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Mastering Microsoft Windows Server 2008 R2 - Mark Minasi 2010-03-30
The one book you absolutely need to get up and running with Windows Server 2008 R2. One of the world's leading Windows authorities and top-selling author Mark Minasi explores every nook and cranny of the latest version of Microsoft's flagship network operating system, Windows Server 2008 R2, giving you the most in-depth coverage in any book on the market. Focuses on Windows Windows Server 2008 R2, the newest version of Microsoft's Windows' server line of operating system, and the ideal server for new Windows 7 clients Author Mark Minasi is one of the world's leading Windows authorities and has taught tens of thousands of people to design and run Windows networks Covers Windows storage concepts and skills, Windows Server 2008 IP, WINS, NetBIOS, LMHosts, DNS, creating the simple Active Directory, and creating and managing user accounts Explains Group Policy in Active Directory; files, folders and shares; Sysvol, old and new; sharing printers on the network; remote server administration; connecting Windows clients to your network; working the Web with IIS 7.0; and AD maintenance and recovery Provides workarounds for things that don't quite work as they should and

how-tos for many undocumented features Find out everything you want to know-and then some!

MCTS 70-643 Exam Cram - Patrick Regan 2008-09-11

The smartest, fastest, most effective preparation for Microsoft's brand-new MCTS 70-643 Exam. • • All you need to know to pass Microsoft's new MCTS 70-643 exam on Windows Server 2008 application infrastructure configuration. • Designed to help candidates rapidly assess where they stand - and quickly master what they need to learn. • Includes test-taking strategies, time-saving tips, Exam Notes, and two sample exams delivered by the state-of-the-art MeasureUp test engine. *MCTS 70-643 Exam Cram: Windows Server 2008 Applications Infrastructure, Configuring* is the perfect study guide to help readers pass the new 70-643 exam -- a core exam in Microsoft's recently-introduced MCITP Windows Server 2008 certification programs. Like all Exam Cram books, this book includes: -Chapters that map directly to the exam objectives. -Comprehensive foundational learning on all topics covered on the exam. -An extensive collection of practice questions (including two full practice exams) -A state-of-the-art CD-ROM test

engine that provides real-time practice and feedback. -Notes, tips, sidebars, cautions, test-taking strategies, and time-saving tips that make studying as effective and time-efficient as possible. -The Cram Sheet tear-out card including tips, acronyms, and memory joggers not available anywhere else - perfect for last-minute study. MCTS 70-643 Exam Cram brings together all the knowledge professionals need to walk into the exam room with confidence - and pass their MCTS 70-643 exam with flying colors.

McItP Self-Paced Training (Exams 70-640, 70-642, 70-646) - Dan Holme 2008

Offering complete coverage of the skills and concepts tested by the Windows Server 2008 Administrator certification, this all-in-one exam preparation package encompasses exams 70-640, 70-642, and 70-646, with official study guides for each test, as well as practice tests on CD-ROM, self-paced training based on exam content, objective-by-objective review, test-taking strategies, and more. Original. (Intermediate)

Monolith to Microservices - Sam Newman 2019-11-14

How do you detangle a monolithic system and migrate it to a microservice architecture? How do you do it while maintaining business-as-usual? As a companion to Sam Newman's extremely popular Building Microservices, this new book details a proven method for transitioning an existing monolithic system to a microservice architecture. With many illustrative examples, insightful migration patterns, and a bevy of practical advice to transition your monolith enterprise into a microservice operation, this practical guide covers multiple scenarios and strategies for a successful migration, from initial planning all the way through application and database decomposition. You'll learn several tried and tested patterns and techniques that you can use as you migrate your existing architecture. Ideal for organizations looking to transition to microservices, rather than rebuild Helps companies determine whether to migrate, when to migrate, and where to begin Addresses communication, integration, and the migration of legacy systems Discusses multiple migration patterns and where they apply Provides database migration examples, along with synchronization

strategies Explores application decomposition, including several architectural refactoring patterns Delves into details of database decomposition, including the impact of breaking referential and transactional integrity, new failure modes, and more

MCITP: Windows Server 2008 Enterprise Administrator Study Guide - Steven Johnson 2013-04-01

Learn everything about Microsoft's brand new MCITP: Windows Server 2008 Enterprise Administrator exam with the helpful information in MCITP: Windows Server 2008 Enterprise Administrator Study Guide (Exam 70-647, with CD). Find complete exam coverage, including exam objectives, real-world scenarios, hands-on exercises, and challenging review questions to assist you in developing your knowledge. This book offers clear and comprehensive exam coverage so that you can be one step closer to earning your title as a Microsoft Certified Information Technology Professional and feel confident and prepared when you take the test. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Training Kit (Exam 70-461): Querying Microsoft SQL Server 2012 - Itzik Ben-Gan 2012-11

Ace your preparation for Microsoft® Certification Exam 70-461 with this 2-in-1 Training Kit from Microsoft Press®. Work at your own pace through a series of lessons and practical exercises, and then assess your skills with practice tests on CD—featuring multiple, customizable testing options. Maximize your performance on the exam by learning how to: Create database objects Work with data Modify data Troubleshoot and optimize queries You also get an exam discount voucher—making this book an exceptional value and a great career investment.

CompTIA A+ 220-701 and 220-702 Practice Questions Exam Cram - Patrick Regan 2011-01-25

CompTIA A+ 220-701 and 220-702 Practice Questions Exam Cram, Fourth Edition complements any A+ study plan with more than 1,000 practice test questions in the book and on the CD—all supported by complete explanations of every correct and incorrect answer. This package's highly realistic questions cover every area of knowledge for

both new A+ exams: A+ Essentials (220-701) and A+ Practical Application (220-702). This is the eBook version of the print title. The eBook does not provide access to the practice test engine on the print book CD. Limited Time Offer: Buy CompTIA A+ 220-701 and 220-702 Practice Questions Exam Cram and receive a 10% off discount code for the CompTIA A+ 220-701 and 220-702 exams. To receive your 10% off discount code: 1. Register your product at pearsonITcertification.com/register 2. When prompted, enter ISBN number: 9780789747914 3. Go to your Account page and click on "Access Bonus Content" Master Your Knowledge of the A+ Exam! Features more than 1,000 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 current A+ exams, including Windows 7. Use the information packed fold out Cram Sheet in your final exam preparations. Patrick Regan has been a PC technician and network administrator/engineer for more than 16 years. He has taught many computer and networking technology classes at Sacramento local colleges (Heald Colleges and Institute of Technology) and conducted extensive formal and informal training as an IT administrator and an Intel Corporation product support engineer. He is currently a senior network engineer at Pacific Coast Companies, where he supports a large enterprise network. For his teaching accomplishments, he received Heald Colleges' Teacher of the Year award. Regan's certifications include CompTIA's A+, Network+, Server+, Linux+, Security+, and CTT+; Microsoft's MCSE, MCSA, MCITP, and MCT; Cisco's CCNA; and Novell's CNE.

MCTS: Windows Server 2008 Applications Infrastructure Configuration Study Guide - Joel Stidley 2008-08-11

This comprehensive guide offers 100 percent coverage of the exam's objectives, real-world scenarios, hands-on exercises, and challenging review questions Prepares readers to configure terminal services, Web Services infrastructure, security for Web Services, communication services, and file and print services The newest set of Microsoft Certified

Technology Specialist (MCTS) and Microsoft Certified Information Technology Professional (MCITP) certifications will include exams on Windows Server 2008, and this book is a must-have for those who are looking to upgrade their certifications For Instructors: Teaching supplements are available for this title.

Windows Server 2012 R2 Inside Out - William R. Stanek 2014

This supremely organized reference packs hundreds of timesaving solutions, troubleshooting tips, and workarounds for Windows Server 2012 R2 - with a focus on infrastructure, core services, and security features. Coverage includes: TCP/IP networking Managing DHCP DNS infrastructure and management Implementing and managing DNS and WINS Active Directory architecture, sites, replication, domain services Read-only domain controllers Managing users, groups, and computers Managing Group Policy Active Directory site administration Deploying and managing print services

Adobe Edge Animate: The Missing Manual - Chris Grover 2012-11-05

Want to create animated graphics for iPhone, iPad, and the Web, using familiar Adobe features? You've come to the right book. Adobe Edge Animate: The Missing Manual shows you how to build HTML5 graphics with Adobe visual tools. No programming experience? No problem. Adobe Edge Animate writes all of the code for you. With this book, you'll be designing great-looking web elements in no time. (Note: This book does not cover Adobe Edge Animate CC and later versions.) The important stuff you need to know: Jump into animation. Master Animate's elements, properties, and timeline panels. Create and import graphics. Make drawings with Animate's tools, or use art you've created in other programs. Work with text. Build menus, label buttons, provide instructions, and perform other tasks. Make it interactive. Use triggers and actions to give users control over their web experience. Dig into JavaScript. Customize your projects by tweaking your code. Look great at any size. Publish responsive web pages that adjust to any display, tablet, or smartphone.

High-Performance Modelling and Simulation for Big Data Applications - Joanna Kołodziej 2019-03-25

This open access book was prepared as a Final Publication of the COST Action IC1406 "High-Performance Modelling and Simulation for Big Data Applications (cHiPSet)" project. Long considered important pillars of the scientific method, Modelling and Simulation have evolved from traditional discrete numerical methods to complex data-intensive continuous analytical optimisations. Resolution, scale, and accuracy have become essential to predict and analyse natural and complex systems in science and engineering. When their level of abstraction raises to have a better discernment of the domain at hand, their representation gets increasingly demanding for computational and data resources. On the other hand, High Performance Computing typically entails the effective use of parallel and distributed processing units coupled with efficient storage, communication and visualisation systems to underpin complex data-intensive applications in distinct scientific and technical domains. It is then arguably required to have a seamless interaction of High Performance Computing with Modelling and Simulation in order to store, compute, analyse, and visualise large data sets in science and engineering. Funded by the European Commission, cHiPSet has provided a dynamic trans-European forum for their members and distinguished guests to openly discuss novel perspectives and topics of interests for these two communities. This cHiPSet compendium presents a set of selected case studies related to healthcare, biological data, computational advertising, multimedia, finance, bioinformatics, and telecommunications.

Microsoft Exchange Server 2010 Best Practices - Joel Stidley
2010-07-15

Covers Service Pack 1! Apply best practices for administering Exchange Server 2010 and SP1--and optimize your operational efficiency and results. This guide captures the field-tested solutions, real-world lessons, and candid advice of practitioners across the range of business and technical scenarios--and across the IT life cycle. Gain expert insights on what works, where to make tradeoffs, and how to implement the best decisions for your organization. Discover how to: Apply scenario-based guidance for planning and deployment Prepare Active Directory(R) and

the server environment Validate requirements and understand configuration tradeoffs Learn best ways to manage users, mailboxes, and permissions Optimize message routing and security Design and implement Unified Messaging and federated delegation Define your archiving and compliance strategy Build high availability into your backup and recovery plan Monitor and tune performance Apply proven troubleshooting tactics Companion Web content features: Checklists, planning worksheets, and other job aids Quick Reference Guide to best practices, including recommended configurations Fast-reference card for using Windows PowerShell(TM)

MCTS Windows Server 2008 R2 Complete Study Guide - William Panek
2011-03-21

The must-have study guide for all three Windows Server 2008 R2 MCTS exams Network administrators boost their value to their employers with certification, and Microsoft's three Windows Server 2008 exams offer certification specialties in configuring Active Directory, Network Infrastructure, and Applications Infrastructure. With complete coverage to prepare you for all three exams, this comprehensive study guide has three times the value. Real-world scenarios and hands-on exercises supplement the information to facilitate learning. The three Windows Server 2008 R2 exams (70-640, 70-642, and 70-643) are the first step in achieving Microsoft Certified Technology Specialist status; this complete study guide covers all three Includes information on installing and configuring Microsoft exchange servers; monitoring and reporting; configuring recipient and public folders, exchange infrastructure, disaster recovery, addressing and services, name resolution, network access, and remote desktop services; monitoring and managing network infrastructure; and deploying servers Supplemented with plenty of hands-on exercises and real-world scenarios to prepare you for the exam and the work beyond Anyone planning to take exam 70-640, 70-642, or 70-643 will be better prepared with MCTS: Windows Server 2008 R2 Complete Study Guide.

Windows Server 2016 Unleashed (includes Content Update Program) - Rand Morimoto 2017-09-11

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

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

MCTS: Windows Server 2008 Applications Infrastructure Configuration Study Guide - Joel Stidley 2012-05-14

This comprehensive guide offers 100 percent coverage of the exam's objectives, real-world scenarios, hands-on exercises, and challenging review questions Prepares readers to configure terminal services, Web Services infrastructure, security for Web Services, communication services, and file and print services The newest set of Microsoft Certified Technology Specialist (MCTS) and Microsoft Certified Information Technology Professional (MCITP) certifications will include exams on Windows Server 2008, and this book is a must-have for those who are looking to upgrade their certifications For Instructors: Teaching supplements are available for this title.

MCTS Self-paced Training Kit (exam 70-643) - J. C. Mackin 2011

Presents lessons, reviews, exercises, real-life scenarios, and practice exams to help prepare for the Microsoft's 70-643 exam.

MCSA Windows Server 2012 Complete Study Guide - William Panek 2013-06-10

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.

MCTS WINDOWS SERVER 2008 R2 (3 IN 1) COMPLETE STUDY GUIDE: EXAM 70-640,70-642,70-643 (With CD) - William Panek
2011-07-01

Market_Desc: · Primary Audience--Those looking to achieve their MCTS in one of the three areas: Active Directory, Network Infrastructure, or Application Infrastructure. · Secondary Audience--Any person looking to learn more about Windows Server 2008 Active Directory, Network Infrastructure, or Application Infrastructure. Special Features: · Updated for Windows Server R2--Microsoft is updating their Windows Server 2008 exams to cover R2. This will be the first book out to cover the new exams, and the enhancements to the popular operating system. · Covers 3 Exams in One-Book covers all three of the MCTS: Server 2008, R2 exams, all of which are prerequisites for those pursuing their MCITP certifications for Windows Server 2008. · Huge Established Audience--Over 2.1 million people have taken and passed a Microsoft certification exam. There are currently over 200,000 MCSEs and MCSAs certified under Windows Server 2003--most of which will be upgrading their certifications. · The MUST HAVE for Network Administrators--Microsoft Windows Server is the leading server OS software in the world. With the release of Windows Server 2008, IT Professionals will need to distinguish

themselves from pack. About The Book: Network administrators boost their value to their employers with certification, and Microsoft's three Windows Server 2008 exams offer certification specialties in configuring Active Directory, Network Infrastructure, and Applications Infrastructure. With complete coverage to prepare you for all three exams, this comprehensive study guide has three times the value. Real-world scenarios and hands-on exercises supplement the information to facilitate learning.

MCSA Windows Server 2012 R2 Complete Study Guide - William Panek
2015-01-27

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

information you must master to achieve MCSA certification on Windows Server 2012 R2.

Modernizing IBM i Applications from the Database up to the User Interface and Everything in Between - Nadir K. Amra 2015-12-07

This IBM® Redbooks® publication is focused on melding industry preferred practices with the unique needs of the IBM i community and providing a holistic view of modernization. This book covers key trends for application structure, user interface, data access, and the database. Modernization is a broad term when applied to applications. It is more than a single event. It is a sequence of actions. But even more, it is a process of rethinking how to approach the creation and maintenance of applications. There are tangible deliveries when it comes to modernization, the most notable being a modern user interface (UI), such as a web browser or being able to access applications from a mobile device. The UI, however, is only the beginning. There are many more aspects to modernization. Using modern tools and methodologies can significantly improve productivity and reduce long-term cost while positioning applications for the next decade. It is time to put the past away. Tools and methodologies have undergone significant transformation, improving functionality, usability, and productivity. This is true of the plethora of IBM tools and the wealth of tools available from many Independent Solution Providers (ISVs). This publication is the result of work that was done by IBM, industry experts, and by representatives from many of the ISV Tool Providers. Some of their tools are referenced in the book. In addition to reviewing technologies based on context, there is an explanation of why modernization is important and a description of the business benefits of investing in modernization. This critical information is key for line-of-business executives who want to understand the benefits of a modernization project. This book is appropriate for CIOs, architects, developers, and business leaders. Related information Making the Case for Modernization, IBM Systems Magazine

The Real MCTS/MCITP Exam 70-643 Prep Kit - Brien Posey 2011-04-18

This exam is designed to validate Windows Server 2008 applications

platform configuration skills. This exam will fulfill the Windows Server 2008 Technology Specialist requirements of Exam 70-643. The Microsoft Certified Technology Specialist (MCTS) on Windows Server 2008 credential is intended for information technology (IT) professionals who work in the complex computing environment of medium to large companies. The MCTS candidate should have at least one year of experience implementing and administering a network operating system in an environment that has the following characteristics: 250 to 5,000 or more users; three or more physical locations; and three or more domain controllers. MCTS candidates will manage network services and resources such as messaging, a database, file and print, a proxy server, a firewall, the Internet, an intranet, remote access, and client computer management. In addition MCTS candidates must understand connectivity requirements such as connecting branch offices and individual users in remote locations to the corporate network and connecting corporate networks to the Internet. Addresses both newcomers to MS certification, and those who are upgrading from Windows 2003 Two full-function ExamDay practice exams guarantee double coverage of all exam objectives Free download of audio FastTracks for use with iPods or other MP3 players THE independent source of exam-day tips, techniques, and warnings not available from Microsoft Comprehensive study guide guarantees 100% coverage of all Microsoft's exam objectives Interactive FastTrack e-learning modules help simplify difficult exam topics *MCTS Self-paced Training Kit (exam 70-643)* - J. C. Mackin 2008 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.

Windows Server 2008 Portable Command Guide - Darril Gibson 2011-05-12

Windows Server® 2008 Portable Command Guide MCTS 70-640, 70-642, 70-643, and MCITP 70-646, 70-647 Darril Gibson All the MCTS 70-640, 70-642, 70-643, and MCITP 70-646, 70-647 Commands in One Compact,

Portable Resource Maximize your efficiency as a Windows Server 2008 administrator, and master the commands, keywords, command arguments, options, and prompts covered on Microsoft's MCTS 70-640, MCTS 70-642, MCTS 70-643, MCITP 70-646, and MCITP 70-647 exams! This easy, handy reference brings together all the techniques, tips, tools, and examples you'll need. It's your perfect take-anywhere guide to running Windows Server 2008 and R2 environments—and passing Microsoft's five key Windows Server 2008 administration exams. Covers all the commands you need to score higher on your MCTS 70-640, 70-642, 70-643, and MCITP 70-646 and 70-647 exams! Master the command prompt in Windows Server 2008 and Windows Server 2008 R2 Manipulate files, folders, and shares Write effective batch files Manage and troubleshoot DNS with dnscmd and nslookup Manage and troubleshoot Active Directory—from basic and advanced ds commands through replication Work with group policy and the Security Configuration Wizard Configure Server Core, including roles and remote administration Control services, routing, printers, licensing, activation, event subscriptions, and more Troubleshoot networking, reliability, and performance Utilize Terminal Services and Remote Desktop Services Create and manage server roles from the command line Administer Windows Server 2008 with PowerShell and VB scripts Your Perfect Take-Anywhere Windows Server 2008 Command Resource! Covers commands on the MCTS 70-640, MCTS 70-642, MCTS 70-643, MCITP 70-646, and MCITP 70-647 exams Includes important administration commands that aren't on the exams Packed with realistic scenarios, high-efficiency examples, and expert tips Category: Microsoft Certification Covers: Windows Server 2008 Exams (MCTS 70-640, 70-642, 70-643, and MCITP 70-646, 70-647)

MCTS 70-680 Cert Guide - Don Poulton 2010-11-02

This is the eBook version of the print title. Access to the PDFs on the CD and the practice test engine is available through product registration at Pearson IT Certification - or see instructions in back pages of your eBook. Start-to-finish MCTS 70-680 preparation from top Microsoft technology consultant, trainer, and author Don Poulton! Windows 7

installation, upgrades, and deployment User and application migration Windows 7 deployment Physical and virtual hard disk configuration and management Windows Update Device and application configuration Internet Explorer configuration Networking, including TCP/IP configuration Firewall settings 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! Packed with visuals to help you learn fast Dozens of troubleshooting scenarios Real-world MCTS 70-680 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

Exam 70-643 Windows Server 2008 Applications Infrastructure Configuration, Lab Manual Set - Microsoft Official Academic Course 2010-03-22

Exam 70-643, Windows Server 2008 Applications Platform 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) 70-643 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.

SQL Server 2017 Administration Inside Out - William Assaf 2018-02-26 Conquer SQL Server 2017 administration—from the inside out Dive into SQL Server 2017 administration—and really put your SQL Server DBA

expertise to work. This supremely organized reference packs hundreds of timesaving solutions, tips, and workarounds—all you need to plan, implement, manage, and secure SQL Server 2017 in any production environment: on-premises, cloud, or hybrid. Four SQL Server experts offer a complete tour of DBA capabilities available in SQL Server 2017 Database Engine, SQL Server Data Tools, SQL Server Management Studio, and via PowerShell. Discover how experts tackle today's essential tasks—and challenge yourself to new levels of mastery.

- Install, customize, and use SQL Server 2017's key administration and development tools
- Manage memory, storage, clustering, virtualization, and other components
- Architect and implement database infrastructure, including IaaS, Azure SQL, and hybrid cloud configurations
- Provision SQL Server and Azure SQL databases
- Secure SQL Server via encryption, row-level security, and data masking
- Safeguard Azure SQL databases using platform threat protection, firewalling, and auditing
- Establish SQL Server IaaS network security groups and user-defined routes
- Administer SQL Server user security and permissions
- Efficiently design tables using keys, data types, columns, partitioning, and views
- Utilize BLOBs and external, temporal, and memory-optimized tables
- Master powerful optimization techniques involving concurrency, indexing, parallelism, and execution plans
- Plan, deploy, and perform disaster recovery in traditional, cloud, and hybrid environments

For Experienced SQL Server Administrators and Other Database Professionals

- Your role: Intermediate-to-advanced level SQL Server database administrator, architect, developer, or performance tuning expert
- Prerequisites: Basic understanding of database administration procedures

MCITP Self-paced Training Kit (exam 70-685) - Tony Northrup 2010
"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.

A Guide to Kernel Exploitation - Enrico Perla 2010-10-28

A Guide to Kernel Exploitation: Attacking the Core discusses the

theoretical techniques and approaches needed to develop reliable and effective kernel-level exploits, and applies them to different operating systems, namely, UNIX derivatives, Mac OS X, and Windows. Concepts and tactics are presented categorically so that even when a specifically detailed vulnerability has been patched, the foundational information provided will help hackers in writing a newer, better attack; or help pen testers, auditors, and the like develop a more concrete design and defensive structure. The book is organized into four parts. Part I introduces the kernel and sets out the theoretical basis on which to build the rest of the book. Part II focuses on different operating systems and describes exploits for them that target various bug classes. Part III on remote kernel exploitation analyzes the effects of the remote scenario and presents new techniques to target remote issues. It includes a step-by-step analysis of the development of a reliable, one-shot, remote exploit for a real vulnerability a bug affecting the SCTP subsystem found in the Linux kernel. Finally, Part IV wraps up the analysis on kernel exploitation and looks at what the future may hold. Covers a range of operating system families — UNIX derivatives, Mac OS X, Windows

Details common scenarios such as generic memory corruption (stack overflow, heap overflow, etc.) issues, logical bugs and race conditions

Delivers the reader from user-land exploitation to the world of kernel-land (OS) exploits/attacks, with a particular focus on the steps that lead to the creation of successful techniques, in order to give to the reader something more than just a set of tricks

MCTS 70-643 Exam Cram - Patrick Regan 2008-09-11

MCTS Exam Cram Windows Server 2008 Applications Infrastructure, Configuring Exam 70-643 Patrick Regan Covers the critical information you'll need to know to score higher on Exam 70-643! Administer Windows Server 2008 and Core Server using the Control Panel, Computer Management Console, Server Management Console, and other system tools Install roles and features in Windows Server 2008 Use Windows Deployment Services to centrally manage the entire deployment process in any Windows environment Implement secure, reliable infrastructure for deploying websites and services Efficiently

configure and manage disks, volumes, partitions, and server clusters
Ensure high availability in production environments Configure Terminal
Services RemoteApp, Gateway, load balancing, resources, licensing,
client connections, and server options Configure Windows Media Server
and Digital Rights Management to deliver audio and video content
Deploy virtual machines using Hyper-V and Microsoft's other
virtualization solutions Run Microsoft Windows SharePoint Services to
provide effective collaboration WRITTEN BY A LEADING EXPERT:
Patrick Regan, MCSE, MCSA, MCITP, MCT, A+, Network+, Server+,
Linux+, Security+, CTT+, CCNA, CNE, has been a PC technician and
network administrator/ engineer for 13 years. Regan has conducted
formal and informal training as an IT administrator at Heald Colleges
and a product support engineer for Intel. He has received Heald
Colleges' Teacher of the Year award and several awards from Intel. He is
currently a senior network engineer at Pacific Coast Companies, where
he supports 160 servers and 70 sites. Regan is the author of several
books, including MCTS 70-620 Exam Cram: Microsoft Windows Vista,
Configuring; IT Essentials: PC Hardware and Software Labs and Study
Guide, Third Edition; and Troubleshooting the PC with A+ Preparation,
Third Edition.

Exchange Server 2010 Administration - Joel Stidley 2010-11-02

A soup-to-nuts guide for messaging administrators Exchange Server is
the world's leading e-mail server software. Windows 7 and Server 2008
R2 have made changes that messaging administrators need to know and
understand in their daily work with Exchange Server. This Sybex guide
focuses on the skills, concepts, technologies, and potential pitfalls that
admins in the trenches need to understand. It also provides the
information they need to earn MCITP certification. Updates in Exchange
Server, the world's leading e-mail server software, require messaging
administrators to update their knowledge in order to provide the best
possible e-mail solutions Highly focused and comprehensive, this guide
teaches you to design a highly available e-mail messaging server, install
and configure Exchange Server 2010, work with recipients, groups and
mailboxes, configure public folders, secure Exchange, and more CD

includes video walkthroughs of more difficult tasks, practice exams, and
electronic flashcards. Exchange Server 2010 Administration offers real-
world knowledge that messaging admins need every day and helps
prepare candidates for the MCITP certification exam. CD-ROM/DVD and
other supplementary materials are not included as part of the e-book file,
but are available for download after purchase.

MCTS Guide to Configuring Microsoft Windows Server 2008

Applications Infrastructure Exam # 70-643 - John Tucker 2012-07-19

MCTS GUIDE TO MICROSOFT WINDOWS SERVER 2008

APPLICATIONS INFRASTRUCTURE CONFIGURATION (Exam #70-643)

1st edition uses a clear and concise presentation of concepts for
configuring a Microsoft Windows Server 2008 Applications
Infrastructure. By using guidance, recommendations and best practices
along with hands-on activities and realistic case scenarios students grasp
the application of knowledge and skills needed to deploy and configure
an organization's infrastructure. The accompanying student lab manual,
available separately, facilitates learning of these complex concepts.

Important Notice: Media content referenced within the product
description or the product text may not be available in the ebook version.

70-697 Configuring Windows Devices - Regan, Patrick 2016-08-08

This is the Lab Manual to accompany 70-697: Configuring Windows
Devices exam. This is a standalone product, access to 70-697:

Configuring Windows Devices exam sold separately. Students pursuing a
Microsoft Certified Solutions Associate (MCSA) for Windows 10 will need
to complete the 70-697: Configuring Windows Devices exam, after
finishing the 70-698. This exam provides key enterprise-level training for
Windows Information Technology professionals. Exam 70-697 is the
second exam required to earn the Windows 10 MCSA credential. Exam
70-697 is recommended as a follow-up to 70-698. This exam validates a
candidate's fundamental knowledge and skills for building solid
identities, protection of content (data loss protection), mobile device
management policy, virtualization with Hyper-V, application
management using the Company Portal and the Windows Store.

Candidates will be evaluated on Windows 10 security and integrated

Azure features. Microsoft Official Academic Course (MOAC) textbooks are designed for instructor-led classroom courses.

Internet Information Services (IIS) 7.0 Resource Kit - Mike Volodarsky 2008-03-05

Get the definitive reference for deploying, managing, and supporting Internet Information Services (IIS) 7.0. This official Microsoft RESOURCE KIT provides comprehensive information and resources from Microsoft IIS Team experts who know the technology best. IIS, a service within the Windows Server 2008 operating system, enables users to easily host and manage Web sites, create Web-based business applications, and extend file, print, media, and communication services to the Web. This RESOURCE KIT provides everything you need to know about IIS architecture, migrating servers and applications, capacity planning, performance monitoring, security features, top administration and troubleshooting scenarios, and IIS best practices. You also get an essential toolkit of resources on CD, including scripts, job aids, and a fully searchable eBook. For customers who purchase an ebook version of this title, instructions for downloading the CD files can be found in the ebook.

Windows Server 2008 Administrator's Pocket Consultant - William Stanek 2009-12-28

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

Exam Ref 70-740 Installation, Storage and Compute with Windows Server 2016 - Craig Zacker 2017-01-17

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

Exam 70-643 Windows Server 2008 Applications Infrastructure Configuration - Microsoft Official Academic Course 2008-07-08

Exam 70-643, Windows Server 2008 Applications Platform 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) 70-643 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.

Windows Server 2008 PKI and Certificate Security - Brian Komar
2008-04-09

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 70-642) - Tony Northrup 2011

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)

Windows Server 2019 & PowerShell All-in-One For Dummies - Sara Perrott 2019-04-11

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

Exam 70-411 Administering Windows Server 2012 - Microsoft Official Academic Course 2013-03-25

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.