

## Windows Server 2008 Lab Answers

Exam 70-413 MOAC Labs Online Microsoft Windows Networking Essentials Training Guide Configuring Advanced Windows Server 2012 R2 Services (MCSA) Introducing Windows Server 2008 MCTS Self-Paced Training Kit (Exam 70-667): Configuring Microsoft® SharePoint® 2010 Windows Server 2008 Administrator's Pocket Consultant MCITP Self-paced Training Kit (exam 70-685) MCTS 70-640 Cert Guide CompTIA Security+ SY0-301 Cert Guide, Deluxe Edition Principles of Computer Security Lab Manual, Fourth Edition MCTS Self-Paced Training Kit (Exam 70-640) Learn Windows PowerShell 3 in a Month of Lunches Exam 70-640 Windows Server 2008 Active Directory Configuration Lab Manual Exam 70-432 Microsoft SQL Server 2008 Implementation and Maintenance Lab Manual Securing Windows Server 2008 Exam Ref 70-246 Training Guide Administering Windows Server 2012 R2 (MCSA) MCITP Self-Paced Training Kit (Exam 70-647) Microsoft Windows Server Administration Essentials 70-410 Installing & Configuring Windows Server 2012 R2 Microsoft Windows Operating System Essentials Mcltp Self-Paced Training Kit (Exam 70-686) Training Guide Installing and Configuring Windows Server 2012 (MCSA) MCTS Self-Paced Training Kit (Exam 70-642) MCTS Self-paced Training Kit (exam 70-643) Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016 Windows Server 2008 For Dummies Security Strategies in Windows Platforms and Applications MCTS Self-paced Training Kit (exam 70-640) MCTS Windows Server 2008 Active Directory Services Study Guide (Exam 70-640) (SET) Access Control, Authentication, and Public Key Infrastructure Windows NT 4.0 MCSE Windows Server 2008 PKI and Certificate Security Microsoft Windows Security Essentials Security Strategies in Windows Platforms and Applications MCITP Self-paced Training Kit (exam 70-646) Windows Performance Analysis Field Guide CompTIA A+ 220-801 and 220-802 Practice Questions Exam Cram MCITP Self-paced Training Kit (Exam 70-647) Cybersecurity Blue Team Toolkit

### Exam 70-413 MOAC Labs Online

Learn, prepare, and practice for CompTIA Security+ SY0-301 exam success with this CompTIA Authorized Cert Guide, Deluxe Edition from Pearson IT Certification, a leader in IT Certification learning and a CompTIA Authorized Platinum Partner. The DVD features three complete practice exams, complete video solutions to the 25 hands-on labs, plus 25 interactive flash-based learning activities that include drag-and-drop and matching to reinforce the learning. Master CompTIA's Security+ SY0-301 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Practice with realistic exam questions on the DVD Includes complete video solutions to the 25 hands-on labs Plus 25 interactive learning activities on key exam topics Limited Time Offer: Buy CompTIA Security+ SY0-301 Authorized Cert Guide, Deluxe Edition and receive a 10% off discount code for the CompTIA Security+ SY0-301 exam. To receive your 10% off discount code: 1. Register your product at [pearsonITcertification.com/register](http://pearsonITcertification.com/register) 2. Follow the instructions 3. Go to your Account page and click on "Access Bonus Content" CompTIA Security+ SY0-301 Authorized Cert Guide, Deluxe Edition includes video solutions to the hands-on labs, practice tests, and interactive activities that let the reader learn by doing. Best-selling author and expert instructor David Prowse shares 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 approach to passing the exam. The companion Deluxe Edition DVD contains the powerful Pearson IT Certification Practice Test engine, with three complete practice exams and hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. The Deluxe Edition DVD also includes complete video solutions to the 25 hands-on labs in the book and 25 interactive learning activities on key exam topics to reinforce the learning by doing. Learning activities such as test password strength, match the type of Malware with its definition, find the security issues in the network map, and disallow a user access to the network on Saturday and Sunday. Interactive Learning Activities: 2.1 Filtering Emails 2.2 Malware Types 2.3 Securing the BIOS 3.1 Stopping Services in the Command Prompt 3.2 Patch Management 5.1 Port Numbers, Part 1 5.2 Port Numbers, Part 2 5.3 Port Numbers, Part 3 5.4 Network Attacks, Part 1 5.5 Network Attacks, Part 2 5.6 Network Attacks, Part 3 5.7 Network Attacks, Part 4 6.1 Network Security 7.1 Password Strength 8.1 802.1X Components 8.2 Authentication Types 9.1 Access Control Models 9.2 Configuring Logon Hours 10.1 Risk Assessment, Part 1 10.2 Risk Assessment, Part 2 10.3 Vulnerability Management Process 11.1 Packet Analysis 12.1 Symmetric and Asymmetric Algorithms 14.1 RAID Levels 15.1 Social Engineering Types Hands-On Labs: 2-1 Using Free Malware Scanning Programs 2-2 How to Secure the BIOS 3-1 Discerning & Updating Service Pack Level 3-2 Creating a Virtual Machine 3-3 Securing a Virtual Machine 4-1 Securing the Browser 4-2 Disabling Applications 5-1 Port Scanning Basics 6-1 Packet Filtering and NAT Firewalls 6-2 Configuring Inbound Filter on a Firewall 6-3 Enabling MAC Filtering 7-1 Securing a Wireless Device: 8 Steps 7-2 Wardriving and the Cure 8-1 Enabling 802.1X on a Network Adapter 8-2 Setting Up a VPN 9-1 Password Policies and User Accounts 9-2 Configuring User and Group Permissions 10-1 Mapping and Scanning the Network 10-2 Password Cracking and Defense 11-1 Using Protocol Analyzers 12-1 Disabling LM Hash in Windows Server 2003 13-1 A Basic Example of PKI 13-2 Making an SSH Connection 14-1 Configuring RAID 1 and 5 16-1 How to Approach Exam Questions Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this CompTIA authorized study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The CompTIA authorized study guide helps you master all the topics on the Security+ exam, including Core computer system security OS hardening and virtualization Application security Network design elements and threats Perimeter security Network media and devices security Physical security and authentication models Access control Vulnerability and risk assessment Monitoring and auditing Cryptography, including PKI Redundancy and disaster recovery Policies and procedures Companion Deluxe Edition DVD The Deluxe Edition DVD contains three free, complete practice exams, video solutions to the 25 hands-on labs plus 25 interactive flash-based learning activities that include drag-n-drop and matching to

reinforce the learning. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test. Pearson IT Certification Practice Test minimum system requirements: Windows XP (SP3), Windows Vista (SP2), or Windows 7; Microsoft .NET Framework 4.0 Client; Pentium class 1GHz processor (or equivalent); 512 MB RAM; 650 MB hard disk space plus 50 MB for each downloaded practice exam.

### **Microsoft Windows Networking Essentials**

Get official, in-depth exam prep, including self-paced lessons, exercises, and review; practice tests on CD; and exam discount—all in one kit. Comprehensive resources; exceptional value.

### **Training Guide Configuring Advanced Windows Server 2012 R2 Services (MCSA)**

This two-in-one training kit for Exam 70-643 includes the official Microsoft study guide, plus more than 300 practice tests on the CD to help users assess their skills. It also covers Terminal Services, Web Services infrastructure and security, Media Server, Microsoft Windows, SharePoint, and more.

### **Introducing Windows Server 2008**

Get in-depth guidance for designing and implementing certificate-based security solutions—straight from PKI expert Brian Komar. No need to buy or outsource costly PKI services when you can use the robust PKI and certificate-based security services already built into Windows Server 2008! This in-depth reference teaches you how to design and implement even the most demanding certificate-based security solutions for wireless networking, smart card authentication, VPNs, secure email, Web SSL, EFS, and code-signing applications using Windows Server PKI and certificate services. A principal PKI consultant to Microsoft, Brian shows you how to incorporate best practices, avoid common design and implementation mistakes, help minimize risk, and optimize security administration.

### **MCTS Self-Paced Training Kit (Exam 70-667): Configuring Microsoft® SharePoint® 2010**

Practice the Computer Security Skills You Need to Succeed! 40+ lab exercises challenge you to solve problems based on realistic case studies Step-by-step scenarios require you to think critically Lab analysis tests measure your understanding of lab results Key term quizzes help build your vocabulary Labs can be performed on a Windows, Linux, or Mac platform with the use of virtual machines In this Lab Manual, you'll practice Configuring workstation network connectivity Analyzing network communication Establishing secure network application communication using TCP/IP protocols Penetration testing with Nmap, metasploit, password cracking, Cobalt Strike, and other tools Defending against network application attacks, including SQL injection, web browser exploits, and email attacks Combatting Trojans, man-in-the-middle attacks, and steganography Hardening a host computer, using antivirus applications, and configuring firewalls Securing network communications with encryption, secure shell (SSH), secure copy

(SCP), certificates, SSL, and IPsec Preparing for and detecting attacks Backing up and restoring data Handling digital forensics and incident response Instructor resources available: This lab manual supplements the textbook Principles of Computer Security, Fourth Edition, which is available separately Virtual machine files Solutions to the labs are not included in the book and are only available to adopting instructors

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

Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on core infrastructure administration for Windows Server 2012 R2. 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: Focuses on job-role-specific expertise for core infrastructure administration tasks Fully updated for Windows Server 2012 R2, including new practices Provides in-depth, hands-on training you take at your own pace Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-411 Topics include: Deploying and updating Windows Server 2012 R2 Managing account policies and service accounts Configuring name resolution Administering Active Directory Managing Group Policy application and infrastructure Configuring Group Policy settings and preferences Administering network policies Administering remote access Managing file services Monitoring and auditing Windows Server 2012 R2

### **MCITP Self-paced Training Kit (exam 70-685)**

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

### **MCTS 70-640 Cert Guide**

### **CompTIA Security+ SY0-301 Cert Guide, Deluxe Edition**

Introduces the new and improved features of Windows Server 2008, giving readers

insights into how they can improve security, performance, reliability, and operational efficiency.

### **Principles of Computer Security Lab Manual, Fourth Edition**

This certification will enable system administrators and network engineers to master server tasks

### **MCTS Self-Paced Training Kit (Exam 70-640)**

This official Microsoft study guide helps the reader prepare for the skills measured by MCITP Exam 70-646. Readers can work at their own pace through a series of lessons and reviews that cover each exam objective. Real-world case scenarios and practice exercises are included.

### **Learn Windows PowerShell 3 in a Month of Lunches**

"This 2-in-1 training kit delivers in-depth preparation plus practice for MCITP Exam 70-685: Windows 7, Enterprise Desktop Support Technician. Ace your exam prep-and build real-world job skills-with lessons, labs, and practice tests"--Resource description p.

### **Exam 70-640 Windows Server 2008 Active Directory Configuration Lab Manual**

Exam 70-640, Windows Server 2008 Active Directory Configuration. The newest iteration of the Microsoft Official Academic Course (MOAC) program for network administration courses using Windows Server 2008 and mapping to the Microsoft Certified Technology Specialist (MCTS) 70-640 certification exam. 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 current, accurate, and technologically innovative to make course delivery easy. Call one of our MOAC Sales Consultants and request your sample materials today.

### **Exam 70-432 Microsoft SQL Server 2008 Implementation and Maintenance Lab Manual**

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 directory infrastructure. Provides you with a solid foundation of various networking topics so that you can gain a strong understanding of Windows Server administration concepts. Includes review questions and suggested labs to further enhance your learning process. With this book by your side, you will be armed with the core concepts and technologies needed to administer a Windows Server operating system.

### **Securing Windows Server 2008**

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

### **Exam Ref 70-246**

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!

### **Training Guide Administering Windows Server 2012 R2 (MCSA)**

**EXAM PREP GUIDE** Fully updated for Windows Server 2008 R2! Ace your preparation for the skills measured by Exam 70-640 - and on the job. Work at your own pace through a series of lessons and reviews that fully cover each exam objective. Then, reinforce and apply your knowledge to real-world case scenarios and practice exercises. Maximize your performance on the exam by learning to:

- Deploy or upgrade domain controllers, domains, and forests for Windows Server 2008 R2
- Manage user accounts and groups with Windows PowerShell
- Implement Group Policy; configure software and security settings
- Configure DNS settings and zones
- Manage authentication
- Plan and manage Active Directory replication
- Monitor and ensure availability of directory services

**PRACTICE TESTS** Assess your skills with practice tests. You can work through hundreds of questions using multiple testing modes to meet your specific learning needs. You get detailed explanations for right and wrong answers--including a customized learning path that describes how and where to focus your studies. **NOTE** Exam 70-640 is one of three required exams for MCSA: Windows Server 2008 certification. For a limited time, it is also valid for MCTS certification, which will be retired. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

## **MCITP Self-Paced Training Kit (Exam 70-647)**

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

## **Microsoft Windows Server Administration Essentials**

The core concepts and technologies of Windows networking Networking can be a complex topic, especially for those new to the field of IT. This focused, full-color book takes a unique approach to teaching Windows networking to beginners by stripping down a network to its bare basics, thereby making each topic clear and easy to understand. Focusing on the new Microsoft Technology Associate (MTA) program, this book pares down to just the essentials, showing beginners how to gain a solid foundation for understanding networking concepts upon which more advanced topics and technologies can be built. This straightforward guide begins each chapter by laying out a list of topics to be discussed, followed by a concise discussion of the core networking skills you need to have to gain a strong handle on the subject matter. Chapters conclude with review questions and suggested labs so you can measure your level of understanding of the chapter's content. Serves as an ideal resource for gaining a solid understanding of fundamental networking concepts and skills Offers a straightforward and direct approach to networking basics and covers network management tools, TCP/IP, the name resolution process, and network protocols and topologies Reviews all the topics you need to know for taking the MTA 98-366 exam Provides an overview of networking components, discusses connecting computers to a network, and looks at connecting networks with routers If you're new to IT and interested in entering the IT workforce, then Microsoft Windows Networking Essentials is essential reading.

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

Each chapter begins with a list of things to do to complete the exercises in the practice session of the chapter and ends with a chapter review, including summary, key terms, case scenarios, suggested practices, and a practice test.

## **Microsoft Windows Operating System Essentials**

CompTIA A+ 220-801 and 220-802 Authorized Practice Questions Exam Cram, Fifth Edition complements any A+ study plan with 700 practice test questions in the



book. This package's highly realistic questions cover every area of knowledge for both new A+ exams: 220-801 and 220-802. This is the eBook version of the print title. The eBook edition does not provide access to the test engine that accompanies the print book. Limited Time Offer: Buy CompTIA A+ 220-801 and 220-802 Authorized Practice Questions Exam Cram and receive a 10% off discount code for the CompTIA A+ 220-801 and 220-802 exams. To receive your 10% off discount code: Register your product at [pearsonITcertification.com/register](http://pearsonITcertification.com/register) When prompted please enter ISBN number 9780133057188 Go to your Account page and click on "Access Bonus Content Master Your Knowledge of the A+ Exam! Features 700 questions, organized to reflect the newest objectives for the A+ exams, so you can easily assess your knowledge of every topic. Each question includes a detailed answer explanation. Provides complete coverage of all objectives for the 220-801 and 220-802 A+ exams. David L. Prowse is an author, a computer network specialist, and a technical trainer. Over the past several years he has authored several titles for Pearson Education, including the well-received CompTIA A+ Exam Cram and CompTIA Security+ Cert Guide. As a consultant, he installs and secures the latest in computer and networking technology. Over the past decade he has also taught CompTIA A+, Network+, and Security+ certification courses, both in the classroom and via the Internet. He runs the website [www.davidlprorowse.com](http://www.davidlprorowse.com), where he gladly answers questions from students and readers.

### **Mcltp Self-Paced Training Kit (Exam 70-686)**

A practical handbook to cybersecurity for both tech and non-tech professionals As reports of major data breaches fill the headlines, it has become impossible for any business, large or small, to ignore the importance of cybersecurity. Most books on the subject, however, are either too specialized for the non-technical professional or too general for positions in the IT trenches. Thanks to author Nadean Tanner's wide array of experience from teaching at a University to working for the Department of Defense, the Cybersecurity Blue Team Toolkit strikes the perfect balance of substantive and accessible, making it equally useful to those in IT or management positions across a variety of industries. This handy guide takes a simple and strategic look at best practices and tools available to both cybersecurity management and hands-on professionals, whether they be new to the field or looking to expand their expertise. Tanner gives comprehensive coverage to such crucial topics as security assessment and configuration, strategies for protection and defense, offensive measures, and remediation while aligning the concept with the right tool using the CIS Controls version 7 as a guide. Readers will learn why and how to use fundamental open source and free tools such as ping, tracert, PuTTY, pathping, sysinternals, NMAP, OpenVAS, Nexpose Community, OSSEC, Hamachi, InSSIDer, Nexpose Community, Wireshark, Solarwinds Kiwi Syslog Server, Metasploit, Burp, Clonezilla and many more. Up-to-date and practical cybersecurity instruction, applicable to both management and technical positions • Straightforward explanations of the theory behind cybersecurity best practices • Designed to be an easily navigated tool for daily use • Includes training appendix on Linux, how to build a virtual lab and glossary of key terms The Cybersecurity Blue Team Toolkit is an excellent resource for anyone working in digital policy as well as IT security professionals, technical analysts, program managers, and Chief Information and Technology Officers. This is one handbook that won't gather dust on the shelf, but remain a valuable reference at

any career level, from student to executive.

## **Training Guide Installing and Configuring Windows Server 2012 (MCSA)**

Microsoft Windows 8.1 and Windows Server 2012 R2 are designed to be the best performing operating systems to date, but even the best systems can be overwhelmed with load and/or plagued with poorly performing code. Windows Performance Analysis Field Guide gives you a practical field guide approach to performance monitoring and analysis from experts who do this work every day. Think of this book as your own guide to "What would Microsoft support do?" when you have a Windows performance issue. Author Clint Huffman, a Microsoft veteran of over fifteen years, shows you how to identify and alleviate problems with the computer resources of disk, memory, processor, and network. You will learn to use performance counters as the initial indicators, then use various tools to "dig in" to the problem, as well as how to capture and analyze boot performance problems. This field guide gives you the tools and answers you need to improve Microsoft Windows performance, including: Save money on optimizing Windows performance with deep technical troubleshooting that tells you "What would Microsoft do to solve this?" Includes performance counter templates so you can collect the right data the first time. Learn how to solve performance problems using free tools from Microsoft such as the Windows Sysinternals tools and more. In a rush? Chapter 1 Start Here gets you on the quick path to solving the problem. Also covers earlier versions such as Windows 7 and Windows Server 2008 R2.

## **MCTS Self-Paced Training Kit (Exam 70-642)**

PART OF THE NEW JONES & BARTLETT LEARNING INFORMATION SYSTEMS SECURITY & ASSURANCE SERIES! Access control protects resources against unauthorized viewing, tampering, or destruction. They serve as a primary means of ensuring privacy, confidentiality, and prevention of unauthorized disclosure. The first part of Access Control, Authentication, and Public Key Infrastructure defines the components of access control, provides a business framework for implementation, and discusses legal requirements that impact access control programs. It then looks at the risks, threats, and vulnerabilities prevalent in information systems and IT infrastructures and how to handle them. The final part is a resource for students and professionals which discusses putting access control systems to work as well as testing and managing them.

## **MCTS Self-paced Training Kit (exam 70-643)**

A two-in-one self-paced training kit offers comprehensive preparation and practice for the 70-642 exam for the MCTS certification for Windows Server 2008 Networking Infrastructure Configuration, accompanied by real-world scenarios, case study examples, troubleshooting suggestions, and practice questions on CD-ROM covering remote access, network authentication, IPv4 and IPv6 addressing, performance data and event logs, and more. Original. (Intermediate)

## **Exam Ref 70-740 Installation, Storage and Compute with**

## **Windows Server 2016**

### **Windows Server 2008 For Dummies**

Prepare for Microsoft Exam 70-740—and help demonstrate your real-world mastery of Windows Server 2016 installation, storage, and compute features and capabilities. 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 level. Focus on the expertise measured by these objectives:

- Install Windows Servers in host and compute environments
- Implement storage solutions
- Implement Hyper-V
- Implement Windows containers
- Implement high availability
- Maintain and monitor server environments

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have experience working with Windows Server in an enterprise environment; are familiar with core networking infrastructure, topologies, architectures, and protocols; and have experience with Windows clients and virtualization

About the Exam Exam 70-740 focuses on the skills and knowledge necessary to implement and configure storage and compute features and functionality in Windows Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of core Windows Server 2016 skills for reducing IT costs and delivering more business value. Exam 70-741 (Networking with Windows Server 2016) and Exam 70-742 (Identity with Windows Server 2016) are also required for MCSA: Windows Server 2016 certification. See full details at: [microsoft.com/learning](http://microsoft.com/learning)

### **Security Strategies in Windows Platforms and Applications**

This full-color guide covers the basics of securing a Windows operating system and prepares you to take the Microsoft Technology Associate Exam 98-367, Security Fundamentals. You'll learn essential security principles, then quickly get up to speed on malware, NTFS permissions, firewalls, encryption, and much more.

### **MCTS Self-paced Training Kit (exam 70-640)**

A comprehensive training kit offering a self-paced approach to preparing for the Windows Server Enterprise Administration exam 70-647, this helpful kit covers the fundamentals of planning networks and application services, designing core identity and access management components, upgrading, virtualization strategy, and more, accompanied by more than three hundred review questions and answer explanations on CD-ROM. Original. (Intermediate)

### **MCTS Windows Server 2008 Active Directory Services Study Guide (Exam 70-640) (SET)**

A full-color guide to key Windows 7 administration concepts and topics Windows 7 is the leading desktop software, yet it can be a difficult concept to grasp, especially for those new to the field of IT. Microsoft Windows Operating System Essentials is

an ideal resource for anyone new to computer administration and looking for a career in computers. Delving into areas such as fundamental Windows 7 administration concepts and various desktop OS topics, this full-color book addresses the skills necessary for individuals looking to break into a career in IT. Each chapter begins with a list of topic areas to be discussed, followed by a clear and concise discussion of the core Windows 7 administration concepts and skills necessary so you can gain a strong understanding of the chapter topic areas. The chapters conclude with review questions and suggested labs, so you can gauge your understanding of the chapter's contents. Offers in-depth coverage of operating system configurations Explains how to install and upgrade client systems Addresses managing applications and devices Helps you understand operating system maintenance Covers the topics you need to know for the MTA 98-349 exam The full-color Microsoft Windows 7 Essentials proves itself to be an invaluable resource on Windows 7 and features additional learning tutorials and tools.

### **Access Control, Authentication, and Public Key Infrastructure**

This two-in-one training kit delivers preparation plus practice for 70-640, an exam for the MCTS: Windows Server 2008 Active Directory Configuration certification. Includes a CD containing more than 300 questions, featuring multiple, customizable testing options to meet a professional's specific needs.

### **Windows NT 4.0 MCSE**

### **Windows Server 2008 PKI and Certificate Security**

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

### **Microsoft Windows Security Essentials**

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

### **Security Strategies in Windows Platforms and Applications**

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

### **MCITP Self-paced Training Kit (exam 70-646)**

Prepare for Microsoft Exam 70-246—and help demonstrate your real-world mastery of monitoring and operating a private cloud based on Microsoft System Center 2012 R2. 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 MCSE level. Focus on the expertise measured by these objectives: Configure data center process automation Deploy resource monitoring Monitor resources Configure and maintain service management Manage configuration and protection This Microsoft Exam Ref: Organizes its coverage by objectives for Exam 70-246 Features strategic, what-if scenarios to challenge you Requires experience with Windows Server, System Center 2012, security, high availability, fault tolerance, and networking in an enterprise environment, and basic skills with SQL Server, Windows PowerShell, and application configuration

### **Windows Performance Analysis Field Guide**

Now updated for Windows Server 2008 R2, this practical, portable guide delivers ready answers for the day-to-day administration of Windows Server 2008. It includes coverage of Windows Server 2008 R2 enhancements, including Hyper-V with Live Migration, Direct Access Infrastructure, Branch Cache, Windows

PowerShell 2.0, the new Active Directory console, and more. Zero in on core support and administration tasks using quick-reference tables, instructions, and lists. You'll get the focused information you need to solve problems and get the job done whether at your desk or in the field! Get fast facts to: Set up server roles and deploy Windows Server 2008 Configure and maintain Active Directory Create user and group accounts; control rights and permissions Manage file systems, drives, and RAID arrays Configure TCP/IP networking and DHCP and DNS clients and servers Troubleshoot printers and print servers Monitor and tune network performance Prepare a disaster plan; back up and restore servers

### **CompTIA A+ 220-801 and 220-802 Practice Questions Exam Cram**

Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on configuration of advanced services in Windows Server 2012 R2. 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: Focuses on job-role-specific expertise for advanced configuration tasks Fully updated for Windows Server 2012 R2, including new practices Provides in-depth, hands-on training you take at your own pace Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-412 Topics include: Advanced Active Directory Infrastructure Active Directory Sites and Replication Advanced DHCP and DNS Active Directory Certificate Services Backup and Recovery Advanced File Services and Storage High Availability Site Resilience Dynamic Access Control and Active Directory Rights Management Services Active Directory Federation Services

### **MCITP Self-paced Training Kit (Exam 70-647)**

A comprehensive training kit offering a self-paced approach to preparing for the Windows Server Enterprise Administration exam 70-647, this helpful kit covers the fundamentals of planning networks and application services, designing core identity and access management components, upgrading, virtualization strategy, and more, accompanied by more than three hundred review questions and answer explanations on CD-ROM. Original. (Intermediate)

### **Cybersecurity Blue Team Toolkit**

This book is for students preparing to become certified for the 70-444 and 70-432 Microsoft SQL Server 2005/2008 Database Administration exam. The Microsoft Official Academic Course (MOAC) lessons correlate and are mapped to the Microsoft Certified Information Technology Professional, (MCITP) 70-444 and 70-432 certification exam. This text covers installing and configuring Microsoft SQL Server and managing and maintaining databases and multidimensional databases, user accounts, database availability, recovery, and reporting. This text guides students through the design and implementation of security or server automation as well as monitoring and troubleshooting SQL Server activity. 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.

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