

Exam Ref 70 740 Installation Storage And

Prepare for Microsoft Exam MD-100: Windows 10—and help demonstrate your real-world mastery of skills and knowledge required to deploy, configure, secure, manage, and monitor Windows devices and client applications. Designed for Windows administrators, Exam Ref MD-100: Windows 10 focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Associate level. Focus on the expertise measured by these objectives: Deploy Windows Manage devices and data Configure connectivity Maintain Windows This Microsoft Exam Ref MD-100: Windows 10: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have some experience administering Windows 10 and non-Windows devices and technologies About the Exam Exam MD-100: Windows 10 focuses on knowledge needed to deploy Windows; perform post-installation configuration; manage local users, local groups, and devices; configure data access and protection; configure devices with local policies; manage Windows security; configure networking; configure remote connectivity; configure system and data recovery; manage updates; and monitor and manage Windows. About Microsoft Certification Passing this exam and Exam MD-101: Managing Modern Desktops fulfills your requirements for the Microsoft 365 Certified: Modern Desktop Administrator Associate certification credential, demonstrating your ability to install Windows 10 operating systems and deploy and manage modern desktops and devices in an enterprise environment. See full details at: microsoft.com/learn

Ace your preparation for Microsoft® Certification Exam 70-463 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 online practice tests—featuring multiple, customizable testing options.

This bundle contains the following three Exam Refs, direct from Microsoft: Exam Ref 70-740 Installation, Storage, and Compute with Windows Server 2016, 9780735698826 Exam Ref 70-741 Networking with Windows Server 2016, 9780735697423 Exam Ref 70-742 Identity with Windows Server 2016, 9780735698819 These are the three exams necessary to receive MCSA certification in Windows Server 2016. This bundles saves the customer \$20 versus the price of purchasing the three Exam Refs separately.

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

Prepare for Microsoft Exam 70-486—and help demonstrate your real-world mastery of developing ASP.NET MVC-based solutions. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design the application architecture Design the user experience Develop the user experience Troubleshoot and debug web applications Design and implement security This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

Packed with a wealth of hands-on activities, MCSA GUIDE TO IDENTITY WITH WINDOWS SERVER 2016, EXAM 70-742 empowers readers to successfully pass the MCSE/MCSA certification exam while also equipping them to face the real-world challenges of a Microsoft networking professional. This engaging full-color presentation emphasizes the skills necessary to configure identity management with Windows Server 2016. Comprehensive coverage highlights advanced Active Directory configuration and management, Group Policy, Certificate Services, Identity federation, Web Application Proxy and Active Directory Rights Management. Hands-on labs and skill-reinforcing case projects give users plenty of opportunity to apply concepts to real-world practice. 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 of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The Exam Ref is the official study guide for Microsoft certification exams. Featuring concise coverage of the skills measured by the exam, challenging Thought Experiments, and pointers to more in-depth material for the candidate needing additional study, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates determine their readiness for the exam, and provides Exam Tips to help maximize their performance on the exam. The organization of the material mirrors the skills measured by the exam as presented on the certification exam webpage.

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. Access to the appendixes and video lessons is available through product registration at Pearson IT Certification; or see instructions in back pages of your eBook. Learn, prepare, and practice for MCSA 70-740 exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification. Master MCSA 70-740 exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Learn from more than one hour of video lessons MCSA 70-740 Cert Guide is a best-of-breed exam study guide. Leading technology trainer and consultant Anthony Sequeira 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 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 allow you to succeed on the exam the first time. The study guide helps you master all the topics on the MCSA 70-740 exam, including: Windows Server installation in host and compute environments, including Nano Server Storage: configuring disks and volumes, implementing server storage, and data duplication Hyper-V implementation, including VM settings, storage, and networking Windows container deployment and management High availability: HA/DR options, failover clustering, Storage Spaces Direct, VM movement, and network load balancing Server environment maintenance and monitoring Configuring Advanced Windows Server 2012 Services Designed to help enterprise administrators develop real-world, job-role-specific skills—this Training Guide focuses on advanced configuration of services necessary to deploy, manage and maintain a Windows Server 2012 infrastructure. Build hands-on expertise through a series of lessons, exercises, and suggested practices—and help maximize your performance on the job. This Microsoft Training Guide: Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for deploying and managing advanced infrastructure services in Windows Server 2012 Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-412 Sharpen your skills. Increase your expertise. Configure full forest and domain trust relationships Configure Active Directory (AD) sites and manage AD replication Implement advanced DNS and DHCP solutions Install, configure, and manage AD Certificate Services Manage backups and recover servers Optimize storage and configure advanced file services Manage failover clustering and Network Load Balancing Move virtual machines from one Hyper-V server to another Implement Dynamic Access Control and Active Directory RMS Implement Active Directory Federation Services

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

Understanding Backups -- Overview of the Windows Server 2016 Backup Utility -- Setting Up an Active Directory Backup -- Restoring Active Directory -- Active Directory Recycle Bin -- Understanding the ntdsutil Utility -- Wbadmin Command-Line Utility -- Backing Up Virtual Machines -- PowerShell Commands -- Summary -- Video Resources -- Exam Essentials -- Review Questions -- Chapter 9 Understanding Monitoring -- Overview of Windows Server 2016 Performance Monitoring -- Using Windows Server 2016 Performance Tools -- Introducing Performance Monitor -- Using Other Monitoring Tools -- Summary -- Video Resources -- Exam Essentials -- Review Questions -- Appendix Answers to the Review Questions -- Chapter 1: Installing Windows Server 2016 -- Chapter 2: Installing in the Enterprise -- Chapter 3: Configuring Storage and Replication -- Chapter 4: Understanding Hyper-V -- Chapter 5: Configuring High Availability -- Chapter 6: Understanding Clustering -- Chapter 7: Configuring Windows Containers -- Chapter 8: Maintaining Windows Server -- Chapter 9: Understanding Monitoring -- Index -- Advert -- EULA

Prepare for Microsoft Exam 70-346, and demonstrate your real-world mastery of the skills needed to provision, manage, monitor, and troubleshoot Microsoft Office 365 identities and cloud services. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. The new Second Edition reflects all updated exam topics released by Microsoft through mid-2017. It covers the expertise measured by the following objectives: Provision Office 365 Plan and implement networking and security in Office 365 Manage cloud identities Implement and manage identities by using DirSync Implement and manage Federated Identities single sign on Monitor and troubleshoot Office 365 availability and usage Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Feature Thought Experiments to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Explore big picture thinking around the planning and design aspects of the IT pro's job role See full details about Exam 70-346 at: microsoft.com/learning

Ultimate coverage and hands-on practice for the second MCSA Windows Server 2016 exam MCSA Windows Server 2016 Study Guide: Exam 70-741 offers complete preparation for the second exam in the MCSA series. With comprehensive coverage of all exam objectives led by a four-time Microsoft MVP winner, this book is your ideal companion for thorough preparation. Optimize your study time with hundreds of practice questions that pinpoint your weak spots, and try your hand at real-world application with exercises that reflect the MCSA skill set. Access to the Sybex interactive online practice test environment provides electronic flashcards, a glossary, practice exams and more, so you can study anywhere, any time; this invaluable study guide goes beyond mere review to help you enter the exam with full confidence in your abilities. The Microsoft Certified Solutions Associate certification puts your skills in demand—but first you must pass a series of three exams; exam 70-741 is the second step, testing your Windows 2016

networking knowledge and skills. This book covers everything you need to know, giving you the exam-day advantage of comprehensive prep. Master 100 percent of the exam objective domains Learn how these skills are applied in real-world scenarios Solidify your understanding with hands-on exercises Access electronic flashcards, practice exams, and more! How well do you deploy, manage, and maintain a server? Can you expertly configure file and print servers, network access and services, and network policy server infrastructure? Have you configured and managed Active Directory and Group Policy? Don't leave anything to chance—MCSA Windows Server 2016 Study Guide: Exam 70-741 tells you all you need to know to pass with flying colors.

Prepare for Microsoft Exam AZ-204-and help demonstrate your real-world mastery of Microsoft Azure solutions development. Designed for working Azure developers, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Azure Developer Associate level. Focus on the expertise measured by these objectives: Develop for cloud storage Create Platform as a Service (PaaS) Solutions Secure cloud solutions Develop for an Azure cloud model Implement cloud integration solutions Develop Azure Cognitive Services, Bot, and IoT solutions Develop Azure Infrastructure as a Service compute solutions Develop Azure Platform as a Service compute solutions Develop for Azure storage Implement Azure security Monitor, troubleshoot, and optimize solutions Connect to and consume Azure services and third-party services This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you want to show your ability to design and build diverse Microsoft Azure cloud solutions, and successfully participate in all phases of their development About the Exam Exam AZ-204 focuses on knowledge needed to develop Azure compute solutions; develop for Azure storage; implement Azure security; monitor, troubleshoot, and optimize Azure solutions; connect to and consume Azure services and third-party services. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft Certified: Azure Developer Associate credential, demonstrating your readiness to design, build, test, and maintain Microsoft Azure cloud solutions, and partner with other cloud professionals and clients to implement them. This exam is also a prerequisite for the Microsoft Certified: Azure DevOps Engineer Expert credential. See full details at: microsoft.com/learn

Microsoft Exam 70-741 is for IT Pros interested in enhancing their skills for the latest version of Windows Server. This exam validates skills and knowledge for configuring advanced tasks required to deploy, manage, and maintain a Windows Server 2016 infrastructure, such as fault tolerance, certificate services, and identity federation. Passing this exam along with two other exams is required for MCSA and MCSE certifications. The Exam Ref is the official study guide for Microsoft certification exam 70-741. Featuring concise, objective-by-objective reviews and strategic case scenarios and Thought Experiments, exam candidates get professional-level preparation for the exam. The Exam Ref helps candidates maximize their performance on the exam and sharpen their job-role skills. It organizes material by the exam's objective domains Focus is on the skills measured on the exam: • Implement Domain Name System (DNS) • Implement DHCP • Implement IP Address Management (IPAM) • Implement network connectivity and remote access solutions • Implement core and distributed network solutions • Implement an advanced network infrastructure This Microsoft Exam Ref: • Organizes its coverage by the “Skills measured” posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows Server 2016

About the Book: 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 Practice Test: This practice test contains 150 questions and robust explanations. Candidates should be able to install Windows Server in host and compute environments, including Nano Server. Candidates should also be able to implement storage solutions and Windows Containers. Candidates should demonstrate proficiency in implementing Hyper-V and high availability and be able to monitor and manage servers. Certification: This exam counts as credit toward the following certifications: MCSE: SharePoint This test contains 150 questions and covers the following objectives: Install Windows Server in host and compute environments Implement storage solutions Implement Hyper-V Implement Windows containers Implement high availability Maintain and monitor server environments This test includes references to the following media: Microsoft TechNet MSDN Microsoft.com Microsoft Cloud Guides Web resource Office.com ASP.NET Web resource Why Choose the Microsoft Official Practice Test powered by MeasureUp?Quality test content is extremely important to us so that you will be prepared on exam day. We ensure that all objectives of the exam are covered in depth so you'll be ready for any question on the exam. Our practice tests are written by industry experts in the subject matter. They work closely with certification providers to understand the exam objectives, participate in beta testing and take the exam themselves before creating new practice tests. Our quality content and innovative technology have earned the prestigious credential of Microsoft Certified Practice Test Provider. Online performance-based simulations give hands on work environment experience Questions are similar to exam questions so you test your knowledge of exam objectives Detailed explanations for both correct and distractor answers reinforce the material Study Mode covers all objectives ensuring topics are covered Certification Mode (timed) prepares students for exam taking conditions Instant, drill-down score reports tell you exactly the areas to focus on How to obtain the Practice TestThe Official Microsoft Practice

Test offered with this book is fulfilled by MeasureUp.com. With your order, you will receive a product key on your Account Page. Registering the product key at MeasureUp.com will give you access to a downloadable practice test which does not expire as well as 30-day access to the online version. Before accessing your practice test, you will be required to create an account at MeasureUp.com if you don't already have one. The downloadable practice test is licensed by MeasureUp for a single user and can be downloaded on up to three different devices. Downloading practice tests to virtual machines is prohibited.

Prepare for Microsoft Exam 70-779—and help demonstrate your real-world mastery of Microsoft Excel data analysis and visualization. Designed for BI professionals, data analysts, and others who analyze business data with Excel, this 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: Consume and transform data by using Microsoft Excel Model data, from building and optimizing data models through creating performance KPIs, actual and target calculations, and hierarchies Visualize data, including creating and managing PivotTables and PivotCharts, and interacting with PowerBI This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you have a strong understanding of how to use Microsoft Excel to perform data analysis

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft DA-100 Analyzing Data with Microsoft Power BI certification exam. Exam Ref DA-100 Analyzing Data with Microsoft Power BI offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on specific areas of expertise modern IT professionals need to demonstrate real-world mastery of Power BI data analysis and visualization. Coverage includes: Preparing data: acquiring, profiling, cleaning, transforming, and loading data Modeling data: designing and developing data models, creating measures with DAX, and optimizing model performance Visualizing data: creating reports and dashboards, and enriching reports for usability Analyzing data: enhancing reports to expose insights, and performing advanced analysis Deploying and maintaining deliverables: managing datasets; creating and managing workspaces Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all" content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Feature Thought Experiments to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Explore big picture thinking around the planning and design aspects of the IT pro's job role For more information on Exam DA-100 and the Microsoft Certified: Data Analyst Associate credential, visit <https://docs.microsoft.com/en-us/learn/certifications/data-analyst-associate>.

About the Book: Prepare for Microsoft Exam 70-743—and demonstrate that your skills are upgraded for Windows Server 2016. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSA level. Focus on the skills measured on the exam: • Install Windows servers in host and compute environments • Implement storage solutions • Implement Hyper-V • Implement Windows containers • Implement high availability • Implement Domain Name System (DNS) • Implement IP Address Management (IPAM) • Implement network connectivity and remote access solutions • Implement an advanced network infrastructure • Install and configure Active Directory Domain Services (AD DS) • Implement identity federation and access solutions This Microsoft Exam Ref: • Organizes its coverage by the "Skills measured" posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Points to in-depth material by topic for exam candidates needing additional review • Assumes you are an IT pro looking to validate your skills in and knowledge of installing and configuring Windows Server 2016

Prepare for Microsoft Exam 70-339—and help demonstrate your real-world mastery of planning, configuring, and managing Microsoft SharePoint 2016 core technologies in datacenters, in the cloud, and in hybrid environments. Designed for experienced IT pros ready to advance their status, this Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the skills measured on the exam: • Design SharePoint infrastructure • Plan authentication and security • Plan workload optimization • Plan productivity solutions • Manage search capabilities • Plan and configure cloud services • Monitor and optimize a SharePoint environment This Microsoft Exam Ref: • Organizes its coverage by the "Skills measured" posted on the exam webpage • Features strategic, what-if scenarios to challenge you • Provides exam preparation tips • Points to in-depth material by topic for exam candidates needing additional review • Assumes experience planning and maintaining SharePoint and related core technologies, including Windows Server 2012 R2 or later, Internet Information Services (IIS), Microsoft SQL Server 2014 or later, Active Directory, and networking infrastructure services

Manage and administer your environment with ease About This Book Get your hands on learning the fundamentals to managing and administering Windows Server 2016. A step-by-step guide that will help you develop necessary skills and knowledge to manage an enterprise environment. Learn to implement strong networking and security practices into your Windows Server environment. Who This Book Is For If you are a System administrator or an IT professional interested in configuring and deploying Windows Server 2016 then, this book is for you. This book will also help readers clear the MTA: Windows Server Administration Fundamentals: 98-365 exam. What You Will Learn Become familiar with Windows Server OS concepts Learn how to install Windows Server 2016 Learn how to install device drivers and run services in Windows Server 2016 Learn how to add and install roles in Windows Server 2016 Learn how to apply GPO to your Windows Server 2016 environment Learn how to tune, maintain, update, and troubleshoot Windows Server 2016 Prepare for the MTA 98-365 exam In Detail Windows Server 2016 is the server operating system developed by Microsoft as part of the Windows NT family of operating systems, developed concurrently with Windows 10. This book is designed to get you started with Windows Server 2016. It will prepare you for your MTA 98-365 exam. With step-by-step instructions driven by targeted, easy-to-understand graphics, you will be able to understand the roles, features, functions, and quirks of Windows Server 2016. The book begins with the basics of Windows Server 2016, which includes the installation process and basic configuration. You will then move on to roles and features such as Active Directory, Hyper-V, Remote Access, Storage, and Printer. With the help of real-world examples, you will get to grips with the fundamentals of Windows Server 2016, which will help you solve difficult tasks the easy way. Later, the book also shows you maintenance and troubleshooting tasks, where with the help of best practices you will be able to manage Windows Server 2016 with ease. Each chapter ends with a questionnaire to ensure you make the best use of the content provided. By the end of this book, you will have the knowledge required to administer and manage Windows Server environments. Style and approach With step-by-step instructions driven by targeted, easy-to-understand

graphics, this book explains and shows you how to use the roles and features, functions, and quirks of the Windows Server 2016. The chapters are presented in a step by step format accompanied by graphics wherever applicable.

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.

Prepare for Microsoft Exam 70-742—and help demonstrate your real-world mastery of Windows Server 2016 identity features and functionality. 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 Active Directory Domain Services (AD DS) · Manage and maintain AD DS · Create and manage Group Policy · Implement Active Directory Certificate Services (AD CS) · Implement identity federation and access solutions 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, Windows clients, and virtualization; are familiar with core networking technologies, and are aware of basic security best practices

Comprehensive preparation for the final MCSA exam, updated for Windows Server 2016 MCSA Windows Server 2016 Study Guide: Exam 70-742 is the ultimate preparation resource for the third and final MCSA exam. Tightly focused and highly relevant, this guide provides everything you need to go into the exam fully prepared; expert coverage of all exam objectives helps ensure comprehensive understanding, and hundreds of practice questions help you track your progress and prioritize areas most in need of review. Access to online study aids allows you to study on the go, with electronic flashcards, practice tests, and a glossary to help you get the most out of your preparation plan. Hands-on exercises test your practical skills, while real-world scenarios give you a preview of how MCSA skills and concepts are applied in the workplace. Bestselling author and four-time Microsoft MVP, William Panek, covers server deployment, maintenance, and management; file and print server configuration; network services and access; Active Directory; Group Policy; server infrastructure and more, this book is your comprehensive companion for the latest exam. Study 100 percent of Exam 70-742 objectives, updated for Windows Server 2016 Practice your skills with real-world hands-on exercises Review from anywhere with access to online study aids Assess your readiness with challenging practice exams Windows Server 2016 includes enhancements to Hyper-V, Storage Spaces, and Active Directory, along with many brand new and updated features—all of which are reflected in the latest exam. To ensure complete readiness and avoid exam-day surprises, it is critical that your study resources be up-to-date and comprehensive in scope; MCSA Windows Server 2016 Study Guide: Exam 70-742 covers everything you need to know, with a practical approach that promotes true understanding.

Packed with hands-on activities, MCSA GUIDE TO INSTALLATION, STORAGE, AND COMPUTE WITH MICROSOFT WINDOWS SERVER 2016, EXAM 70-740 equips readers to pass the MCSE/MCSA certification exam while preparing users to become a successful Microsoft networking professional. A clear presentation emphasizes the skills to manage a Windows Server 2016 system and focuses on installation, management, and configuration. Extensive coverage of all exam objectives introduces Windows Server 2016 and covers server installation, server configuration and management, storage and file systems, Hyper-V virtualization, high availability, and server maintenance and monitoring. A full chapter highlights new technologies, including Nano Server and Windows Containers. Unlike many certification-focused books, this edition goes beyond the certification objectives to provide an understanding of the core technologies built into Windows Server. Numerous hands-on activities focus on virtualization.

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

Fully updated! Prepare for Microsoft Exam 70-413 - and help demonstrate your real-world mastery designing, and implementing Windows Server infrastructure in an enterprise environment. Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: Plan and deploy a server infrastructure Design and implement network infrastructure services Design and implement network access services Design and implement an Active Directory infrastructure (logical) Design and implement an Active Directory infrastructure (physical) This Microsoft Exam Ref: Is fully updated for Windows Server 2012 R2 Organizes its coverage by objectives for Exam 70-413 Features strategic, what-if scenarios to challenge candidates Designed for IT professionals responsible for designing, implementing, and maintaining a Windows Server 2012 infrastructure in an enterprise-scaled, highly virtualized environment.

The go-to MCSA prep guide, updated for Windows 10 and the new exams MCSA Windows 10 Complete Study Guide is your comprehensive resource for taking both Exams 70-698 and 70-697. Covering 100% of all exam objectives, this study guide goes beyond mere review to delve deeper into the complex topics and technologies to help you strengthen your understanding and sharpen your skills. Written by a veteran Microsoft MVP, this guide walks you through MCSA skills in context to show you how concepts are applied in real-world situations. Hands-on exercises speed the learning process and facilitate internalization, while review questions challenge and test the depth of your understanding. You also get access to the Sybex interactive online learning environment, featuring flashcards, videos, an assessment test, and bonus practice exams to face exam day with confidence. The MCSA certification process has changed; Exam 70-698 tests your skills in installing and configuring Windows 10, and then Exam 70-697 gauges your abilities in configuring Windows devices. This book is your ideal companion to study for both exams. Study 100 percent of the objectives for Exams 70-698 and 70-697 Apply your knowledge with hands-on exercises Test your skills with challenging review questions Access videos, electronic flashcards, a searchable glossary, and bonus practice exams The demand for qualified Windows 10 professionals will be high, as more than half of the corporate user base that skipped Windows 8/8.1 is expected to adopt Windows 10. If you want the skills that are in demand, you need to get certified; if you're ready to get serious about the exam, MCSA: Windows 10 Complete Study Guide is the resource you shouldn't be without.

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.

Prepare for Microsoft Exam MS-900—and help demonstrate your mastery of real-world foundational knowledge about the considerations and benefits of adopting cloud services and the Software as a Service cloud model, as well as specific options and benefits of Microsoft 365 cloud service offerings. Designed for IT professionals, Exam Ref focuses on critical thinking and decision-making acumen needed for success at the Microsoft Certified Fundamentals level. Focus on the expertise measured by these objectives: Understand cloud concepts Understand core Microsoft 365 services and concepts Understand security, compliance, privacy, and trust in Microsoft 365 Understand Microsoft 365 pricing and support This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are a business user, IT professional, or student interested in cloud computing and technologies, including individuals planning to pursue more advanced Microsoft 365 certification. About the Exam Exam MS-900 focuses on knowledge about benefits and considerations of using cloud services; different types of cloud services; core Microsoft 365 components; comparisons between Microsoft 365 and on-premises services; modern management concepts; Office 365 ProPlus; Microsoft 365 collaboration, mobility and analytics; Microsoft 365 security and compliance concepts; unified endpoint management; security usage scenarios and services; the Service Trust portal and Compliance manager; Microsoft 365 licensing options; pricing; support, and service lifecycles. About Microsoft Certification Passing this exam fulfills your requirements for the Microsoft 365 Certified Fundamentals certification credential, proving that you understand Microsoft 365 options, as well as the benefits of adopting cloud services, the Software as a Service (SaaS) cloud model, and Microsoft 365 cloud services in particular. See full details at: microsoft.com/learn

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

Prepare for Microsoft Exam 70-745—and help demonstrate your real-world mastery of skills needed to build and manage software-defined infrastructure with Windows Server 2016 and System Center 2016 Virtual Machine Manager (SC VMM). Designed for experienced IT professionals ready to advance their status, Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the MCSE level. Focus on the expertise measured by these objectives: • Plan and implement System Center Virtual Machine Manager (VMM) core infrastructure • Implement Software-Defined Networking (SDN) • Implement software-defined storage • Implement datacenter compute solutions with Virtual Machine Manager (VMM) • Secure your software-defined datacenter • Monitor and maintain the software-defined datacenter This Microsoft Exam Ref: • Organizes its coverage by exam objectives • Features strategic, what-if scenarios to challenge you • Assumes you have experience with System Center 2012 R2 Virtual Machine Manager and Windows Server 2016 networking, storage, Hyper-V, and Hyper-V Clusters About the Exam Exam 70-745 focuses on skills and knowledge for implementing a software-defined datacenter with Windows Server 2016 and Microsoft System Center 2016 Virtual Machine Manager (SCVMM). About Microsoft Certification Passing this exam earns you credit towards the Microsoft Certified Solutions Expert (MCSE): Cloud Platform and Infrastructure certification, validating that you have skills needed to run a highly efficient and modern data center, with expertise in cloud technologies, identity and systems management, virtualization, storage, and networking. See full details at: microsoft.com/learning

Delve inside Windows architecture and internals - and see how core components work behind the scenes. This classic guide has been fully updated for Windows 8.1 and Windows Server 2012 R2, and now presents its coverage in three volumes: Book 1, User Mode; Book 2, Kernel Mode; Book 3, Device Driver Models. In Book 1, you'll plumb Windows fundamentals, independent of platform - server, desktop, tablet, phone, Xbox. Coverage focuses on high-level functional descriptions of the various Windows components and features that interact with, or are manipulated by, user mode programs, or applications. You'll also examine management mechanisms and operating system components that are implemented in user mode, such as service processes. As always, you get critical insider perspectives on how Windows operates. And through hands-on experiments, you'll experience its internal behavior firsthand - knowledge you can apply to improve application design, debugging, system performance, and support. Planned chapters: Concepts & Tools; System Architecture; Windows Application Support; Windows Store Apps; Graphics & the Desktop; Management Mechanisms; User Mode Memory Management; Security; Storage; Networking; Hyper-V.

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft AZ-500 Microsoft Azure Security Technologies certification exam. Exam Ref AZ-500 Microsoft Azure Security Technologies offers professional-level preparation that helps candidates maximize their exam performance and sharpen their skills on the job. It focuses on specific areas of expertise modern IT professionals need to demonstrate real-world mastery of Azure security. Coverage includes: Managing identity and access Implementing platform protection Managing security operations Securing data and applications Microsoft Exam Ref publications stand apart from third-party study guides because they: Provide guidance from Microsoft, the creator of Microsoft certification exams Target IT professional-level exam candidates with content focused on their needs, not "one-size-fits-all" content Streamline study by organizing material according to the exam's objective domain (OD), covering one functional group and its objectives in each chapter Feature Thought Experiments to guide candidates through a set of "what if?" scenarios, and prepare them more effectively for Pro-level style exam questions Explore big picture thinking around the planning and design aspects of the IT pro's job role For more information on Exam AZ-500 and the Microsoft Certified: Azure Security Engineer Associate credential, visit <https://docs.microsoft.com/en-us/learn/certifications/azure-security-engineer>.

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.

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. Prepare for the newest versions of Microsoft Exam 70-533—and help demonstrate your real-world mastery of implementing Microsoft Azure Infrastructure as a Service (IaaS). 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: Design and implement Azure App Service Apps Create and manage compute resources, and implement containers Design and implement a storage strategy, including storage encryption Implement virtual networks, including new techniques for hybrid connections Design and deploy ARM Templates Manage Azure security and Recovery Services Manage Azure operations, including automation and data analysis Manage identities with Azure AD Connect Health, Azure AD Domain Services, and Azure AD single sign on This Microsoft Exam Ref: Organizes its coverage by exam objectives Features strategic, what-if scenarios to challenge you Assumes you are an IT professional with experience implementing and monitoring cloud and hybrid solutions and/or supporting application lifecycle management This book covers the 533 objectives as of December 2017. If there are updates for this book, you will find them at <https://aka.ms/examref5332E/errata>. About the Exam Exam 70-533 focuses on skills and knowledge for provisioning and managing services in Microsoft Azure, including: implementing infrastructure components such as virtual networks, virtual machines, containers, web and mobile apps, and storage; planning and managing Azure AD, and configuring Azure AD integration with on-premises Active Directory domains. About Microsoft Certification Passing this exam helps qualify you for MCSA: Cloud Platform Microsoft Certified Solutions Associate certification, demonstrating your expertise in applying Microsoft cloud technologies to reduce costs and deliver value. To earn this certification, you must also pass any one of the following exams: 70-532 Developing Microsoft Azure Solutions, or 70-534 Architecting Microsoft Azure Solutions, or 70-535, Architecting Microsoft Azure Solutions, or 70-537: Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack.

Learn how to install, configure, and maintain the latest release of Microsoft's popular SharePoint Server, SharePoint 2016. This latest version brings with it many changes for IT professionals. With this book you will learn how to create an efficient and stable SharePoint environment for your organization. What You'll Learn Install SharePoint Server 2016, both using the user interface provided by Microsoft, and by using PowerShell Understand your authentication options and associated security considerations Deploy add-ins, either from the store, or from your own custom app catalog Configure Search Service Application using either the provided UI or PowerShell Configure business intelligence components such as Excel Services, SQL Server Reporting Services, and PowerPivot Migrate to SharePoint Server 2016 from either SharePoint Server 2010 or 2013 Understand approaches to high availability, disaster recovery, patching, and ways to monitor and maintain your SharePoint 2016 deployment once it's up and running Who This Book Is For Anyone tasked with installing, configuring, and maintaining SharePoint Server 2016 in their organization. This book assumes some working knowledge of a previous release of SharePoint Server, such as SharePoint 2010 or SharePoint 2013

Get prepared for the high-stakes MCSA Windows Server 2016 certification exam Windows Server 2016 is the latest version of Microsoft's Windows server operating system, and the ideal server for Windows 8/8.1 and Windows 10 desktop clients. Windows Server 2016 will include many new and updated features, including enhancements to Hyper-V, Storage Spaces, and Active Directory. MCSA Windows Server 2016 Practice Tests provides 10 unique 85-question chapter tests, covering the ten MCSA Windows Server 2016 objective domains, PLUS three additional 50-question practice exams, for a total of 1000 practice test questions. • Practice tests are a popular way for certification candidates to prepare for taking exams • The practice test questions provide comprehensive coverage of the exam objectives • Covers all three exams: 70-740, 70-741, 70-742 • Written by a five-time Microsoft MVP Winner This book helps you gain the confidence you need and prepares you for taking the three required Exams 70-740, 70-741, and 70-742, or upgrade Exam 70-743. The practice test questions prepare you for test success.

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 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

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