and deploying Hyper-V—including strategies, processes, and templates Install and configure Windows 2008 Server with Windows Hyper-V Services Provide guest operating systems ranging from Windows 2003 Server to Linux Administer Hyper-V Host Servers as standalone hosts or in multiple host environments Optimize Hyper-V Host Server and guest sessions, by efficiently allocating memory, processors, disk space, and other resources Move from basic server virtualization to a systematically managed virtual enterprise environment Use Virtual Machine Manager 2008 to centrally monitor all your Hyper-V hosts and guest sessions Quickly provision new guest images wherever and whenever you need them Implement reliable failover processes to overcome failures in guest sessions, host systems, or sites Troubleshoot problems with both Hyper-V hosts and guest operating systems Check out the new Hyper-V, find new and easier ways to remotely connect back into the office, or learn all about Storage Spaces—these are just a few of the features in Windows Server 2012 R2 that are explained in this updated edition from Windows authority Mark Minasi and a team of Windows Server experts led by Kevin Greene. This book gets you up to speed on all of the new features and functions of Windows Server, and includes real-world scenarios to put them in perspective. If you're a system administrator upgrading to, migrating to, or managing Windows Server 2012 R2, find what you need to do the job in this complete resource. Learn all about: Installing or upgrading to and managing Windows Server 2012 R2 Understanding Microsoft NIC teams 2012 and PowerShell Setting up via GUI or updated Server Core 2012 Migrating, merging, and modifying your Active Directory Managing address spaces with IPAM Understanding new shared storage, storage spaces, and better tools Controlling access to file shares—a new and improved approach Using and administering Remote Desktop, Virtual Desktop, and Hyper-V®

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!

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 supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2017 in any production environment: on-premises, 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 Management 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 Server 2017's key administration and development tools • Manage memory, storage, clustering, virtualization, and other components • Architect and implement database infrastructure, including IaaS, Azure SQL, and hybrid cloud configurations • Provision SQL Server and Azure SQL databases • Secure SQL Server via encryption, row-level security, and data masking • Safeguard Azure SQL databases using platform threat protection, firewalling, and auditing • Establish SQL Server IaaS network security groups and user-defined routes • Administer SQL Server user security and permissions • Efficiently design tables using keys, data types, columns, partitioning, and views • Utilize BLOBs and external, temporal, and memory-optimized tables • Master powerful optimization techniques involving concurrency, indexing, parallelism, and execution plans • Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid environments For Experienced SQL Server Administrators and Other Database Professionals • Your role: Intermediate-to-advanced level SQL Server database administrator, architect, developer, or performance tuning expert • Prerequisites: Basic understanding of database administration procedures

Mastering Windows SharePoint Services 3.0

Mastering Microsoft Exchange Server 2013

Mastering Windows 7 Deployment

Mastering Microsoft Virtualization

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

maintain and manage Hyper-V environments.

The bestselling guide to Exchange Server, fully updated for the newest version Microsoft Exchange Server 2013 is touted as a solution for lowering the total cost of ownership, whether deployed on-premises or in the cloud. Like the earlier editions, this comprehensive guide covers every aspect of installing, configuring, and managing this multifaceted collaboration system. It offers Windows systems administrators and consultants a complete tutorial and reference, ideal for anyone installing Exchange Server for the first time or those migrating from an earlier Exchange Server version. Microsoft Exchange Server 2013 is a messaging system that allows for access to e-mail, voicemail, and calendars from a variety of devices and any location, making it ideal for the enterprise. With more than 21,000 copies of earlier editions sold, this comprehensive guide offers systems administrators and consultants both a tutorial and a reference guide for installing and managing Exchange Server 2013. A team of Microsoft Certified Masters walks you step by step through planning and design, installation, administration and management, maintenance, and more. Mastering Microsoft Exchange Server 2013 is the complete reference for planning, installing, and maintaining the most popular e-mail server product available.

Mastering Windows Server 2016 Hyper-V

Mastering Windows Security and Hardening

SQL Server 2017 Administration Inside Out

Windows Server 2016 Unleashed (includes Content Update Program)