

## Using Windows Remote Management Winrm To Remotely

Exam Ref 70-687 Configuring Windows 8.1 (MCSA) Windows Server 2008 How-To, e-Pub Exam 98-349 Windows Operating System Fundamentals 2E Ansible: Up and Running Windows Server 2012 R2 Administrator Cookbook MCSA Windows Server 2012 R2 Administration Study Guide PowerShell for Office 365 Windows PowerShell 3.0 Step by Step 70-740 Installation, Storage, and Compute with Windows Server 2016 Microsoft Exchange Server 2010 Administration Instant Reference Mastering Windows Server 2012 R2 Enterprise Mobility Suite Managing BYOD and Company-Owned Devices MCSA Windows Server 2012 R2 Complete Study Guide VMware Private Cloud Computing with vCloud Director Complete Guide to Windows Server 2008, The MCSA 70-687 Cert Guide Hyper-V Security MCSA Windows Server 2012 R2 Installation and Configuration Study Guide Microsoft System Center Software Update Management Field Experience Introducing Windows Server 2008 Windows Server 2012 R2 Inside Out Volume 1 Securing Windows Server 2008 Windows Server 2008 Server Core Administrator's Pocket Consultant Windows PowerShell 3.0 Step by Step VMware vRealize Orchestrator Cookbook 70-410 Installing & Configuring Windows Server 2012 R2 Microsoft Windows Server Administration Essentials Windows 7 Resource Kit Windows Server 2012 R2 Essentials & Configuration CompTIA Server+ Certification All-in-One Exam Guide (Exam SK0-004) MCSA 70-410 Cert Guide R2 Active Directory Administration Cookbook Windows Server 2016 Cookbook Getting Started with Windows Server Security Windows Server 2016: Essentials for Administration Managing Windows Servers with Chef Windows PowerShell 5 in 24 Hours, Sams Teach Yourself Windows Server 2012 R2 Pocket Consultant Volume 1 Implementing DirectAccess with Windows Server 2016 Microsoft Exchange Server 2013

### Exam Ref 70-687 Configuring Windows 8.1 (MCSA)

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

### Windows Server 2008 How-To, e-Pub

800x600 Focused technical guidance from System Center experts Part of a series of specialized guides on System Center--this book walks through the tools and resources used to manage the complex task of tracking and applying software updates to client computers in the enterprise using Windows Server 2012 R2 and System Center 2012 R2, or later. Written by experts on the Microsoft System Center team and with Microsoft MVP Mitch Tulloch as series editor, this title focuses on maintaining operational efficiency, minimizing security issues, and maintaining the stability of the network infrastructure.

### **Exam 98-349 Windows Operating System Fundamentals 2E**

Prepare for the MCSA Windows Server 2012 R2 Exams Microsoft's new version of the MCSA certification for Windows Server 2012 R2 requires passing three exams (or one Upgrade exam if you have your MCSA or MCITP in Windows Server 2008). This value-priced study guide includes more than 1,000 pages of quality exam-prep content, covering 100% of the objective domains of all three exams (as well as the Upgrade exam, 70-417). In addition, you get access to an interactive practice test environment with more than 500 questions, electronic flashcards, and videos showing how to perform the more difficult tasks. Both first-time MCSA candidates and those wishing to upgrade from Server 2008 certification will benefit from this complete test-prep guide. Completely updated to cover the Windows Server 2012 R2 Exams Provides a comprehensive study guide for all three MCSA Windows Server 2012 R2 exams: 70-410, 70-411, and 70-412, as well as the Upgrade exam: 70-417 Covers installing and configuring Windows Server 2012; deploying and configuring DNS service; administering Active Directory; creating and managing Group Policy Objects; and configuring server roles and features, Hyper-V, and core networking services Explains basic networking concepts, DHCP, deploying and maintaining servers, configuring a network policy server infrastructure and high availability in Windows Server 2012, and much more Features real-world scenarios, hands-on exercises, practice exam questions, electronic flashcards, and over an hour of video demonstrations Covers all exam objectives MCSA Windows Server 2012 R2 Complete Study Guide arms you with all the information you must master to achieve MCSA certification on Windows Server 2012 R2.

### **Ansible: Up and Running**

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for MCSA 70-410 exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. Master MCSA 70-410 exam topics for Windows Server 2012 R2 installation and configuration Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCSA 70-410 Cert Guide: Installing and Configuring Microsoft® Windows Server 2012R2 is a best-of-breed exam study guide. Best-selling authors and expert instructors Don Poulton and David Camardella share preparation hints and test-taking tips,

helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The study guide helps you master all the topics on the MCSA 70-410 exam, including the following: Installing and configuring Windows Server 2012 Configuring Windows Server 2012 R2 local storage Configuring access to files and shares Configuring and monitoring print and document services Configuring remote management of servers Configuring Hyper-V server virtualization Creating and configuring virtual machine storage and virtual networks Configuring IPv4 and IPv6 addressing Configuring Dynamic Host Configuration Protocol (DHCP) Deploying and configuring Dynamic Host Configuration Protocol (DHCP) Deploying and configuring Domain Name System (DNS) Installing Active Directory domain controllers Creating and managing Active Directory user and computer accounts Creating and managing Active Directory Groups and Organizational Units (OUs) Creating and applying Group Policy Objects Configuring security policies, application restrictions, and Windows Firewall Don Poulton (A+, Network+, Security+, MCSA, MCSE) is an independent consultant who has worked with computers since the days of 80-column punch cards. He has consulted extensively with training providers, preparing study materials for Windows technologies. He has written or contributed to several Que titles, including Security+ Lab Manual; MCSA/MCSE 70-299 Exam Cram 2; MCTS 70-620 Exam Prep; and MCSA 70-687 Cert Guide: Configuring Microsoft Windows 8.1. David Camardella, an expert on deploying and administering Microsoft technologies, has served as technical reviewer on several previous Pearson Microsoft certification titles.

### **Windows Server 2012 R2 Administrator Cookbook**

The core concepts and technologies you need to administer a Windows Server OS Administering a Windows operating system (OS) can be a difficult topic to grasp, particularly if you are new to the field of IT. This full-color resource serves as an approachable introduction to understanding how to install a server, the various roles of a server, and how server performance and maintenance impacts a network. With a special focus placed on the new Microsoft Technology Associate (MTA) certificate, the straightforward, easy-to-understand tone is ideal for anyone new to computer administration looking to enter the IT field. Each chapter offers a clear and concise look at the core Windows administration concepts you need to know to gain an understanding of these difficult topics. Offers a clear, no-nonsense approach to administering a Windows operating system and presents it in such a way that IT beginners will confidently comprehend the subject matter Targets the MTA 98-365 exam by covering Windows Server installation, server roles, storage, and active

directoryinfrastructure Provides you with a solid foundation of various networkingtopics so that you can gain a strong understanding of WindowsServer administration concepts Includes review questions and suggested labs to further enhanceyour learning process With this book by your side, you will be armed with the coreconcepts and technologies needed to administer a Windows Serveroperating system.

### **MCSA Windows Server 2012 R2 Administration Study Guide**

Among the many configuration management tools available, Ansible has some distinct advantages—it's minimal in nature, you don't need to install anything on your nodes, and it has an easy learning curve. With this updated second edition, you'll learn how to be productive with this tool quickly, whether you're a developer deploying code to production or a system administrator looking for a better automation solution. Authors Lorin Hochstein and René Moser show you how to write playbooks (Ansible's configuration management scripts), manage remote servers, and explore the tool's real power: built-in declarative modules. You'll discover that Ansible has the functionality you need—and the simplicity you desire. Manage Windows machines, and automate network device configuration Manage your fleet from your web browser with Ansible Tower Understand how Ansible differs from other configuration management systems Use the YAML file format to write your own playbooks Work with a complete example to deploy a non-trivial application Deploy applications to Amazon EC2 and other cloud platforms Create Docker images and deploy Docker containers with Ansible This book is best read start to finish, with later chapters building on earlier ones. Because it's written in a tutorial style, you can follow along on your own machine. Most examples focus on web applications.

### **PowerShell for Office 365**

Questions about Exchange Server 2010? Flip open this easy-access guide! Have all your questions about Microsoft's new Exchange Server 2010 answered on the spot with this handy reference guide. Designed for easy access with special headings, thumb tabs, easy-to-read lists, and more, this book is the perfect quick resource for those day-to-day issues that come up just when you least expect them. Covers the number one product of its kind, Microsoft Exchange Server 2010 Offers a quick-access reference for your day-to-day administration of Exchange Server 2010 Includes thumb tabs, secondary and tertiary tables of contents, and special heading treatments to provide quick and easy lookup, as well as quick-reference tables, lists, and step-by-step instruction to provide Exchange administrators answers on the spot Keep this helpful, handy guide within easy reach.

### **Windows PowerShell 3.0 Step by Step**

This is the eBook version of the print title. Note that the eBook does not provide access to the practice test software that accompanies the print book. *Learn, prepare, and practice for MCSA 70-687 exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. Master MCSA 70-687 exam topics for Windows 8.1 configuration Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCSA 70-687 Cert Guide: Configuring Microsoft® Windows 8.1 is a best-of-breed exam study guide. Best-selling authors and expert instructors Don Poulton, Randy Bellet, and Harry Holt share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The study guide helps you master all the topics on the MCSA 70-687 exam, including the following: Windows 8.1 introduction Hardware readiness and compatibility Installation and upgrades, including VHDs Migrating users, profiles, and applications Configuring devices and device drivers Installing, configuring, and securing applications Configuring Internet Explorer Configuring Hyper-V virtualization Configuring TCP/IP, network settings, and network security Configuring and securing access to files and folders, including OneDrive and NFC Configuring local security, authentication, and authorization Configuring remote connections and management Configuring and securing mobile devices Configuring Windows Updates Managing disks, backups, and system/file recovery Managing/monitoring system performance*

### **70-740 Installation, Storage, and Compute with Windows Server 2016**

Learn the intricacies of managing Azure AD, Azure AD Connect as well as Active Directory for administration on cloud and Windows Server 2019 Key Features Expert solutions for the federation, certificates, security, and monitoring with Active Directory Explore Azure AD and AD Connect for effective administration on cloud Automate security tasks using Active Directory and PowerShell Book Description Active Directory is an administration system for Windows administrators to automate network, security and access management tasks in the Windows infrastructure. This book starts off with a detailed focus on forests, domains, trusts, schemas and partitions. Next, you learn how to manage domain controllers, organizational units and the default containers. Going forward, you deep dive into managing Active Directory sites as well as identifying and solving replication problems. The next set of chapters covers the different components of Active Directory and discusses the management of users, groups and computers. You also go through recipes that help you manage your Active Directory domains, manage user and groups objects and computer accounts, expiring group

memberships and group Managed Service Accounts with PowerShell. You learn how to work with Group Policy and how to get the most out of it. The last set of chapters covers federation, security and monitoring. You will also learn about Azure Active Directory and how to integrate on-premises Active Directory with Azure AD. You learn how Azure AD Connect synchronization works, which will help you manage Azure AD. By the end of the book, you have learned in detail about Active Directory and Azure AD, too. What you will learn Manage new Active Directory features, such as the Recycle Bin, group Managed Service Accounts, and fine-grained password policies Work with Active Directory from the command line and use Windows PowerShell to automate tasks Create and remove forests, domains, and trusts Create groups, modify group scope and type, and manage memberships Delegate control, view and modify permissions Optimize Active Directory and Azure AD in terms of security Who this book is for This book will cater to administrators of existing Active Directory Domain Services environments and/or Azure AD tenants, looking for guidance to optimize their day-to-day effectiveness. Basic networking and Windows Server Operating System knowledge would come in handy.

### **Microsoft Exchange Server 2010 Administration Instant Reference**

In just 24 lessons of one hour or less, Sams Teach Yourself Windows PowerShell in 24 Hours helps you streamline all facets of Windows administration, supercharging your effectiveness as an IT professional or power user. This book's straightforward, step-by-step approach shows you how to build and run scripts, extend Windows PowerShell reach, manage computers remotely, and automate a wide variety of tasks on any modern Windows server or client. Every lesson builds on what you've already learned, giving you a rock-solid foundation for real-world success! Step-by-step instructions carefully walk you through the most common PowerShell scripting tasks. Practical, hands-on examples show you how to apply what you learn. Quizzes and exercises help you test your knowledge and stretch your skills. Notes, tips, and cautions point out shortcuts, pitfalls, and solutions. Learn how to Install, configure, and explore Windows PowerShell (including updates for PowerShell 5) Leverage .NET's remarkable power and scope with easy-to-use cmdlets Build new scripts with the console, ISE visual tools, and other popular hosts Apply best practices for writing more reliable, flexible, team-friendly scripts Work effectively with the pipeline, objects, and data Extend Windows PowerShell reach via providers, drives, and output Run external tools like ping, ipconfig, and tracert from within PowerShell Remotely manage computers with basic and advanced remoting (WinRM), WMI, and Regex Configure Windows devices across the web with PSWA Sort, filter, measure, format, export, and convert script output Run Windows PowerShell flexibly, using background and scheduled jobs Customize your environment with profile scripts, alternate credentials, thirdparty tools, and packages Strengthen your control over Windows systems and services with Desired State Configuration Administer key tasks on SQL Server, SharePoint, and other Windows servers Master PowerShell skills needed to earn many Microsoft certifications

### **Mastering Windows Server 2012 R2**

Portable and precise, this pocket-sized guide delivers ready answers for administering your Server Core installation. Zero in on essential support and maintenance 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: Plan your installation and perform initial configuration Deploy server roles and features Set up Active Directory Domain Services and domain controllers Install, manage, and troubleshoot DHCP and DNS servers Manage IIS 7.0 roles, services, and dependencies Implement File, Print, Hyper-V, streaming media, and other roles Administer services, devices, and processes from the command line Configure and use remote-management tools Monitor, update, and maintain Server Core

### **Enterprise Mobility Suite Managing BYOD and Company-Owned Devices**

The Microsoft Official Academic Course (MOAC) textbook for Installation, Storage, and Compute with Windows Server 2016 Exam 70-740 is focused primarily on the installation, storage, and compute features and their functionality that is available within Windows Server 2016. MOAC offers an official MLO lab environment and Lab Manual to further aid in your study for this exam. Successful skills mastery of Exam 70-740 can help students with securing a career within an IT enterprise and help them to differentiate job hunters in today's competitive job market. This exam will cover considerations into the following: General Installation tasks as well as configuration of Nano Server. Local and server storage solutions which includes the configuration of disks and volumes, Data De-duplication, High Availability, Disaster Recovery, Storage Spaces Direct, and Fail-over Clustering solutions. Hyper-V, containers, and the maintenance and monitoring of servers in physical and compute environments. The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authorized for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

### **MCSA Windows Server 2012 R2 Complete Study Guide**

### **VMware Private Cloud Computing with vCloud Director**

Portable and precise, this pocket-sized guide delivers ready answers for core configuration and administrative tasks in Windows Server 2012 R2. Zero in on the essentials through quick-reference tables, instructions, and lists. You'll get the focused information you need to save time and get the job done - whether at your desk or in the field. Coverage includes:

Administration overview Managing servers running Windows Server 2012 R2 Monitoring services, processes, and events Automating administrative tasks, policies, and procedures Enhancing computer security Using Active Directory Core Active Directory administration Creating user and group accounts Managing existing user and group accounts

### **Complete Guide to Windows Server 2008, The**

Get the knowledge you need to deploy a top-quality Exchange service The latest release of Microsoft's messaging system allows for easier access to e-mail, voicemail, and calendars from a variety of devices and any location while also giving users more control and freeing up administrators to perform more critical tasks. This innovative new field guide starts with key concepts of Microsoft Exchange Server 2013 and then moves through the recommended practices and processes that are necessary to deploy a top-quality Exchange service. Focuses on the Exchange ecosystem rather than just the features and functions of the Exchange product Focuses on scenarios facing real customers and explains how problems can be solved and requirements met Zooms in on both on-premises deployments as well as Exchange Online cloud deployments with Office 365 Helps you thoroughly master the new version with step-by-step instruction on how to install, configure, and manage this multifaceted collaboration system Whether you're upgrading from Exchange Server 2010 or earlier, installing for the first time, or migrating from another system, this step-by-step guide provides the hands-on instruction, practical application, and real-world advice you need.

### **MCSA 70-687 Cert Guide**

Learn how to design, plan, implement, and support a secure remote access solution using DirectAccess in Windows Server 2016. Remote Access has been included in the Windows operating system for many years. With each new operating system release, new features and capabilities have been included to allow network engineers and security administrators to provide remote access in a secure and cost-effective manner. DirectAccess in Windows Server 2016 provides seamless and transparent, always on remote network connectivity for managed Windows devices. DirectAccess is built on commonly deployed Windows platform technologies and is designed to streamline and simplify the remote access experience for end users. In addition, DirectAccess connectivity is bidirectional, allowing administrators to more effectively manage and secure their field-based assets. Implementing DirectAccess with Windows Server 2016 provides a high-level overview of how DirectAccess works. The vision and evolution of DirectAccess are outlined and business cases and market drivers are explained. DirectAccess is evaluated against traditional VPN and this book describes the Windows platform technologies that underpin this solution. In addition, this book: Explains how the technology works and the specific IT pain points that it addresses Includes detailed, prescriptive guidance for those tasked with implementing DirectAccess using Windows Server 2016 Addresses real-world deployment scenarios for small and large organizations Contains valuable tips, tricks, and

implementation best practices for security and performance“/li> What you’ll learn A high-level understanding of the various remote access technologies included in Windows Server 2016. Common uses cases for remote access, and how best to deploy them in a secure, stable, reliable, and highly available manner. Valuable insight in to design best practices and learn how to implement DirectAccess and VPN with Windows Server 2016 according to deployment best practices. Who This Book Is For IT administrators, network, and security administrators and engineers, systems management professionals, compliance auditors, and IT executive management (CIO, CISO) are the target audience for this title.

### **Hyper-V Security**

If you are a security or Windows Server administrator wanting to learn or advance your knowledge in Microsoft security and secure your Windows Server infrastructure effectively, this book is for you.

### **MCSA Windows Server 2012 R2 Installation and Configuration Study Guide**

“This book is an invaluable one-stop reference for deploying, configuring, and managing Windows Server 2008. It’s filled with John’s unique and hard-earned nuggets of advice, helpful scripts, and shortcuts that will save you time and money.”  
--Mark Russinovich The Start-to-Finish, Comprehensive Windows Server 2008 Book for Every Working Administrator and Architect To make the most of Windows Server 2008 in production environments, you need a deep understanding of its technical details. However, accurate and reliable information is scarce, and even most skilled Windows professionals don’t know Windows Server 2008 as well as they should. The Complete Guide to Windows Server 2008 brings together more than 1,500 pages of practical Windows Server 2008 insight and in-depth knowledge that you can't find anywhere else, all based on final code. John Savill—one of the world’s most visible and trusted experts on Windows Server technology—specializes in helping real companies use Windows Server 2008 to run their businesses. His access to Microsoft’s product team as a Microsoft MVP and one of 50 elite “Windows Server 2008 Delta Force Rangers” benefited this book’s accuracy and value. Coverage includes Deployment planning, implementing, and managing new features, including Windows Server Core and Hyper-V virtualization Choosing the right installation and upgrade options for your environment Securing Windows Server 2008: authentication, authorization, BitLocker, certification services, and more Implementing TCP/IP, advanced network services, remote access, and thin-client Terminal Services Active Directory in depth, including Federated Services, Lightweight Directory Services, and Rights Management Providing high availability through Network Load Balancing and failover clustering Using Windows Deployment Services to quickly deploy multiple servers Supporting complex distributed environments with the Distributed File System Automating server management with PowerShell and the command prompt Integrating Windows Server 2008 with UNIX, Linux, and legacy NetWare servers Troubleshooting Windows Server 2008 and Vista environments, including an intuitive “how to” index to quickly locate answers to commonly asked questions

[www.savilltech.com/completeguidetowindows2008](http://www.savilltech.com/completeguidetowindows2008)

## **Microsoft System Center Software Update Management Field Experience**

Hyper-V Security is intended for administrators with a solid working knowledge of Hyper-V Server, Windows Server, and Active Directory. An administrator with a functional environment will be able to use the knowledge and examples present in this book to enhance security.

## **Introducing Windows Server 2008**

If you are a VMware administrator who is interested in automating your infrastructure, this book is for you. An understanding of basic programming concepts is advised. No previous knowledge of Orchestrator is required, although some previous knowledge of it will allow you to get started more easily.

## **Windows Server 2012 R2 Inside Out Volume 1**

It's All About Delivering Service with vCloud Director Empowered by virtualization, companies are not just moving into the cloud, they're moving into private clouds for greater security, flexibility, and cost savings. However, this move involves more than just infrastructure. It also represents a different business model and a new way to provide services. In this detailed book, VMware vExpert Simon Gallagher makes sense of private cloud computing for IT administrators. From basic cloud theory and strategies for adoption to practical implementation, he covers all the issues. You'll learn how to build a private cloud and deliver it as a service using VMware vCloud Director 5.1. Consider what it takes to transition to the cloud, including the business, technical, and operational issues Get familiar with the essential tools—the vCloud Director 5.1 suite Understand the delivery model of infrastructure-as-a-service Define a service catalog, including determining how to track and allocate costs and design for service levels Measure the impact of a private cloud on your legacy applications and infrastructure Implement efficient operations—learn how to apply automation, set up backup and restore, and maintain HA Deliver an end-to-end solution to an end user with a fully managed guest Foreword by Joe Baguley, Chief Technologist, EMEA, VMware

## **Securing Windows Server 2008**

The Microsoft Official Academic Course (MOAC) textbook for MTA Windows Operating System Fundamentals Exam 98-349 2nd Edition is focused primarily on operating configurations and maintenance in Windows. MOAC offers an official MLO lab

environment and Lab Manual to further aid in your study for this exam. Successful skills mastery of Exam 98-349 can help students with securing a career within an IT enterprise and help them to differentiate job hunters in today's competitive job market. This exam will cover considerations into the following: \* Understanding Operating System Configurations. \* Installing and Upgrading Client Systems. \* Managing Applications. \* Managing Files and Folders. \* Managing Devices. \* Understanding Operating System Maintenance. The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

### **Windows Server 2008 Server Core Administrator's Pocket Consultant**

Complete coverage of every objective for the CompTIA Server+ exam Take the CompTIA Server+ exam with confidence using this highly effective self-study guide. CompTIA Server+ Certification All-in-One Exam Guide (Exam SK0-004) offers complete coverage of every topic on the latest version of the exam. You will get in-depth explanations of the latest server types and components, virtualization, IPv4 and IPv6 networking, cloud computing, security, troubleshooting, and more. The book and electronic content provide 350+ accurate practice questions along with in-depth answers, explanations, learning objectives, and exam tips. Coverage includes: • General concepts • CompTIA Server+ essentials • Server hardware • Server operating systems • Storage • Network concepts • Security • Troubleshooting • Performance optimization Electronic content includes: • Practice exam questions

### **Windows PowerShell 3.0 Step by Step**

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®

## **VMware vRealize Orchestrator Cookbook**

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

## **70-410 Installing & Configuring Windows Server 2012 R2**

Microsoft hails the latest version of its flagship server operating system, Windows Server 2008, as "the most secure Windows Server ever". However, to fully achieve this lofty status, system administrators and security professionals must install, configure, monitor, log, and troubleshoot a dizzying array of new features and tools designed to keep the bad guys out and maintain the integrity of their network servers. This is no small task considering the market saturation of Windows Server and the rate at which it is attacked by malicious hackers. According to IDC, Windows Server runs 38% of all network servers. This market prominence also places Windows Server at the top of the SANS top 20 Security Attack Targets. The first five attack targets listed in the SANS top 20 for operating systems are related to Windows Server. This doesn't mean that Windows is inherently less secure than other operating systems; it's simply a numbers game. More machines running Windows Server. More targets for attackers to hack. As a result of being at the top of the "most used" and "most hacked" lists, Microsoft has released a truly powerful suite of security tools for system administrators to deploy with Windows Server 2008. This book is the comprehensive guide needed by system administrators and security professionals to master seemingly overwhelming arsenal of new security tools including: 1. Network Access Protection, which gives administrators the power to isolate computers that don't comply with established security policies. The ability to enforce security requirements is a powerful means of protecting the network. 2. Enhanced solutions for intelligent rules and policies creation to increase control and protection over networking functions, allowing administrators to have a policy-driven network. 3. Protection of data to ensure it can only be accessed by users with the correct security context, and to make it available when hardware failures occur. 4. Protection against malicious software with User Account Control with a new authentication architecture. 5. Increased control over your user settings with Expanded Group Policy. to name just a handful of the new security features. In short, Windows Server 2008 contains by far the most powerful and complex suite of security tools ever

released in a Microsoft Server product. Securing Windows Server 2008 provides system administrators and security professionals with the knowledge they need to harness this power. \* Describes new technologies and features in Windows Server 2008, such as improvements to networking and remote access features, centralized server role management, and an improved file system. \* Outlines steps for installing only the necessary components and subsystems of Windows Server 2008 in your environment. No GUI needed. \* Describes Windows Server 2008's security innovations, such as Network Access Protection, Federated Rights Management, and Read-Only Domain Controller \* Includes coverage of monitoring, securing, and troubleshooting Windows Server 2008 \* Covers Microsoft's Hyper-V virtualization technology, which is offered as an add-on to four of the eight versions of Windows Server 2008 and as a stand-alone product

### **Microsoft Windows Server Administration Essentials**

This supremely organized reference packs hundreds of timesaving solutions, troubleshooting tips, and workarounds for Windows Server 2012 R2 - with a focus on configuration, storage, and essential administrative tasks. Coverage includes: Deployment Boot configuration Administration Configuring roles, role services, and features Managing and troubleshooting hardware TPM and Bitlocker drive encryption Managing the registry Software and user account control administration Managing storage and file systems File sharing and security features Performance monitoring, analyzing, and tuning Backup and recovery

### **Windows 7 Resource Kit**

Learn the art of leveraging PowerShell to automate Office 365 repetitive tasks About This Book Master the fundamentals of PowerShell to automate Office 365 tasks. Easily administer scenarios such as user management, reporting, cloud services, and many more. A fast-paced guide that leverages PowerShell commands to increase your productivity. Who This Book Is For The book is aimed at sys admins who are administering office 365 tasks and looking forward to automate the manual tasks. They have no knowledge about PowerShell however basic understanding of PowerShell would be advantageous. What You Will Learn Understand the benefits of scripting and automation and get started using Powershell with Office 365 Explore various PowerShell packages and permissions required to manage Office 365 through PowerShell Create, manage, and remove Office 365 accounts and licenses using PowerShell and the Azure AD Learn about using powershell on other platforms and how to use Office 365 APIs through remoting Work with Exchange Online and SharePoint Online using PowerShell Automate your tasks and build easy-to-read reports using PowerShell In Detail While most common administrative tasks are available via the Office 365 admin center, many IT professionals are unaware of the real power that is available to them below the surface. This book aims to educate readers on how learning PowerShell for Office 365 can simplify repetitive and complex administrative tasks, and enable greater control than is available on the surface. The

book starts by teaching readers how to access Office 365 through PowerShell and then explains the PowerShell fundamentals required for automating Office 365 tasks. You will then walk through common administrative cmdlets to manage accounts, licensing, and other scenarios such as automating the importing of multiple users, assigning licenses in Office 365, distribution groups, passwords, and so on. Using practical examples, you will learn to enhance your current functionality by working with Exchange Online, and SharePoint Online using PowerShell. Finally, the book will help you effectively manage complex and repetitive tasks (such as license and account management) and build productive reports. By the end of the book, you will have automated major repetitive tasks in Office 365 using PowerShell. Style and approach This step by step guide focuses on teaching the fundamentals of working with PowerShell for Office 365. It covers practical usage examples such as managing user accounts, licensing, and administering common Office 365 services. You will be able to leverage the processes laid out in the book so that you can move forward and explore other less common administrative tasks or functions.

### **Windows Server 2012 R2 Essentials & Configuration**

Expert advice for Windows Server 2016 right at your fingertips. Practical and precise, this hands-on guide with ready answers is designed for architects, administrators, engineers and others working with Windows Server 2016. If you're an IT Pro responsible for configuring, managing and maintaining computers running Windows Server 2016, start with this well-organized and authoritative resource. Inside you'll find expert insights, tips, tricks and workarounds that will save time and help you get the job done by giving you the right information right now. During the course of reading this book, you will master a number of complex topics, techniques, commands and functions. Topics covered include: Using containers, virtualization and nano server Configuring server roles, services and features Managing and troubleshooting Active Directory Creating and managing user, group and computer accounts Monitoring and tuning performance Optimizing security settings, policies and templates And much, much more!!! Not only will this informative training manual help you become familiar with essential concepts, it'll help you reach new levels of mastery. This is the ideal concise, immediate reference you'll want with you at all times.

### **CompTIA Server+ Certification All-in-One Exam Guide (Exam SK0-004)**

Saute your way through more than 100 hands-on recipes designed to prepare any server administrator to work with Windows Server 2016 About This Book Get the first book on the market to unleash the power of Windows Server 2016, which improves the lives of thousands of enterprise users Be the first to leverage the advent of Containers and Nano Server on Windows Server 2016, which utilizes the resources efficiently and increases productivity. This practical, recipe-based approach helps you to delivering global-scale cloud services into your infrastructure using Windows Server 2016 Who This

Book Is For This book is for system administrators and IT professionals with experience in Windows Server 2012 R2 environments who are looking to acquire the skills and knowledge necessary to manage and maintain the core infrastructure required for a Windows Server 2016 environment. What You Will Learn Build the infrastructure required for a successful Windows network Navigate the new Server 2016 interface efficiently Implement solid networking and security practices into your Windows Server environment Design your own PKI and start issuing certificates today Explore the brand-new Nano Server functionality Enable nested virtualization on Hyper-V and Server Connect your remote laptops back to the corporate network using Microsoft's own remote access technologies, including DirectAccess Provide a centralized point for users to access applications and data by configuring Remote Desktop Services Compose optimal Group Policies Facilitate task automation with PowerShell 5.0 scripting In Detail This hands-on Cookbook is stuffed full of practical recipes that will help you handle the essential administrative tasks in Windows Server 2016. You'll start by familiarizing yourself with the look and feel of Windows Server 2016, and will then learn how to navigate through some daily tasks using the graphical interface. You will see how to compose optimal Group Policies and facilitate task automation with PowerShell 5.0 scripting. We will also take a look at the functions available to provide remote network access to your traveling users, and explore the much anticipated Nano Server and Hyper-V built-in integration support that is brand new in Windows Server 2016. By the end of this book, you will know how to take your Windows Server 2016-powered server and turn it into any common infrastructure role that might be required in your company. Style and approach The book follows a recipe-based approach that starts with an introduction and the installation of Windows Server 2016, then dives into the powerful features, and then ends with the concept of security.

### **MCSA 70-410 Cert Guide R2**

Portable and precise, this pocket-sized guide delivers ready answers for core configuration and administrative tasks in Windows Server 2012 R2. Zero in on the essentials through quick-reference tables, instructions, and lists. You'll get the focused information you need to save time and get the job done - whether at your desk or in the field. Coverage includes: Administration overview Managing servers running Windows Server 2012 R2 Monitoring services, processes, and events Automating administrative tasks, policies, and procedures Enhancing computer security Using Active Directory Core Active Directory administration Creating user and group accounts Managing existing user and group accounts

### **Active Directory Administration Cookbook**

Master Windows Server installation and configuration with hands-on practice and interactive study aids for the MCSA: Windows Server 2012 R2 exam 70-410 MCSA: Windows Server 2012 R2 Installation and Configuration Study Guide: Exam 70-410 provides complete preparation for exam 70-410: Installing and Configuring Windows Server 2012 R2. With

comprehensive coverage of all exam topics and plenty of hands-on practice, this self-paced guide is the ideal resource for those preparing for the MCSA on Windows Server 2012 R2. Real-world scenarios demonstrate how the lessons are applied in everyday settings. Readers also get access to the interactive practice tests, electronic flashcards, and video demonstration of the more difficult tasks, which help readers fully understand the scope of principles at work. Exam 70-410 is one of three exams MCSA candidates must take to obtain their MCSA: Windows Server 2012 R2. The test is aligned with the 2012 update to the Windows server operating system, and so is the book. This study guide contains everything users need to know for the exam, including the 2012 update's changes to Hyper-V and Active Directory. Avoid surprises on exam day, and master the material while learning to: Install and configure Windows Server 2012 R2 Configure Hyper-V and server roles and features Install and administer Active Directory Manage Group Policy Exam prep is about more than passing the test—it helps you gain hands-on experience performing more complex operations, giving you the confidence you need to successfully apply what you've learned in a work environment. If you're looking to triumph over the MCSA exam 70-410, MCSA: Windows Server 2012 R2 Installation and Configuration Study Guide: Exam 70-410 provides the information and practice you need.

### **Windows Server 2016 Cookbook**

Real Solutions for Windows Server 2008 Administrators Need fast, reliable, easy-to-implement solutions for Microsoft Windows Server 2008? This book delivers exactly what you're looking for. You'll find tested, step-by-step procedures for every facet of Windows Server 2008 planning, deployment, configuration, security, and day-to-day administration. This book includes special sections looking forward to the new R2 release and fully reflects all major enhancements built into Windows Server 2008—including Hyper-V virtualization, Server Core, major Terminal Services improvements, and many more changes that make older administration guides obsolete. When time is of the essence, turn here first: get answers you can trust—and use—right now! Fast, Accurate, and Easy to Use! Prepare to deploy Windows Server 2008 and walk through an efficient installation Administer Windows Server 2008 with the Microsoft Management Console (MMC), Device Manager, Task Scheduler, and Remote Desktop Use Server Manager to perform initial configuration tasks, manage settings, and administer server roles Deliver client applications more efficiently with Terminal Services Deploy Server Core to minimize attack surface and maximize security Plan, deploy, and manage Hyper-V virtualized environments that reduce costs and improve business flexibility Create, configure, secure, and manage new websites with IIS 7.x Centrally manage your users with the newest version of Active Directory Install and configure server roles such as DNS, DHCP, and file services Configure both IPv4 and IPv6 Establish efficient, practical backup and restore procedures Protect your data and infrastructure using Windows Server 2008's multiple security features Monitor, troubleshoot, and tune server performance

### **Getting Started with Windows Server Security**

This is a guide to automating Windows infrastructures using Chef, from the big picture through to hands-on examples. This book is designed for systems administrators who have had some exposure to Chef and are interested using it to manage their Windows-based systems. Some exposure to programming or scripting languages is expected for portions of this book.

## **Windows Server 2016: Essentials for Administration**

Delivers the information you need to administer your Windows 7 system. You get authoritative technical guidance from those who know the technology best.

## **Managing Windows Servers with Chef**

Manage all the mobile devices your workforce relies on Learn how to use Microsoft's breakthrough Enterprise Mobility Suite to help securely manage all your BYOD and company-owned mobile devices: Windows, iOS, and Android. Two of the leading mobile device management experts at Microsoft show you how to systematically help protect employee privacy and corporate assets without compromising productivity. You'll find best practices, step-by-step guidance, and real-world scenarios for every stage of planning, design, deployment, and administration. Empower your mobile users while improving security and controlling costs Master proven best practices for centrally managing smartphones and tablets Plan mobile strategies that encompass users, devices, apps, and data Overcome BYOD's unique challenges, constraints, and compliance issues Provide common "hybrid" user identities and a seamless experience across all resources: on-premises, datacenter, and cloud Simplify and improve device enrollment, monitoring, and troubleshooting Help safeguard both corporate and personal information

## **Windows PowerShell 5 in 24 Hours, Sams Teach Yourself**

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

## **Windows Server 2012 R2 Pocket Consultant Volume 1**

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

### **Implementing DirectAccess with Windows Server 2016**

Complete exam coverage, hands-on practice, and interactive study tools for the MCSA: Administering Windows Server 2012 R2 exam 70-411 MCSA: Windows Server 2012 R2 Administration Study Guide: Exam 70-411 provides comprehensive preparation for exam 70-411: Administering Windows Server 2012 R2. With full coverage of all exam domains, this guide contains everything you need to know to be fully prepared on test day. Real-world scenarios illustrate the practical applications of the lessons, and hands-on exercises allow you to test yourself against everyday tasks. You get access to an interactive practice test environment that helps you avoid surprises on exam day, plus electronic flashcards and video demonstrations showing how to perform some of the more difficult tasks. Exam 70-411 is one of three exams you must pass to become a Microsoft Certified Solutions Associate (MCSA) on Windows Server 2012 R2 and a clear path to increasing your value and marketability in the workplace. The exam reflects the 2012 update to the OS, including the new enhancements to Hyper-V, Storage Spaces, and Active Directory. This guide gives you the information and practice you need to master all aspects of Windows Server 2012 R2 for test. Learn how to: Deploy, manage, and maintain servers Configure file and print servers, network services, and more Manage and configure Active Directory and Group Policy Review real-world scenarios, video, and interactive study aids If you're looking to master Windows server administration before the exam, MCSA: Windows Server 2012 R2 Administration Study Guide is a complete and comprehensive prep tool to give you the confidence you need to succeed.

### **Microsoft Exchange Server 2013**

This book is intended for system administrators and IT professionals with experience in Windows Server 2008 or Windows Server 2012 environments who are looking to acquire the skills and knowledge necessary to manage and maintain the core infrastructure required for a Windows Server 2012 and Windows Server 2012 R2 environment.

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