

Mcse Lab Manuals 2012

Security Smarts for the Self-Guided IT Professional Protect wireless networks against all real-world hacks by learning how hackers operate. Wireless Network Security: A Beginner's Guide discusses the many attack vectors that target wireless networks and clients--and explains how to identify and prevent them. Actual cases of attacks against WEP, WPA, and wireless clients and their defenses are included. This practical resource reveals how intruders exploit vulnerabilities and gain access to wireless networks. You'll learn how to securely deploy WPA2 wireless networks, including WPA2-Enterprise using digital certificates for authentication. The book provides techniques for dealing with wireless guest access and rogue access points. Next-generation wireless networking technologies, such as lightweight access points and cloud-based wireless solutions, are also discussed. Templates, checklists, and examples give you the hands-on help you need to get started right away. Wireless Network Security: A Beginner's Guide features: Lingo--Common security terms defined so that you 're in the know on the job IMHO--Frank and relevant opinions based on the author's years of industry experience In Actual Practice--Exceptions to the rules of security explained in real-world contexts Your Plan--Customizable checklists you can use on the job now Into Action--Tips on how, why, and when to apply new skills and techniques at work This is an excellent introduction to wireless security and their security implications. The technologies and tools are clearly presented with copious illustrations and the level of presentation will accommodate the wireless security neophyte while not boring a mid-level expert to tears. If the reader invests the time and resources in building a lab to follow along with the text, s/he will develop a solid, basic understanding of what "wireless security" is and how it can be implemented in practice. This is definitely a recommended read for its intended audience. - Richard Austin, IEEE CIPHER, IEEE Computer Society's TC on Security and Privacy (E109, July 23, 2012)

Learn, prepare, and practice for Microsoft MCTS 70-642 exam success with this MCTS 70-642: Windows Server 2008 Network Infrastructure, Configuring Cert Guide from Pearson IT Certification, a leader in IT Certification learning. 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. Master Microsoft 's MCTS 70-642 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCTS 70-642: Windows Server 2008 Network Infrastructure, Configuring Cert Guide is a best-of-breed exam study guide. Best-selling author and expert instructor Don Poulton 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. 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 study guide helps you master all the topics on the MCTS 70-642 exam, including IPv4/IPv6 address configuration and troubleshooting DHCP configuration, installation, management, and troubleshooting Routing configuration, tables, RRAS, management, and maintenance Windows Firewall, Advanced Security, and IPsec DNS installation, configuration, zones, replication, and records Client name resolution File services, shared folders, permissions, and encryption DFS, namespaces, and replication Backup/restore File Server Resource Manager (FSRM) Print services Remote Access, VPNs, and NAT

This text does not include not include a MOAC Labs Online access code. This 70-410 Installing and Configuring Windows Server 2012 textbook prepares certification students for the first of a series of three exams which validate the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure into an existing enterprise environment. This Microsoft Official Academic Course is mapped to the 70-410 Installing and Configuring Windows Server 2012 exam objectives. This textbook focuses on real skills for real jobs and prepares students to prove mastery of core services such as Active Directory and networking services. In addition, this book also covers such valuable skills as: • Managing Active Directory Domain Services Objects • Automating Active Directory Domain Services Administration • Implementing Local Storage • Implementing File and Print Services • Implementing Group Policy • Implementing Server Virtualization with Hyper-V MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410 helps readers thoroughly prepare for the MCSE/MCSA certification exam--as well as the real-world challenges of a Microsoft networking professional. Extensive coverage of all exam objectives begins with an introduction to Windows Server 2012/R2 and continues with coverage of server management, configuration of storage, file and printer services, Active Directory, account management, Group Policy, TCP/IP, DNS, DHCP and Hyper-V virtualization. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Windows Server 2008 Active Directory, Configuring

Windows Server 2008 Network Infrastructure, Configuring

MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410

Configuring Microsoft Windows 8.1

MCSA 70-687 Cert Guide

MCSA Windows Server 2016 Complete Study Guide

This is the print lab manual adjacent to the 70-411 Administering Windows Server 2012 R2 textbook. 70-411 Administering Windows Server 2012 R2 covers the second of three exams required for Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 certification. This course validates the skills and knowledge necessary to administer a Windows Server 2012 Infrastructure in an enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment. This Microsoft Official Academic Course is mapped to the 70-411 Administering Windows Server 2012 exam skills, including the recent R2 objectives. This textbook/lab manual focuses on real skills for real jobs and prepares students to prove mastery of core services such as user and group management, network access, and data security. In addition, this book also covers such valuable skills as: Implementing a Group Policy Infrastructure Managing User and Service Accounts Maintaining Active Directory Domain Services Configuring and Troubleshooting DNS Configuring and Troubleshooting Remote Access Installing, Configuring, and Troubleshooting the Network Policy Server Role Optimizing File Services Increasing File System Security Implementing Update Management 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.

This is the Lab Manual to accompany: Exam 70-413 Designing and Implementing a Server Infrastructure. This Microsoft Official Academic Course (MOAC) IT Professional curriculum prepares certification students for success every step of the way. This 70-413 Designing and Implementing a Server Infrastructure exam course is the first of a series of two exams Microsoft Certified Solutions Associates (MCSE) candidates are required to pass to gain the MCSE: Windows Server 2012 and Windows Server 2012 R2 certification. These MCSE exams test the skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment. Passing these exams confirms students' ability to plan, configure, and implement the Windows Server 2012 services, such as server deployment, server virtualization, and network access and infrastructure. This complete ready-to-teach MOAC program is mapped to all of the exam objectives.

This is the eBook version of the print title. Note that the eBook might not provide access to the practice test software that accompanies the print book. Learn, prepare, and practice for MCSA 70-697 and 70-698 exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. Master MCSA 70-697 and 70-698 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCSA 70-697 and 70-698 Cert Guide is a best-of-breed exam study guide. Technical consultants Don Poulton, Harry Holt, and Randy Bellet 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 70-697 exam, "Configuring Windows Devices," and the MCSA 70-698 exam, "Installing and Configuring Windows 10": all the knowledge you need to earn MCSA: Windows 10 certification. Topics include Exam 70-697: · Managing identity · Planning desktop and device deployment · Planning and implementing a Microsoft Intune device management solution · Configuring networking and storage · Managing data access and protection · Managing remote access, apps, updates, and recovery Exam 70-698: · Implementing Windows · Configuring and supporting core services · Managing and maintaining Windows

Students who are beginning studies in technology need a strong foundation in the basics before moving on to more advanced technology courses and certification programs. The Microsoft Technology Associate (MTA) is a new and innovative certification track designed to provide a pathway for future success in technology courses and careers. The MTA program curriculum helps instructors teach and validate fundamental technology concepts and provides students with a foundation for their careers as well as the confidence they need to succeed in advanced studies. Through the use of MOAC MTA titles you can help ensure your students future success in and out of the classroom. Server fundamentals such as managing Windows Servers (including virtualization) and storage, along with monitoring and troubleshooting servers are included. It also covers such topics as essential naming, directory, and print services. Students also learn of popular Windows Network Services and Applications.

Exam Ref 70-695 Deploying Windows Devices and Enterprise Apps (MCSE)

Configuring Windows Devices; Installing and Configuring Windows 10

MCTS Guide to Microsoft Windows 7 (Exam # 70-680)

Installing and Configuring Windows Server 2012 R2

CompTIA Network+ Lab Manual

Exams 70-410, 70-411, 70-412, and 70-417

This Microsoft Official Academic Course (MOAC) IT Professional curriculum prepares certification students for success every step of the way. This 70-413 Designing and Implementing a Server Infrastructure exam course is the first of a series of two exams Microsoft Certified Solutions Associates (MCSE) candidates are required to pass to gain the MCSE: Windows Server 2012 and Windows Server 2012 R2 certification. These MCSE exams test the skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment. Passing these exams confirms students' ability to plan, configure, and implement the Windows Server 2012 services, such as server deployment, server virtualization, and network access and infrastructure. This complete ready-to-teach MOAC program is mapped to all of the exam objectives.

Fully updated for Windows Server 2012 R2! Prepare for Microsoft Exam 70-410 - and help demonstrate your real-world mastery of implementing and configuring core services in Windows Server 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 MCSA level. Focus on the expertise measured by these objectives: Install and configure servers Configure server roles and features Configure Hyper-V Deploy and configure core network services Install and administer Active Directory Create and manage Group Policy This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Over 1,000 pages of comprehensive exam prep for the entire MCSA Windows Server 2016 certification process MCSA Windows Server 2016 Complete Study Guide is your ultimate companion on the journey to earning the MCSA Windows Server 2016 certification. Covering required Exams 70-740, 70-741, and 70-742, plus preparing you to take the composite upgrade Exam 70-743 (not covered separately in this book), this Study Guide walks

you through 100 percent of all exam objectives to help you achieve complete readiness. Hands-on exercises strengthen your practical skills, and real-world scenarios help you understand how these skills are used on the job. Over 500 practice questions allow you to test your understanding along the way, and the online test bank gives you access to electronic flashcards, practice exams, and over an hour of expert video demonstrations. From basic networking concepts and services to Active Directory and Hyper-V, this guide provides full coverage of critical MCSA concepts and skills. This new edition has been updated for the latest MCSA Windows Server 2016 exam releases, featuring coverage of all the objective domains. This value-priced guide is three books in one, giving you the most comprehensive exam prep experience for all required MCSA exams. Whether you're starting from the beginning, or upgrading from the MCSA Windows Server 2012 R2 certification, arm yourself with the ultimate tool for complete and comprehensive preparation. Study 100 percent of the objectives for all three MCSA exams, plus the upgrade exam Practice your skills using hands-on exercises and real-world scenarios Test your knowledge with over 500 challenging practice questions Access online study aids including flashcards, video demos, and more! The MCSA exams test your knowledge and skill in installation, configuration, deployment, and administration using a variety of networking tools. The scope is broad, but your complete understanding of the most up-to-date concepts and practices is critical to your success on the exam—and on the job. MCSA Windows Server 2016 Complete Study Guide covers everything you need to know, and gives you the tools to help you learn it.

Get a head start evaluating Window Server 2012—with technical insights from a Microsoft MVP who's worked extensively with the beta release. This practical introduction illuminates new features and capabilities, with scenarios demonstrating how the platform can meet the needs of your business. Based on beta software, this book provides the early, high-level information you need to begin preparing now for deployment and management. Topics include: Virtualization and cloud solutions Availability Provisioning and storage management Security and scalability Infrastructure options Server administration

Wireless Network Security A Beginner's Guide

MCSA 70-410 Cert Guide R2

Exam Ref 70-410 Installing and Configuring Windows Server 2012 R2 (MCSA)

Introducing Windows Server 2012

Windows Server 2012 Security from End to Edge and Beyond

MCTS 70-680 Cert Guide

Institutions of higher learning rely heavily on technological innovation to effectively deliver educational services and provide students with a quality experience. Thus, the ability of leaders and administrators at these institutions to produce effective policy and to innovate in an evolving world hinges on successfully applying technological solutions to everyday challenges facing their college or university. Cases on Technologies for Educational Leadership and Administration in Higher Education brings together a collection of practical case studies exploring the application of new technologies, such as student management systems and enterprise resource planning, along with strategies that educational leaders can use to foster organizational change. Targeted toward college and university administrators and leaders, this book discusses successful strategies for managing universities in the tech-savvy 21st century.

This is the Lab Manual to accompany 70-698: Installing & Configuring Windows 10 exam. Students pursuing a Microsoft Certified Solutions Associate (MCSA) for Windows 10 will need to start with this 70-698: Installing & Configuring Windows 10 exam. Often referred to as the Help Desk course, this exam provides students with the essentials needed for a career in Information Technology in a corporate environment. Exam 70-698 is the first exam required to earn the Windows 10 MCSA credential, and a primary course in most Help Desk Technician curricula. This text is comparable to exam 70-687 for Windows 8.1 or 70-680 for Windows 7. This exam covers local installation, configuration of core local services, and the general local management and maintenance of Windows 10. Although the focus is primarily on local scenarios, enterprise scenarios are also included, where applicable. Some cloud-integrated services are covered where appropriate, such as with Microsoft Passport. Microsoft Official Academic Course (MOAC) textbooks are designed for instructor-led classroom courses; the optional MOAC Labs Online facilitate hands-on labs from any location, locally or remotely. Available as an ebook with optional MOAC Labs Online or Lab Manual.

Windows Server 2012 Security from End to Edge and Beyond shows you how to architect, design, plan, and deploy Microsoft security technologies for Windows 8/Server 2012 in the enterprise. The book covers security technologies that apply to both client and server and enables you to identify and deploy Windows 8 security features in your systems based on different business and deployment scenarios. The book is a single source for learning how to secure Windows 8 in many systems, including core, endpoint, and anywhere access. Authors Tom Shinder and Yuri Diogenes, both Microsoft employees, bring you insider knowledge of the Windows 8 platform, discussing how to deploy Windows security technologies effectively in both the traditional datacenter and in new cloud-based solutions. With this book, you will understand the conceptual underpinnings of Windows 8 security and how to deploy these features in a test lab and in pilot and production environments. The book's revolutionary "Test Lab Guide" approach lets you test every subject in a predefined test lab environment. This, combined with conceptual and deployment guidance, enables you to understand the technologies and move from lab to production faster than ever before. Critical material is also presented in key concepts and scenario-based approaches to evaluation, planning, deployment, and management. Videos illustrating the functionality in the Test Lab can be downloaded

from the authors' blog http://blogs.technet.com.b.security_talk/. Each chapter wraps up with a bullet list summary of key concepts discussed in the chapter. Provides practical examples of how to design and deploy a world-class security infrastructure to protect both Windows 8 and non-Microsoft assets on your system Written by two Microsoft employees who provide an inside look at the security features of Windows 8 Test Lab Guides enable you to test everything before deploying live to your system

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 CASP: CompTIA Advanced Security Practitioner Study Guide Authorized Courseware Installing and Configuring Windows Server 2012

Exam 70-413 Designing and Implementing a Server Infrastructure

MCSA 70-697 and 70-698 Cert Guide

Exam Ref 70-761 Querying Data with Transact-SQL

Exam 70-414 Implementing an Advanced Server Infrastructure Lab Manual

Introducing Microsoft(r) SQL Server(r) 2012 explores the exciting enhancements and new capabilities engineered into SQL Server, ranging from improvements in operation to those in reporting and management. This book is for anyone who has an interest in SQL Server 2012 and wants to understand its capabilities, including database administrators, application developers, and technical decision makers.

This is the Lab Manual to accompany Exam 70-414 Implementing an Advanced Server Infrastructure. This Microsoft Official Academic Course (MOAC) IT Professional curriculum prepares certification students for success every step of the way. This 70-414 Implementing an Advanced Server Infrastructure exam course is the second of a series of two exams Microsoft Certified Solutions Associates (MCSE) candidates are required to pass to gain the MCSE: Windows Server 2012 and Windows Server 2012 R2 certification. These MCSE exams test the skills and knowledge necessary to design, implement, and maintain a Windows Server 2012 infrastructure in an enterprise scaled, highly virtualized environment. Passing these exams confirms students' ability to plan, configure, and implement the Windows Server 2012 services, such as server deployment, server virtualization, and network access and infrastructure. This complete ready-to-teach MOAC program is mapped to all of the exam objectives.

Introducing a complete guide to deploying and managing Windows 7 that is suitable for IT professionals and students alike! This instructional text provides the information users need to successfully migrate to Windows 7 and immediately derive benefits from it. Readers will learn about the new features in Windows 7, such as advanced security, and how those features compare to Windows Vista and Windows XP. Valuable for professionals, but written in a way that is understandable to the novice networking student, this informative guide examines Windows 7 in a thorough and logical manner making the information easy to understand and preparing readers for Microsoft's MCTS Exam #70-680. The hands-on activities and case projects help learners practice new skills, and review questions and key terms reinforce important information. The accompanying CD provides valuable certification preparation material, including test preparation software. With a section devoted to troubleshooting, this text also doubles as a manual that professionals can take on the job with them. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. 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.

Exam 98-349 MTA Windows Operating System Fundamentals

Exam CAS-001

MCTS 70-640 Cert Guide

70-698 Installing and Configuring Windows 10 Lab Manual

Windows PowerShell Step by Step

Exam 70-740, Exam 70-741, Exam 70-742, and Exam 70-743

Your hands-on guide to Windows PowerShell scripting fundamentals Expand your expertise--and teach yourself the fundamentals of Windows PowerShell scripting, including features available in Windows PowerShell 5. If you are an IT professional, power user, or consultant, you ' ll get the guidance, exercises, and code you need to master core techniques for automating Windows setup, deployment, and management. Discover how to: Run cmdlets and command-line utilities Administer Windows-based servers and desktops with built-in cmdlets Use providers to access external information Write and run scripts from the Windows ISE Create functions that are easy to maintain Build standardized environments with profiles Automate Windows systems with WMI, CIM cmdlets, and remoting Automate Active Directory Domain Services (AD DS) Debug scripts and handle errors Run commands that survive interruptions Use Desired State Configuration (DSC) to manage software services and their environments Get powerful new modules from PowerShell Gallery About You This book is for: IT professionals and power users who want to get productive with Windows PowerShell, including new features in Windows PowerShell 5 Windows system administrators who want to be more efficient and productive Anyone pursuing Windows PowerShell certifications No experience with Windows PowerShell or other scripting technologies necessary

Prepare for Microsoft Exam 70-761 – and help demonstrate your real-world mastery of SQL Server 2016 Transact-SQL data management, queries, and database programming. 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: • Filter, sort, join, aggregate, and modify data • Use subqueries, table expressions, grouping sets, and pivoting • Query temporal and non-relational data, and output XML or JSON • Create views, user-defined functions, and stored procedures • Implement error handling, transactions, data types, and nulls This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience working with SQL Server as a database administrator, system engineer, or developer • Includes downloadable sample database and code for SQL Server 2016 SP1 (or later) and Azure SQL Database Querying Data with Transact-SQL About the Exam Exam 70-761 focuses on the skills and knowledge necessary to manage and query data and to program databases with Transact-SQL in SQL Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified Solutions Associate (MCSA) certification that demonstrates your mastery of essential skills for building and implementing on-premises and cloud-based databases across organizations. Exam 70-762 (Developing SQL Databases) is also required for MCSA: SQL 2016 Database Development certification. See full details at: microsoft.com/learning

Microsoft Windows Server is a multi-purpose server designed to increase reliability and flexibility of a network infrastructure. Windows Server is the paramount tool used by enterprises in their datacenter and desktop strategy. The most recent versions of Windows Server also provide both server and client virtualization. Its ubiquity in the enterprise results in the need for networking professionals who know how to plan, design, implement, operate, and troubleshoot networks relying on Windows Server. Microsoft Learning is preparing the next round of its Windows Server Certification program with exams covering the new version of the software, Windows Server 2012. The exams and certification path change significantly from the previous version of Windows Server. This provides an opportunity for the MS line to capitalize on the dual disruption of brand-new software and brand-new certifications.

The best fully integrated study system available for CompTIA A+ exams 220-801 & 220-802 With hundreds of practice questions and hands-on exercises, CompTIA A+ Certification Study Guide, Eighth Edition covers what you need to know—and shows you how to prepare—for these challenging exams. McGraw-Hill is a Gold-Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content. 100% complete coverage of all official objectives for the exams Exam Readiness Checklist—you ' re ready for the exams when all objectives on the list are checked off Exam Watch notes call attention to information about, and potential pitfalls in, the exams Two-Minute Drills for quick review at the end of every chapter Simulated exam questions match the format, tone, topics, and difficulty of the multiple-choice exam questions Covers all the exam topics, including: Operational Procedures • Operating System Fundamentals • Motherboards and Processors • Storage, Memory, and Adapters • Power Supplies, Display Devices, and Peripherals • Installing and Upgrading PC Components • Installing and Configuring Laptops • Client-Side Virtualization • Upgrading, Installing, and Configuring Windows • Disk and File Management • Troubleshooting, Repair, and Maintenance of PCs • Troubleshooting and Preventive Maintenance for Laptops • Troubleshooting and Preventive Maintenance for Windows • Network Basics • Installing a Small Office/Home Office (SOHO) Network • Troubleshooting Networks • Computer Security Fundamentals • Implementing Digital Security • Configuring and Troubleshooting Windows Clients • Supporting Mobile Devices • Using and Supporting Printers

Electronic content includes: Complete MasterExam practice testing engine, featuring: Two practice exams; Detailed answers with explanations; Score Report performance assessment tool CertCam video clips from the authors Glossary with key terms MasterSim interactive labs One segment of LearnKey video training With free online registration: Bonus—two downloadable MasterExam practice tests

70-411 Administering Windows Server 2012 R2 Lab Manual

MCSA 70-410

Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016

Forthcoming Books

Exam 70-413 Designing and Implementing a Server Infrastructure Lab Manual

CompTIA A+ Certification Study Guide 8/E Exams 220-801&802

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

The Microsoft Technology Associate certification (MTA) curriculum helps instructors teach and validate fundamental concepts with a foundation for students' careers as well as the confidence they need to succeed in advanced studies of MOAC MTA titles you can help ensure your students future success in and out of the classroom. This MTA text covers the following Windows Operating System vital fundamental skills: • Understanding Operating System Configurations • Installing and Upgrading Client Systems • Managing Applications, Managing Files and Folders • Managing Devices • Understanding Operating System Maintenance. Click here to learn more about Microsoft Technology Associate, (MTA) a new and innovative certification designed to provide a pathway for future success in technology courses and careers.

The completely updated NETWORK+ GUIDE TO NETWORKS, 6th Edition gives students the technical skills and industry knowledge required to begin an exciting career installing, configuring, and troubleshooting computer networks. The text also prepares students for CompTIA's Network+ N10-005 certification exam with fundamentals in protocols, topologies, hardware, and networking. After exploring TCP/IP, Ethernet, wireless transmission, and security concepts, as well as an all-new chapter on virtualization, students can increase their knowledge with the practical On-the-Jobstories, Review Questions, Hands-On Projects, and Projects. NETWORK+ GUIDE TO NETWORKS, 6th Edition also includes reference appendices, a glossary, and full-color illustrations. The features of the text combined with its emphasis on real-world problem solving, provides students with the skills they need to succeed in any computing environment. Important Notice: Media content referenced within the product description and product text may not be available in the ebook version.

This is the eBook version of the print title. Access to the PDFs on the CD and the practice test engine is available through registration at Pearson IT Certification - or see instructions in back pages of your eBook. Start-to-finish MCTS 70-680 from top Microsoft technology consultant, trainer, and author Don Poulton! Windows 7 installation, upgrades, and deployment and application migration Windows 7 deployment Physical and virtual hard disk configuration and management Windows 7 Device and application configuration Internet Explorer configuration Networking, including TCP/IP configuration Firewall configuration Mobile and remote computing Secure access control for local and shared resources System performance management and monitoring Backups, system recovery, and file recovery Test your knowledge, build your confidence, and succeed! Practical visuals to help you learn fast Dozens of troubleshooting scenarios Real-world MCTS 70-680 prep advice from expert exam preparation task lists From Don Poulton, professional Microsoft technology consultant, IT training expert, and exam guide author

Exam 70-410 Installing and Configuring Windows Server 2012

Microsoft Windows 7, Configuring

Introducing Microsoft SQL Server 2012

Training Guide Installing and Configuring Windows Server 2012 (MCSA)

Learning Microsoft Windows Server 2012 Dynamic Access Control

Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs Lab Manual, Fourth Edition (Exams 220-801

NOTE: This title is also available as a free eBook. It is offered for sale in print format as a convenience. Get a head start evaluating System Center 2012 R2 - with technical insights from a Microsoft MVP and members of the System Center product team. This guide introduces new features and capabilities, with scenario-based advice on how the platform can meet the needs of your business. Get the high-level overview you need to begin preparing your deployment now. Preview new features and enhancements, including: Virtual Machine Manager App Controller Configuration Manager Data Protection Manager Operations Manager Advisor Service Manager Orchestrator Bestselling CompTIA A+ author Mike Meyers provides 130+ hands-on, step-by-step labs—updated for the 2012 exams—so you can practice the IT skills essential for your success With coverage of CompTIA A+ certification exams 220-801 and 220-802, Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs Lab Manual, Fourth Edition contains more than 130 labs that challenge you to solve real-world problems with key concepts. Clear, measurable lab objectives map to certification exam objectives, ensuring direct correspondence to Mike Meyers' CompTIA A+ Guide to Managing and Troubleshooting PCs, Fourth Edition. Lab solutions are only available to instructors and are not printed inside the book. The Lab Manual also includes materials lists

and lab set-up instructions. Step-by-step, not click-by click, lab scenarios require you to think critically, and Hint and Warning icons guide you through potentially tricky situations. Post-lab observation questions measure your understanding of lab results and the key term quiz helps to build your vocabulary.

Gain street-smart skills in network administration Think of the most common and challenging tasks that network administrators face, then read this book and find out how to perform those tasks, step by step. CompTIA Network + Lab Manual provides an inside look into the field of network administration as though you were actually on the job. You'll find a variety of scenarios and potential roadblocks, as well as clearly mapped sections to help you prepare for the CompTIA Network+ Exam N10-005. Learn how to design, implement, configure, maintain, secure, and troubleshoot a network with this street-smart guide. Provides step-by-step instructions for many of the tasks network administrators perform on a day-to-day basis, such as configuring wireless components; placing routers and servers; configuring hubs, switches, and routers; configuring a Windows client; and troubleshooting a network Addresses the CompTIA Network+ Exam N10-005 objectives and also includes a variety of practice labs, giving you plenty of opportunities for hands-on skill-building Organized by the phases of network administration: designing a network, implementing and configuring it, maintenance and security, and troubleshooting Study, practice, and review for the new CompTIA Network+ N10-005 Exam, or a networking career, with this practical, thorough lab manual.

The Lab Manual provides students with the hands-on instruction necessary to prepare for the certification exam and deploy and manage Windows 7. Designed for classroom-led or self-paced study, labs complement main text content and offer a unique, practical approach to learning that is a key component to the exams. The Lab Manual includes lab activities, objectives, materials list, step-by-step procedures, illustrations and review questions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Cases on Technologies for Educational Leadership and Administration in Higher Education

Mastering Windows Server 2012 R2

MCSA Windows Server 2012 Complete Study Guide

Exam 70-411 Administering Windows Server 2012

MCTS Lab Manual

Introducing Microsoft System Center 2012 R2

Prepare for Microsoft Exam 70-695--and help demonstrate your real-world mastery of deploying enterprise apps and services. Designed for experienced IT pros 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: Implement the system deployment infrastructure Implement a Lite-Touch deployment Implement a Zero-Touch deployment Create and manage desktop images Prepare and deploy the application environment This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have experience with Windows client systems, Windows Server, System Center 2012 R2 Configuration Manager, and enterprise client management--plus how to connect with connecting to Microsoft SQL Server, using Windows PowerShell, and configuring applications.

This practical tutorial-based book is filled with information about the architecture, functionality, and extensions of Windows Server 2012 Dynamic Access Control. If you are an IT consultant/architect, system engineer, system administrator, or security engineers planning to implement Dynamic Access Control in your organization, or have already implemented it, to discover more about the abilities and how to use them effectively, this book will be an essential resource.

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 for MCSA 70-687 Certification, a leader in IT certification. Master MCSA 70-687 exam topics for Windows 8.1 configuration Assess your current knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks MCSA 70-687 Cert Guide for MCSA 70-687 Certification Microsoft® Windows 8.1 is a best-of-breed exam study guide. Best-selling authors and expert instructors Don Poyner, Don Bellet, and Harry Holt share preparation hints and test-taking tips, helping you identify areas of weakness and improve 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 key elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you review key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation checklist helps you through tools and resources to help you craft your final study plan.  Well-regarded for its level of detail, assessment, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that you need 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 Windows 8.1 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 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 Prepare for Microsoft Exam 70-740--and help demonstrate your real-world mastery of Windows Server 2016 installation, configuration, and compute features and capabilities. Designed for experienced IT professionals ready to advance their status, Exam Ref

on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the expertise 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 infrastructures, topologies, architectures, and protocols; and have experience with Windows clients and virtualization About the Exam Exam Ref: 70-740 focuses on the skills and knowledge necessary to implement and configure storage and compute features in Windows Server 2016. About Microsoft Certification Passing this exam earns you credit toward a Microsoft Certified 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 and Security with Windows Server 2016) are also required for MCSA: Windows Server 2016 certification. See full details at: microsoft.com/learning/mcts-70-642-cert-guide

Network+ Guide to Networks

Architecting, Designing, Planning, and Deploying Windows Server 2012 Security Solutions

98-365: Windows Server Administration Fundamentals, B&N Renting e-Bk

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®

Prepare for the MCSA Windows Server 2012 exams with this Sybex study guide Microsoft's new version of the MCSA certification for Windows Server 2012 requires passing three exams. This value-priced study guide includes more than 1,000 pages of quality exam-prep content, covering 100 percent of the objective domains of all three exams (as well as the Upgrade exam, 70-417). Also includes more than 500 practice questions. You also have access to three bonus exams, 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. Provides a comprehensive study guide for all three MCSA Windows Server 2012 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 exams, electronic flashcards, and over an hour of video demonstrations Covers all exam objectives MCSA Windows Server 2012 Complete Study Guide arms you with all the information you must master to achieve MCSA certification on Windows Server 2012.