

# Kindle File Format Mcsa Windows Server 2012 R2 Administration Study Guide Exam 70 411

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**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.

### **MCSA Windows Server 2012 Complete Study Guide**-William Panek

2013-07-01 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.

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

William Panek  
2015-01-20 Complete exam coverage, hands-on practice, and interactive study tools for the MCSA: Administering Windows Server 2012 R2 exam 70-411 MCSA: Windows Server 2012 R2 Administration Study Guide: Exam 70-411 provides comprehensive preparation for exam 70-411: Administering Windows Server 2012 R2. With full coverage of all exam domains, this guide contains everything you need to know to be fully prepared on test day. Real-world scenarios illustrate the practical applications of the lessons, and hands-on exercises allow you to test yourself against everyday tasks. You get access to an interactive practice test environment that helps you avoid surprises on exam day, plus electronic flashcards and video demonstrations showing how to perform some of the more difficult tasks. Exam 70-411 is one of three exams

you must pass to become a Microsoft Certified Solutions Associate (MCSA) on Windows Server 2012 R2 and a clear path to increasing your value and marketability in the workplace. The exam reflects the 2012 update to the OS, including the new enhancements to Hyper-V, Storage Spaces, and Active Directory. This guide gives you the information and practice you need to master all aspects of Windows Server 2012 R2 for test. Learn how to: Deploy, manage, and maintain servers Configure file and print servers, network services, and more Manage and configure Active Directory and Group Policy Review real-world scenarios, video, and interactive study aids If you're looking to master Windows server administration before the exam, MCSA: Windows Server 2012 R2 Administration Study Guide is a complete and comprehensive prep tool to give you the confidence you need to succeed.

## **MCSA Windows Server 2012 R2 Installation and**

**Configuration Study Guide-**  
William Panek 2015-03-02  
Master Windows Server installation and configuration withhands-on practice and interactive study aids for the MCSA: WindowsServer 2012 R2 exam 70-410 MCSA: Windows Server 2012 R2 Installation and ConfigurationStudy Guide: Exam 70-410 provides complete preparationfor exam 70-410: Installing and Configuring Windows Server 2012 R2.With comprehensive coverage of all exam topics and plenty ofhands-on practice, this self-paced guide is the ideal resource forthose preparing for the MCSA on Windows Server 2012 R2. Real-worldscenarios demonstrate how the lessons are applied in everydaysettings. Readers also get access to the interactive practicetests, electronic flashcards, and video demonstration of the more difficult tasks, which help readers fully understand the scope ofprinciples at work. Exam 70-410 is one of three exams MCSA candidates must take toobtain their MCSA: Windows Server 2012 R2. The test is aligned withthe

2012 update to the Windows server operating system, and so is the book. This study guide contains everything users need to know for the exam, including the 2012 update's changes to Hyper-V and Active Directory. Avoid surprises on exam day, and master the material while learning to: Install and configure Windows Server 2012 R2 Configure Hyper-V and server roles and features Install and administer Active Directory Manage Group Policy Exam prep is about more than passing the test—it helps you gain hands-on experience performing more complex operations, giving you the confidence you need to successfully apply what you've learned in a work environment. If you're looking to triumph over the MCSA exam 70-410, MCSA: Windows Server 2012 R2 Installation and Configuration Study Guide: Exam 70-410 provides the information and practice you need.

**MCSA Windows Server 2016 Complete Study Guide**-William Panek

2018-03-27 NOTE: As the response to the coronavirus (COVID-19) continues to evolve rapidly around the world, Microsoft has announced that it's extending the retirement date of the current MCSA Windows Server 2016 certification until January 31, 2021. Pearson VUE has temporarily closed many of its testing centers worldwide in response to global government regulations to battle the spread of COVID-19. As an alternative to taking your exam at a testing center, online proctoring is available, which allows you to take your certification exam in the comfort of your own home or office. Instead of taking the required exams at a Pearson VUE testing center near you, Pearson VUE will be offering only online proctored exams for the foreseeable future. This means you will have more time to prepare for the current exams: 70-740: Installation, Storage, and Compute with Windows Server 2016 70-741: Networking with Windows Server 2016 70-742: Identity with Windows Server 2016 To help you prepare for the

exams, our Study Guides are available for purchase. 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.

### **Exam 70-412 Configuring Advanced Windows Server 2012 Services**

Microsoft Official Academic Course 2013-06-04 This is the Lab Manual to accompany Exam 70-412 Configuring Advanced Windows Server 2012 Services. This 70-412 Configuring Advanced Windows Server 2012 Services textbook covers the third of three exams required for Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 certification. This course will help validate the skills and knowledge necessary to administer a Windows Server 2012 Infrastructure in an enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing,

maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. This Microsoft Official Academic Course is mapped to the 70-412 Configuring Advanced Windows Server 2012 Services exam objectives. This textbook focuses on real skills for real jobs and prepares students to prove mastery of Advanced Windows Server 2012 Services such as advanced configuring tasks necessary to deploy, manage, and maintain a Windows Server 2012 infrastructure. It covers such skills as fault tolerance, certificate services, and identity federation. In addition, this book also covers such valuable skills as:

- Implementing Advanced Network Services
- Implementing Advanced File Services
- Implementing Dynamic Access Control
- Implementing Network Load Balancing
- Implementing Failover Clustering
- Implementing Disaster Recovery
- Implementing Active Directory Certificate Services (ADCS)
- Implementing Active Directory Federation Services (ADFS)

The MOAC IT

Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy. Request your sample materials today.

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

Thomas 2014-05-06 Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on configuration of advanced

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

**Exam Ref 70-417-J.C.**  
Mackin 2012-11-15 Prepare for Exam 70-417—and help



demonstrate your real-world mastery of Windows Server 2012 core infrastructure services. Microsoft Exam 70-417 is an upgrade exam that is a composite of three standalone exams: 70-410, 70-411, and 70-412. Exam 70-417 validates skills related to the core technology features and functionality of Windows Server 2012, from the existing knowledge base of a Microsoft Certified Systems Administrator (MCSA) on Windows Server 2008. Exam Ref is organized by exam objectives and features challenging, what-if scenarios that focus on the critical skills and knowledge measured by the certification exam. When you pass Exam 70-417, you complete the requirements for the MCSA: Windows Server 2012 certification. It also counts as credit toward MCSE: Server Infrastructure and MCSE: Desktop Infrastructure (additional exams required). Objectives include: EXAM 70-410: Installing and Configuring Windows Server 2012 Install and Configure Servers Configure Server Roles and Features Configure Hyper-V Install and

Administer Active Directory EXAM 70-411: Administering Windows Server 2012 Deploy, Manage, and Maintain Servers Configure Network Services and Access Configure a Network Policy Server Infrastructure Configure and Manage Active Directory Configure and Manage Group Policy EXAM 70-412: Configuring Advanced Windows Server 2012 Services Configure and Manage High Availability Configure File and Storage Solutions Implement Business Continuity and Disaster Recovery Configure Network Services Configure Identity and Access Solutions

**Exam Ref 70-411**  
**Administering Windows Server 2012 R2 (MCSA)-**  
Charlie Russel 2014-06-18  
Prepare for Microsoft Exam 70-411 - and help demonstrate your real-world mastery of administering 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: Deploy, manage, and maintain servers  
Configure file and print services  
Configure network services and access  
Configure a Network Policy Server (NPS) infrastructure  
Configure Active Directory  
Configure and manage Group Policy  
This Microsoft Exam Ref: Organizes its coverage by objectives. Features strategic, what-if scenarios to challenge candidates. Assumes you have experience administering Windows Server 2012 R2 core infrastructure.

### **MCSA Windows Server 2012 R2 Configuring Advanced Services Study Guide**

William Panek  
2015-03-02 The bestselling MCSA study guide, with expert instruction and hands-on practice  
MCSA Windows Server 2012 R2 Configuring Advanced Services Study Guide provides focused preparation for exam 70-412 and is fully updated to align with the latest Windows Server 2012 R2 objectives.

This comprehensive guide covers 100 percent of all exam objective domains, and includes hundreds of practice questions and answers. You get access to video demonstrations, electronic flashcards, and practice exams, and hands-on exercises based on real-world scenarios allow you to apply your skills to everyday tasks. Organized by objective, each chapter includes review questions and a list of Exam Essentials that help you judge your level of preparedness every step of the way. Exam 70-412: Configuring Advanced Windows Server 2012 Services is the third and final exam in the MCSA certification series, and was recently updated to cover Server R2. Additions include enhancements to Hyper-V, Storage Spaces, and Active Directory, so it's crucial that your study guide be up to date as well. This book covers the entire exam, including the new information, with expert instruction and easy-to-follow explanation that helps you to: Configure network services, high availability, information protection, and more  
Implement business

continuity and disaster recovery solutions Get hands-on practice in real-world scenarios Pass this one last exam and you become a Microsoft Certified Solutions Associate - someone with trusted, demonstrated expertise in the server software with over 83 percent market share. Businesses rely on Windows Server, and the people who understand them are in demand. Thorough preparation is the key to exam success, and MCSA Windows Server 2012 R2 Configuring Advanced Services Study Guide provides all the information you need to know.

### **70-412 Configuring Advanced Windows Server 2012 Services R2 Lab**

**Manual**-Patrick Regan  
2015-03-30 This is the print lab manual adjacent to the 70-412 Configuring Advanced Windows Server 2012 R2 Services textbook. 70-412 Configuring Advanced Windows Server 2012 R2 Services covers the third of three exams required for Microsoft Certified Solutions Associate (MCSA): Windows

Server 2012 certification. This course will help validate the skills and knowledge necessary to administer a Windows Server 2012 Infrastructure in an enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. This Microsoft Official Academic Course is mapped to the 70-412 Configuring Advanced Windows Server 2012 Services exam skills, including the recent R2 objectives. This textbook focuses on real skills for real jobs and prepares students to prove mastery of Advanced Windows Server 2012 Services such as advanced configuring tasks necessary to deploy, manage, and maintain a Windows Server 2012 infrastructure. It covers such skills as fault tolerance, certificate services, and identity federation. In addition, this book also covers such valuable skills as:

- Implementing Advanced Network Services •

Implementing Advanced File Services • Implementing Dynamic Access Control • Implementing Network Load Balancing • Implementing Failover Clustering • Implementing Disaster Recovery • Implementing Active Directory Certificate Services (AD CS) • Implementing Active Directory Federation Services (AD FS) The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy. Request your sample materials today.

## **Training Guide**

### **Administering Windows Server 2012 R2 (MCSA)-**

Orin Thomas 2014-05-12 Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on core infrastructure administration for Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide: Focuses on job-role-specific expertise for core infrastructure administration tasks Fully updated for Windows Server 2012 R2, including new practices Provides in-depth, hands-on training you take at your own pace Creates a foundation of skills which, along with on-the-job experience, can be measured by Microsoft Certification exams such as 70-411 Topics include:  
Deploying and updating Windows Server 2012 R2  
Managing account policies and service accounts  
Configuring name resolution

Administering Active Directory Managing Group Policy application and infrastructure Configuring Group Policy settings and preferences Administering network policies Administering remote access Managing file services Monitoring and auditing Windows Server 2012 R2

**MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410**-Greg Tomsho 2014-06-18 MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410 helps readers thoroughly prepare for the MCSE/MCSA certification exam-as well as the real-world challenges of a Microsoft networking professional. Extensive coverage of all exam objectives begins with an introduction to Windows Server 2012/R2 and continues with coverage of server management, configuration of storage, file and printer services, Active Directory , account management, Group Policy, TCP/IP, DNS, DHCP and

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

**MCSA Guide to Configuring Advanced Microsoft Windows Server 2012 /R2 Services, Exam 70-412**-Greg Tomsho

2015-02-09 Offering a wealth of hands-on activities, MCSA Guide to Configuring Advanced Microsoft Windows Server 2012 /R2 Services, Exam 70-412 empowers students to successfully pass the MCSE/MCSA certification exam while preparing them to face the real-world challenges of a Microsoft networking professional. This engaging text equips readers with the skills necessary to configure advanced services and features in Windows Server 2012/R2. Comprehensive coverage includes advanced Active Directory configuration, advanced network services configuration, Dynamic Access Control (DAC) and IP Address Management (IPAM),

server high availability and disaster recovery, and identity and access solutions, among other topics In addition, hands-on labs and skill-reinforcing case projects give students plenty of opportunity to put what they learn into real-world practice. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## **MCSA Windows Server**

**2012**-Ian McLean 2014-02-22

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

## **Exam Ref 70-417**

**Upgrading from Windows Server 2008 to Windows Server 2012 R2 (MCSA)**-J.C.

Mackin 2014-05-09 Fully updated for Windows Server 2012 R2! Prepare for Microsoft Exam 70-417 - and help demonstrate your real-world mastery of Windows Server 2012 R2 core infrastructure services. Exam 70-417 is an upgrade exam that is a composite of three standalone exams: 70-410, 70-411, and 70-412. Exam 70-417 validates skills related to core features and functionality of Windows Server 2012 R2, from the existing knowledge base of a Microsoft Certified Systems Administrator for Windows Server 2008. Focus on the expertise measured by these objectives: EXAM 70-410 Install and configure servers Configure server roles and features Configure Hyper-V Deploy and configure core network services Install and administer Active Directory EXAM 70-411 Deploy, manage, and maintain servers Configure network services and access Configure a network policy server infrastructure Configure and manage Active Directory Configure and manage Group Policy EXAM 70-412 Configure and manage high

availability Configure file and storage solutions Implement business continuity and disaster recovery Configure network services Configure identity and access solutions This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

### **70-411 Administering Windows Server 2012 R2-**

Patrick Regan 2014-06-03 This 70-411 Administering Windows Server 2012 R2 textbook covers the second of three exams required for Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 certification. This course validates the skills and knowledge necessary to administer a Windows Server 2012 Infrastructure in an enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment. This Microsoft Official Academic Course is mapped to the 70-411

Administering Windows Server 2012 exam skills, including the recent R2 objectives. This textbook focuses on real skills for real jobs and prepares students to prove mastery of core services such as user and group management, network access, and data security. In addition, this book also covers such valuable skills as:

Implementing a Group Policy Infrastructure Managing User and Service Accounts  
Maintaining Active Directory Domain Services Configuring and Troubleshooting DNS Configuring and Troubleshooting Remote Access Installing, Configuring, and Troubleshooting the Network Policy Server Role Optimizing File Services Increasing File System Security  
Implementing Update Management  
The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by

delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

**Training Guide**-Mitch Tulloch 2014 Fully updated for Windows Server 2012 R2! Designed to help enterprise administrators develop real-world, job-role-specific skills - this Training Guide focuses on deploying and managing core infrastructure services in Windows Server 2012 R2. Build hands-on expertise through a series of lessons, exercises, and suggested practices - and help maximize your performance on the job. This Microsoft Training Guide: Provides in-depth, hands-on training you take at your own pace Focuses on job-role-specific expertise for deploying and managing core infrastructure services Creates a foundation of skills which, along with on-the-job



experience, can be measured by Microsoft Certification exams such as 70-410 Topics include: Preparing for Windows Server 2012 R2 Deploying servers Server remote management New Windows PowerShell capabilities Deploying domain controllers Active Directory administration Network administration Advanced networking capabilities

### **MCSA Windows Server 2016 Study Guide: Exam**

**70-740**-William Panek  
2017-06-06 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 ntdsutl 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

**MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410**-Greg Tomsho  
2014-06-27 MCSA Guide to Installing and Configuring Microsoft Windows Server 2012 /R2, Exam 70-410helps readers thoroughly prepare for the MCSE/MCSA certification exam-as well as the real-world challenges of a

Microsoft networking professional. Extensive coverage of all exam objectives begins with an introduction to Windows Server 2012/R2 and continues with coverage of server management, configuration of storage, file and printer services, Active Directory, account management, Group Policy, TCP/IP, DNS, DHCP and Hyper-V virtualization. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**MCSA Guide to Administering Microsoft Windows Server 2012/R2, Exam 70-411**-Greg Tomsho 2014-08-01 Offering a wealth of hands-on activities, MCSA Guide to Administering Microsoft Windows Server 2012/R2, Exam 70-411 empowers students to successfully pass the MCSE/MCSA certification exam while preparing them to face the real-world challenges of a Microsoft networking professional. This engaging, four-color text equips readers

with the skills necessary to manage a Windows Server 2012 system with a focus on administration.

Comprehensive coverage includes server deployment and maintenance, advanced file services, remote access, network access protection, Group Policy, Active Directory, DNS and much more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**70-411 Administering Windows Server 2012 R2 Lab Manual**-Patrick E. Regan 2014-06-23 This is the print lab manual adjacent to the 70-411 Administering Windows Server 2012 R2 textbook. 70-411 Administering Windows Server 2012 R2 covers the second of three exams required for Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 certification. This course validates the skills and knowledge necessary to administer a Windows Server 2012 Infrastructure in an

enterprise environment. The three MCSA exams collectively validate the skills and knowledge necessary for implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment. This Microsoft Official Academic Course is mapped to the 70-411

Administering Windows Server 2012 exam skills, including the recent R2 objectives. This textbook/lab manual focuses on real skills for real jobs and prepares students to prove mastery of core services such as user and group management, network access, and data security. In addition, this book also covers such valuable skills as:

Implementing a Group Policy Infrastructure Managing User and Service Accounts

Maintaining Active Directory Domain Services Configuring and Troubleshooting DNS

Configuring and Troubleshooting Remote Access Installing, Configuring, and

Troubleshooting the Network Policy Server Role Optimizing File Services Increasing File System Security

Implementing Update Management The MOAC IT Professional series is the Official from Microsoft, turn-key Workforce training program that leads to professional certification and was authored for college instructors and college students. MOAC gets instructors ready to teach and students ready for work by delivering essential resources in 5 key areas: Instructor readiness, student software, student assessment, instruction resources, and learning validation. With the Microsoft Official Academic course program, you are getting instructional support from Microsoft; materials that are accurate and make course delivery easy.

**MCSA Windows Server 2012 Exam 70-410, 70-411 and 70-412 Exam FOCUS**

**Study Notes and Review Questions 2014 Edition-**

Exam review 2013-12-04 \* we updated this book in Feb 2015

\* According to MS, a server administrator is responsible for the operations and

management of an infrastructure of Windows Server 2012 servers in an enterprise environment. Exam 410 covers: - Installing and Configuring Windows Server 2012 - Introduction to Active Directory Domain Services - Managing Active Directory Domain Services Objects - Automating Active Directory Domain Services Administration - Implementing Networking Services - Implementing Local Storage - Implementing File and Print Services - Implementing Group Policy - Implementing Server Virtualization with Hyper-V Exam 70-411 covers: - Implementing a Group Policy Infrastructure - Managing User and Service Accounts - Maintaining Active Directory Domain Services - Configure and Troubleshoot DNS - Configure and Troubleshoot Remote Access - Installing, Configuring, and Troubleshooting the Network Policy Server role - Optimizing File Services - Increasing File System Security - Implementing Update Management Exam 412 has coverage on: - Implementing Advanced

Network Services - Implementing Advanced File Services - Implementing Dynamic Access Control - Implementing Network Load Balancing - Implementing Failover Clustering - Implementing Disaster Recovery - Implementing AD CS - Implementing AD FS To succeed in the exams, you need to read as many reference books as possible. This book is NOT intended to guide you through every single official topic. You should therefore use this book together with other reference books for the best possible preparation outcome.

### **Exam Ref 70-417-J. C.**

Mackin 2014 Exam 70-417 is an upgrade exam that is a composite of three standalone exams: 70-410, 70-411, and 70-412. Exam 70-417 validates skills related to core features and functionality of Windows Server 2012 R2, from the existing knowledge base of a Microsoft Certified Systems Administrator for Windows Server 2008. Mackin helps you prepare for the exam by focusing on the core technical skills.

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

William Panek  
2015-01-20 Complete exam coverage, hands-on practice, and interactive study tools for the MCSA: Administering Windows Server 2012 R2 exam 70-411 MCSA: Windows Server 2012 R2

Administration Study Guide: Exam 70-411 provides comprehensive preparation for exam 70-411: Administering Windows Server 2012 R2. With full coverage of all exam domains, this guide contains everything you need to know to be fully prepared on test day. Real-world scenarios illustrate the practical applications of the lessons, and hands-on exercises allow you to test yourself against everyday tasks. You get access to an interactive practice test environment that helps you avoid surprises on exam day, plus electronic flashcards and video demonstrations showing how to perform some of the more difficult tasks. Exam 70-411 is one of three exams you must pass to become a

Microsoft Certified Solutions Associate (MCSA) on Windows Server 2012 R2 and a clear path to increasing your value and marketability in the workplace. The exam reflects the 2012 update to the OS, including the new enhancements to Hyper-V, Storage Spaces, and Active Directory. This guide gives you the information and practice you need to master all aspects of Windows Server 2012 R2 for test. Learn how to: Deploy, manage, and maintain servers Configure file and print servers, network services, and more Manage and configure Active Directory and Group Policy Review real-world scenarios, video, and interactive study aids If you're looking to master Windows server administration before the exam, MCSA: Windows Server 2012 R2 Administration Study Guide is a complete and comprehensive prep tool to give you the confidence you need to succeed.

**Exam 70-413 Designing and Implementing a Server Infrastructure**-Microsoft

Official Academic Course  
2014-10-27 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.

**Training Guide Installing  
and Configuring Windows  
Server 2012 R2 (MCSA)-**  
Mitch Tulloch 2014-05-08  
Fully updated for Windows  
Server 2012 R2! Designed to  
help enterprise administrators  
develop real-world, job-role-  
specific skills - this Training  
Guide focuses on deploying  
and managing core  
infrastructure services in  
Windows Server 2012 R2.  
Build hands-on expertise  
through a series of lessons,  
exercises, and suggested  
practices - and help maximize  
your performance on the job.  
This Microsoft Training  
Guide: Provides in-depth,  
hands-on training you take at  
your own pace Focuses on  
job-role-specific expertise for  
deploying and managing core  
infrastructure services  
Creates a foundation of skills  
which, along with on-the-job  
experience, can be measured  
by Microsoft Certification  
exams such as 70-410 Topics  
include: Preparing for  
Windows Server 2012 R2  
Deploying servers Server  
remote management New  
Windows PowerShell  
capabilities Deploying domain  
controllers Active Directory

administration Network  
administration Advanced  
networking capabilities

**Exam Ref 70-412**  
**Configuring Advanced**  
**Windows Server 2012 R2**  
**Services (MCSA)**-J.C. Mackin

2014-03-15 Fully updated for  
Windows Server 2012 R2!  
Prepare for Microsoft Exam  
70-412—and help  
demonstrate your real-world  
mastery of advanced  
configuration tasks for  
Windows Server  
infrastructure. Designed for  
experienced IT professionals  
ready to advance their status,  
Exam Ref focuses on the  
critical-thinking and decision-  
making acumen needed for  
success at the MCSA or  
MCSE level. Focus on the  
expertise measured by these  
objectives: Configure and  
manage high availability  
Configure file and storage  
solutions Implement business  
continuity and disaster  
recovery Configure network  
services Configure the Active  
Directory infrastructure  
Configure access and  
information protection  
solutions This Microsoft Exam

Ref: Organizes its coverage by  
objectives for Exam 70-412.  
Features strategic, what-if  
scenarios to challenge  
candidates. Designed for IT  
professionals who have real-  
world experience configuring  
Windows Server 2012 R2  
services in an enterprise  
environment. Note: Exam  
70-412 counts as credit  
toward MCSA and MCSE  
certifications

**Exam Ref 70-411**-Charlie  
Russel 2014 Fully updated for  
Windows Server 2012 R2!  
Prepare for Microsoft Exam  
70-411 - and help  
demonstrate your real-world  
mastery of administering  
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 MCSA or  
MCSE level. Focus on the  
expertise measured by these  
objectives: Deploy, manage,  
and maintain servers  
Configure file and print  
services Configure network  
services and access Configure

a Network Policy Server infrastructure Configure and manage Active Directory Configure and manage Group Policy This Microsoft Exam Ref: Organizes its coverage by objectives for Exam 70-411. Features strategic, what-if scenarios to challenge candidates. Designed for IT professionals who have real-world experience administering a Windows Server 2012 R2 infrastructure in an enterprise environment. Note: Exam 70-411 counts as credit toward MCSA and MCSE certifications

**Exam Ref 70-410-Craig Zacker** 2014 Annotation 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.

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

**R2-Don Poulton** 2014-08-30

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



guide. Best-selling authors and expert instructors Don Poulton and David Camardella share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The

study guide helps you master all the topics on the MCSA 70-410 exam, including the following: Installing and configuring Windows Server 2012 Configuring Windows Server 2012 R2 local storage Configuring access to files and shares Configuring and monitoring print and document services Configuring remote management of servers Configuring Hyper-V server virtualization Creating and configuring virtual machine storage and virtual networks Configuring IPv4 and IPv6 addressing Configuring Dynamic Host Configuration Protocol (DHCP) Deploying and configuring Dynamic Host Configuration Protocol (DHCP) Deploying and configuring Domain Name System (DNS) Installing Active Directory domain controllers Creating and managing Active Directory user and computer accounts Creating and managing Active Directory Groups and Organizational Units (OUs) Creating and applying Group Policy Objects Configuring security policies, application restrictions, and Windows Firewall Don Poulton (A+,

Network+, Security+, MCSA, MCSE) is an independent consultant who has worked with computers since the days of 80-column punch cards. He has consulted extensively with training providers, preparing study materials for Windows technologies. He has written or contributed to several Que titles, including Security+ Lab Manual; MCSA/MCSE 70-299 Exam Cram 2; MCTS 70-620 Exam Prep; and MCSA 70-687 Cert Guide: Configuring Microsoft Windows 8.1. David Camardella, an expert on deploying and administering Microsoft technologies, has served as technical reviewer on several previous Pearson Microsoft certification titles.

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

Tom Carpenter 2011-08-30  
Covers the concepts and fundamentals of Microsoft Windows server with information on such topics as active directory, group policy, installation, storage, and remote access.

### **Implementing an Advanced**

### **Server Infrastructure-**

Janique Carbone 2014-02-14  
Designed to help enterprise administrators develop real-world, job-role-specific skills—this Training Guide focuses on deploying and managing core infrastructure based on Windows Server 2012. Build hands-on expertise through a series of lessons, exercises, and suggested practices—and help maximize your performance on the job. This Microsoft® Training Guide: Provides in-depth, hands-on training you take at your own pace  
Focuses on job-role-specific expertise for core infrastructure based on Windows Server 2012  
Features pragmatic lessons, exercises, and practices  
Creates a foundation of skills which, along with real-world experience, can be measured by Microsoft Certification exams such as MCSE Exam 70-414

**McSa/MCSE Configuring Advanced Windows Server 2012 R2 Services (70-412-R2) Ucertify Course and Lab-Ucertify** 2016-05-27

MCSA/MCSE 70-412-R2 Web-based learning and exam preparation MCSA/MCSE Configuring Advanced Windows Server 2012 Services R2 uCertify Course and Labs is an easy-to-use online course that allows you to assess your readiness and teaches you what you need to know to pass the Microsoft 70-412 exam. Master all of the Microsoft 70-412 exam objectives in the framework of MCSA/MCSE interactive eBook. The interactive eBook includes informative text, tables, step-by-step lists, images, interactive exercises, glossary flash cards, and review activities. The course comes complete with extensive pre- and post-assessment tests. In total there are over 450 practice questions. The award-winning uCertify Labs help bridge the gap between conceptual knowledge and real-world application by providing competency-based, interactive, online, 24x7 training. uCertify Labs simulate real-world hardware, software applications, operating systems, and command-line interfaces. The 75+ labs are supplemented

with videos demonstrating lab solutions. Students can feel safe working in this virtual environment resolving real-world operating system and hardware problems. All of the content—the complete eBook, the practice questions, the exercises, and the labs—is focused around the official Microsoft exam objectives.

### **Exam Ref 70-743 Upgrading Your Skills to**

**MCSA—Charles Pluta**  
2016-12-27 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

**Windows Server 2012 Unleashed**-Rand Morimoto 2012-09-10 This is the most comprehensive and realistic guide to Windows Server 2012 planning, design, prototyping, implementation, migration, administration, and support. Extensively updated, it contains unsurpassed independent and objective

coverage of Windows Server 2012’s key innovations, including improved virtualization components, enhanced security tools, new web and management resources, and Windows 8 integration. Windows Server 2012 Unleashed reflects the authors’ extraordinary experience implementing Windows Server 2012 in large-scale environments since its earliest alpha releases, reaching back more than two years prior to its official launch. Microsoft MVP Rand Morimoto and his colleagues fully address every aspect of deploying and operating Windows Server 2012, including Active Directory, networking and core application services, security, migration from Windows Server 2003/2008, administration, fault tolerance, optimization, troubleshooting, and much more. Valuable for Windows professionals at all skill levels, this book will be especially indispensable 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 information for using Windows Server 2012 to solve real business problems. Plan and migrate from Windows Server 2003 and 2008 Leverage powerful capabilities that are truly new in Windows Server 2012 Install Windows Server 2012 and the GUI-less Windows Server Core Upgrade to Windows Server 2012 Active Directory Utilize advanced AD capabilities including federated forests and identity management Plan and deploy network services, from DNS and DHCP to IPv6, IPAM, and IIS Protect systems and data with server-level security, transport-level security, and security policies Deliver true end-to-end secured anytime/anywhere access to remote/mobile clients Efficiently configure and manage users, sites, OUs, domains, and forests through Server Manager console Create more fault-tolerant environments with DFS, clustering, and Network Load Balancing Leverage major Hyper-V virtualization improvements in availability, redundancy, and guest

support Manage Active Directory more efficiently with Active Directory Administrative Center, Best Practice Analyzer, and PowerShell scripts Systematically tune, optimize, debug, and troubleshoot Windows Server 2012

### **Windows Server 2012 - Installing, Configuring and Maintaining-**

Blerton Abazi  
2017-01-10 Through this book you will gain the skills and knowledge needed to implement a core Windows Server 2012, including Windows Server 2012 R2 infrastructure in an existing enterprise environment. You will learn how to implement and configure the core services, including Active Directory Domain Services (AD DS), networking services, and initial Hyper-V configuration. This course incorporates material from the Official Microsoft Learning Product 20410 and it can assist you in your preparation for Exam 70-410: Installing and Configuring Windows Server 2012. Exam 70-410 is one of three exams

needed for the MCSA: Windows Server 2012 certification. What You'll Learn? Deploy and Manage Windows Server 2012 Active Directory Domain Services (AD DS) Administration Implement a Dynamic Host Configuration Protocol (DHCP) Implement Domain Name System (DNS) Implement IPv6 for simple scenarios Configure local storage on a server Implement file and print services Implement Group Policy Implement server virtualization using Hyper-V Who Needs To Attend IT professionals with Windows operating system knowledge and experience, looking to acquire the skills and knowledge necessary to implement the core infrastructure services in an existing Windows Server 2012 or Windows Server 2012 R2 environment.

**Mastering Windows Server 2012 R2**—Mark Minasi  
2013-12-03 Check out the new Hyper-V, find new and easier ways to remotely connect back into the office, or learn all about Storage

Spaces—these are just a few of the features in Windows Server 2012 R2 that are explained in this updated edition from Windows authority Mark Minasi and a team of Windows Server experts led by Kevin Greene. This book gets you up to speed on all of the new features and functions of Windows Server, and includes real-world scenarios to put them in perspective. If you're a system administrator upgrading to, migrating to, or managing Windows Server 2012 R2, find what you need to do the job in this complete resource. Learn all about: Installing or upgrading to and managing Windows Server 2012 R2 Understanding Microsoft NIC teams 2012 and PowerShell Setting up via GUI or updated Server Core 2012 Migrating, merging, and modifying your Active Directory Managing address spaces with IPAM Understanding new shared storage, storage spaces, and better tools Controlling access to file shares—a new and improved approach Using and administering Remote Desktop, Virtual Desktop, and Hyper-V®

## **Administering Windows**

**Server 2012**-Orin Thomas  
2013 A guide to Windows  
Server 2012 covers such  
topics as managing account  
policies, administering active  
directories, fixing settings and  
preferences, configuring  
networks, and monitoring the  
program.

## **Overview of windows server**

**2012 r2**-K.shukla 2018-07-27  
overview of windows server is  
the beginning part of mcsa  
exam 40-710. This book  
covers complete topics related  
to windows server 2012 r2  
introduction and technical  
difference between older  
version of windows server.