

Ccna Accessing The Wan Chapter 2 Answers

Cisco Press has the only study guides approved by Cisco for the new CCNA certification. The new edition of the best-selling two-book, value-priced CCNA 200-301 Official Cert Guide Library includes updated content, new online practice exercises, and more than two hours of video training—PLUS the CCNA Network Simulator Lite Editions with 34 free Network Simulator labs (available on the companion web site). Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. This book covers all exam topics on the CCNA 200-301 exam.

- Master Cisco CCNA 200-301 exam topics
- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks

This is the eBook edition of the CCNA 200-301 Official Cert Guide Library. This eBook does not include access to the Pearson Test Prep practice exams that comes with the print edition. CCNA 200-301 Official Cert Guide Library is a comprehensive review and practice package for the latest CCNA exam and is the only self-study resource approved by Cisco. The two books contained in this package, CCNA 200-301 Official Cert Guide, Volume 1 and CCNA 200-301 Official Cert Guide, Volume 2, present complete reviews and a more challenging and realistic preparation experience. The books have been fully updated to refresh the content for the latest CCNA exam topics and to enhance certain key topics that are critical for exam success. Best-selling author Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes

- A test-preparation routine proven to help you pass the exams
- Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section
- Chapter-ending Key Topic tables, which help you drill on key concepts you must know thoroughly
- A free copy of the CCNA 200-301 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches
- Links to a series of hands-on config labs developed by the author
- Online, interactive practice exercises that help you enhance your knowledge
- More than 2 hours of video mentoring from the author
- An online, interactive Flash Cards application to help you drill on Key Terms by chapter
- A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies
- Study plan suggestions and templates to help you organize and optimize your study time

Well regarded for its level of detail, study plans, assessment features, hands-on labs, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. These official study guides help you master all the topics on the CCNA exams, including

- Networking fundamentals
- Implementing Ethernet LANs
- Implementing VLANs and STP
- IPv4 addressing and subnetting
- IPv4 routing
- Implementing OSPF
- IPv6 addressing, subnetting, and routing
- Wireless LANs
- IP Access Control Lists
- Security services
- IP services
- Network architecture
- Network automation

Companion Website: The companion website contains the CCNA Network Simulator Lite software, online practice exercises, and more than 2 hours of video training. Includes 34 free CCNA Network Simulator labs (available on the companion website):

Volume 1

1. Configuring Local Usernames
2. Configuring Hostnames
3. Interface Status I
4. Interface Status II
5. Interface Status III
6. Interface Status IV
7. Configuring Switch IP Settings
8. Switch IP Address
9. Switch IP Connectivity I
10. Switch CLI Configuration Process I
11. Switch CLI Configuration Process II
12. Switch CLI Exec Mode
13. Setting Switch Passwords
14. Interface Settings I
15. Interface Settings II
16. Interface Settings III
17. Switch Forwarding I
18. Switch Security I
19. Switch Interfaces and Forwarding Configuration Scenario
20. Configuring VLANs Configuration Scenario
21. VLAN Troubleshooting

Volume 2

1. ACL I
2. ACL II
3. ACL III
4. ACL IV
5. ACL V
6. ACL VI
7. ACL Analysis I
8. Named ACL I
9. Named ACL II
10. Named ACL III
11. Standard ACL Configuration Scenario
12. Extended ACL I Configuration Scenario
13. Extended ACL II Configuration Scenario

CCNA Network Simulator Lite System Requirements:

Windows system requirements (minimum): Windows 10 (32/64-bit), Windows 8.1 (32/64-bit), or Windows 7 (32/64 bit), 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 16 GB available hard disk space (32-bit) or 20 GB (64-bit), DirectX 9 graphics device with WDDM 1.0 or higher driver, Adobe Acrobat Reader version 8 and above

Mac system requirements (minimum) macOS 10.14, 10.13, 10.12, or 10.11, Intel core Duo 1.83 GHz, 512 MB RAM (1 GB recommended), 1.5 GB hard disk space, 32-bit color depth at 1024x768 resolution, Adobe Acrobat Reader version 8 and above

CCNA 200-301 Official Cert Guide Library Companion Website Access interactive study tools on this book's companion website, including practice test software, video training, CCNA Network Simulator Lite software, memory table and config checklist review exercises, Key Term flash card application, a study planner, and more! To access the companion website, simply follow these steps:

1. Go to www.ciscopress.com/register.
2. Enter the print book ISBN: (Volume 1: 9780135792735, Volume 2: 9781587147135).
3. Answer the security question to validate your purchase.
4. Go to your account page.
5. Click on the Registered Products tab.
6. Under the book listing, click on the Access Bonus Content link. If you have any issues accessing the companion website, you can contact our support team by going to <http://pearsonitp.echelp.org>.

Prepare for Cisco CCNA Routing and Switching 200-120 exam success with this Cisco Exam Cram from Pearson IT Certification, a leader in IT. Cisco CCNA Routing and Switching 200-120 Exam Cram is the perfect study guide to help you pass the Cisco CCNA 200-120 exam, providing coverage and practice questions for every exam topic. The book contains an extensive set of preparation tools such as exam objective mapping; a self-assessment section that helps you evaluate your motivations and exam readiness; concise, easy-to-read exam topic overviews; Exam Alerts that highlight key concepts; bullet lists and summaries for easy review; Cram Savers, Cram Quizzes, and chapter-ending practice questions that help you assess your knowledge and test your understanding; Notes that indicate areas of concern or specialty training; Tips to help you build a better foundation of knowled? and an extensive glossary of terms and acronyms. The book also contains the extremely useful Cram Sheet tear-out that represents a collection of the most difficult-to-remember facts and numbers you should memorize before taking the test. Complementing all these study tools is the powerful Pearson IT Certification Practice Test software, complete with hundreds of exam-realistic practice questions. This assessment software offers you a wealth of customization option and reporting features, allowing you to test your knowledge in study mode, practice exam mode, or flash card mode. Covers the critical information you'll need to know to score higher on your CCNA exam!

- Identify the protocols that operate at specific OSI layers
- Learn the details of custom subnetting with IPv4
- Understand and implement IPv6
- Connect, configure, and manage Cisco routers and switches
- Set up security for routers and switches
- Create VLANs and set up switch-to-switch trunk links
- Filter traffic from one network to another with access control lists (ACLs)
- Deploy Network Address Translation (NAT) and IOS router DHCP services
- Learn to predict and verify Spanning Tree Protocol (STP)
- Configure and verify OSPFv2, OSPFv3, and EIGRP
- Leverage redundancy

protocols including HSRP and GLBP Implement WAN technologies including PPP, HDLC, and Frame Relay Troubleshoot switches and routers, including routing protocols Companion CD The companion CD contains a digital edition of the Cram Sheet and the powerful Pearson IT Certification Practice Test engine, complete with hundreds of exam-realistic questions. The assessment engine offers you a wealth of customization options and reporting features, laying out a complete assessment of your knowledge to help you focus your study where it is needed most. Pearson IT Certification Practice Test minimum system requirements: Windows XP (SP3), Windows Vista (SP2), Windows 7, or Windows 8; Microsoft .NET Framework 4.0 Client; Pentium-class 1GHz processor (or equivalent); 512MB RAM; 650MB disk space plus 50MB for each downloaded practice exam; access to the Internet to register and download your practice exams Mike Valentine has been in the IT field for 16 years, focusing on network design and implementation. He is a Cisco Certified Systems Instructor (#31461) and specializes in Cisco Unified Communications instruction as well as CCNA and CCNP courses. His accessible, humorous, and effective teaching style has demystified Cisco for hundreds of students since he began teaching in 2002. Keith Barker, CCIE No. 6783 R/S & Security, is a 27-year veteran of the networking industry. He currently works at CBT Nuggets. His past experience includes EDS, Blue Cross, Paramount Pictures, and KnowledgeNET, and he has delivered CCIE-level training for several years.

Interconnecting Cisco Network Devices, Part 1 (ICND1), Second Edition, is a Cisco®-authorized, self-paced learning tool for CCENT™ and CCNA® foundation learning. This book provides you with the knowledge needed to configure Cisco switches and routers to operate in corporate internetworks. By reading this book, you will gain a thorough understanding of concepts and configuration procedures required to build a multiswitch, multirouter, and multigroup internetwork that uses LAN and WAN interfaces for the most commonly used routing and routed protocols. In Interconnecting Cisco Network Devices, Part 1 (ICND1), you will study installation and configuration information that network administrators need to install and configure Cisco products. Specific topics include building a simple network, Ethernet LANs, wireless LANs (WLANs), LAN and WAN connections, and network management. Chapter-ending review questions illustrate and help solidify the concepts presented in the book. Whether you are preparing for CCENT or CCNA certification or simply want to gain a better understanding of how to build small Cisco networks, you will benefit from the foundation information presented in this book. Interconnecting Cisco Network Devices, Part 1 (ICND1), is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com/go/authorizedtraining. Steve McQuerry, CCIE® No. 6108, is a consulting systems engineer with Cisco. He focuses on data center architecture. Steve works with enterprise customers in the Midwestern United States to help them plan their data center architectures. Steve has been an active member of the internetworking community since 1991 and has held multiple certifications from Novell, Microsoft, and Cisco. Prior to joining Cisco, Steve worked as an independent contractor with Global Knowledge where he taught and developed coursework around Cisco technologies and certifications. Understand the principles on which basic networks operate Explore the operation and configuration of LANs Extend the boundaries of the network by implementing and securing wireless connectivity Configure routers to provide connectivity between different networks Learn about IP addressing number conversion Establish WAN interconnectivity using point-to-point links, DSL, and cable services Configure Network Address Translation (NAT) Use Cisco IOS® commands to determine the layout of a Cisco network topology Manage the router startup and work with IOS configuration files and Cisco IOS images This volume is in the Certification Self-Study Series offered by Cisco Press®. Books in this series provide officially developed self-study solutions to help networking professionals understand technology implementations and prepare for the Cisco Career Certifications examinations. Category: Cisco Press—Cisco Certification Covers: ICND1 Exam 640-822 "Foundation learning for SWITCH 642-813"--P. 1, cover.

Cisco Press is the Official publisher for New CCNA Routing and Switching Certification. The New Edition of this Best-Selling Official Cert Guide includes Updated Content, and 60 Minutes of Video Training -- PLUS the CCNA Network Simulator Lite Edition with lab exercises. Cisco CCNA Routing and Switching ICND2 200-101 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. 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 personal video mentoring and simulator lite software is available through product registration at Cisco Press; or see instructions in back pages of your eBook. This complete study package includes A test-preparation routine proven to help you pass the exams Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly Troubleshooting sections, which help you master the complex scenarios you will face on the exam A free copy of the CCNA ICND2 200-101 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches More than 60 minutes of video mentoring from the author A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time The official study guide helps you master all the topics on the CCNA exam, including Spanning Tree Protocol (STP) Troubleshooting LAN switching IPv4 routing VPNs OSPF and EIGRP configuration and troubleshooting Wide area networks and Frame Relay IPv6 implementation and troubleshooting Network management Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your exam success. Wendell Odom, CCIE® No. 1624, is the most respected author of Cisco networking books in the world. His past titles include books on the entry-level Cisco certifications (CCENT and CCNA), the more advanced CCNP, and the industry-renowned CCIE. His books are known for their technical depth and accuracy. Wendell has worked as a network engineer, consultant, instructor, course developer, and book author, and he has produced videos, software, and blogs related to Cisco certifications. CCENT ICND1 Network Simulator Lite minimum system requirements: Microsoft Windows XP (SP3), Windows Vista (32-bit/64-bit) with SP1, Windows 7 (32-bit/64-bit) or Windows 8 (32-bit/64-bit, x86 processors), Mac OS X 10.6, 10.7, or 10.8 Intel Pentium III 1GHz or faster processor 512 MB RAM (1GB recommended) 1 GB hard disk space 32-bit color depth at 1024x768 resolution Adobe Acrobat Reader version 8 and above Other applications installed during installation: Adobe AIR 3.6.0 Captive JRE 6 This volume is part of the Official Cert Guide series from Cisco Press. Books in this series provide officially developed exam preparation materials that offer assessment, review, and practice to help Cisco Career Certification candidates identify

weaknesses, concentrate their study efforts, and enhance their confidence as exam day nears.

This intensive, one-week study guide provides students with all the knowledge they need to excel on the CCNA/CCENT exam.

This certification guide is designed to make even the most difficult Internet-working concepts easy to understand.

Intended for one or more courses geared toward the CCNA, the book focuses on practical skills needed by a CCNA in the job market.

CCNA Routing and Switching Practice and Study Guide is designed with dozens of exercises to help you learn the concepts and configurations crucial to your success with the Interconnecting Cisco Networking Devices Part 2 (ICND2 200-101) exam. The author has mapped the chapters of this book to the last two Cisco Networking Academy courses in the CCNA Routing and Switching curricula, Scaling Networks and Connecting Networks. These courses cover the objectives of the Cisco Certified Networking Associate (CCNA) Routing and Switching certification. Getting your CCNA Routing and Switching certification means that you have the knowledge and skills required to successfully install, configure, operate, and troubleshoot a medium-sized routed and switched networks. As a Cisco Networking Academy student or someone taking CCNA-related classes from professional training organizations, or college- and university-level networking courses, you will gain a detailed understanding of routing by successfully completing all the exercises in this book. Each chapter is designed with a variety of exercises, activities, and scenarios to help you: Review vocabulary Strengthen troubleshooting skills Boost configuration skills Reinforce concepts Research and analyze topics

Here are all the CCNA-level Routing and Switching commands you need in one condensed, portable resource. The CCNA Routing and Switching Portable Command Guide, Third Edition, is filled with valuable, easy-to-access information and is portable enough for use whether you're in the server room or the equipment closet. The guide summarizes all CCNA certification-level Cisco IOS® Software commands, keywords, command arguments, and associated prompts, providing you with tips and examples of how to apply the commands to real-world scenarios. Configuration examples throughout the book provide you with a better understanding of how these commands are used in simple network designs. This book has been completely updated to cover topics in the ICND1 100-101, ICND2 200-101, and CCNA 200-120 exams. Use this quick reference resource to help you memorize commands and concepts as you work to pass the CCNA Routing and Switching certification exam. The book is organized into these parts: • Part I TCP/IP v4 • Part II Introduction to Cisco Devices • Part III Configuring a Router • Part IV Routing • Part V Switching • Part VI Layer 3 Redundancy • Part VII IPv6 • Part VIII Network Administration and Troubleshooting • Part IX Managing IP Services • Part X WANs • Part XI Network Security Quick, offline access to all CCNA Routing and Switching commands for research and solutions Logical how-to topic groupings for a one-stop resource Great for review before CCNA Routing and Switching certification exams Compact size makes it easy to carry with you, wherever you go "Create Your Own Journal" section with blank, lined pages allows you to personalize the book for your needs "What Do You Want to Do?" chart inside back cover helps you to quickly reference specific tasks

Deluxe Edition of Best-Selling CCNA Study Guide This comprehensive, enhanced version of the Sybex CCNA Study Guide provides certification candidates with the additional tools they need to prepare for this popular exam. With additional bonus exams and flashcards, as well as the exclusive CCNA Virtual Lab, Platinum Edition, this comprehensive guide has been completely updated to reflect the latest CCNA 640-802 exam. Written by Cisco Authority Todd Lammle, whose straightforward style provides lively examples, hands-on and written labs, easy-to-understand analogies, and real-world scenarios that will not only help you prepare for the exam, but also give you a solid foundation as a Cisco networking professional. This Study Guide teaches you how to Describe how a network works Configure, verify and troubleshoot a switch with VLANs and interswitch communications Implement an IP addressing scheme and IP Services to meet network requirements in a medium-size Enterprise branch office network. Configure, verify, and troubleshoot basic router operation and routing on Cisco devices Explain and select the appropriate administrative tasks required for a WLAN Identify security threats to a network and describe general methods to mitigate those threats Implement, verify, and troubleshoot NAT and ACLs in a medium-size Enterprise branch office network. Implement and verify WAN links On the CD-ROM: Chapter Review Questions Full-Length Practice Exams Electronic Flashcards Exclusive CD-only bonus material, including the CCNA Simulation Exam Practice Guide All new Audio and Video Instruction from Todd Lammle On the Bonus 2nd CD-ROM The CCNA Virtual Lab, Platinum Edition. Users can work in a Cisco environment without having to spend the thousands of dollars on the pricy equipment. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file. For Instructors: Teaching supplements are available for this title.

Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. --Master Cisco CCNA Security 210-260 Official Cert Guide exam topics --Assess your knowledge with chapter-opening quizzes --Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Security 210-260 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Security 210-260 Official Cert Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA Security 210-260 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA Security exam. Networking Security experts Omar Santos and John Stuppi 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. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security exam, including --Networking security concepts --Common security threats --Implementing AAA using IOS and ISE --Bring Your Own

Device (BYOD) --Fundamentals of VPN technology and cryptography --Fundamentals of IP security --Implementing IPsec site-to-site VPNs --Implementing SSL remote-access VPNs using Cisco ASA --Securing Layer 2 technologies --Network Foundation Protection (NFP) --Securing the management plane on Cisco IOS devices --Securing the data plane --Securing routing protocols and the control plane --Understanding firewall fundamentals --Implementing Cisco IOS zone-based firewalls --Configuring basic firewall policies on Cisco ASA --Cisco IPS fundamentals --Mitigation technologies for e-mail- and web-based threats --Mitigation technologies for endpoint threats CCNA Security 210-260 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit <http://www.cisco.com/web/learning/index.html>.

Accessing the WAN, CCNA Exploration Companion Guide Cisco Press

An intensive, one-week study guide that provides students with all the knowledge they need to excel on the CCNA/CCENT exam, this certification guide is designed to make even the most difficult Internet working concepts easy to understand.

Your Guide to CCENT and CCNA IOS Commands This book is an ideal supplement to Todd Lammle's CCENT and CCNA Study Guides, and a great quick reference for any Cisco networking administrator. Covering IOS version 15, each chapter begins with a short introduction, explaining what tasks will be discussed, followed by detailed explanations of and examples of the commands. The book includes an easy-to-navigate table of commands broken into the following topic areas: Internetworking and TCP/IP Cisco command line interface (CLI) and Security Device Manager (SDM) Router Configuration LAN Switch Configuration Advanced IOS and Troubleshooting Access Lists Network Address Translation Wireless Wide Area Networks Security IPv6 Whether you are studying for your CCENT or CCNA certification, or are a seasoned Cisco networking administrator, this IOS Commands Survival Guide is the perfect reference to help you achieve your goals.

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. CCNA Routing and Switching ICND2 200-105 Official Cert Guide, Academic Edition is a comprehensive textbook and study package that provides you with a detailed overview of network configuration and troubleshooting. Best-selling author and expert instructor Wendell Odom shares study hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes

- A test-preparation routine proven to help you pass the exams
- "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section
- Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly
- Troubleshooting sections, which help you master the complex scenarios you will face on the exam
- A free copy of the eBook version of the text, available in PDF, EPUB, and Mobi (Kindle) formats
- The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports
- A free copy of the CCNA ICND2 200-105 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches
- Links to a series of hands-on config labs developed by the author
- Online interactive practice exercises that help you hone your knowledge
- More than 50 minutes of video mentoring from the author
- A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies
- Study plan suggestions and templates to help you organize and optimize your study time

Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your success. This official study guide helps you master all the topics on the CCNA ICND2 exam, including

- Ethernet LANs
- IPv4 routing protocols
- Wide area networks
- IPv4 services: ACLs and QoS
- IPv4 routing and troubleshooting
- IPv6
- Network management, SDN, and cloud computing

Companion DVD The DVD contains more than 500 unique practice exam questions, ICND2 Network Simulator Lite software, online practice exercises, and 50+ minutes of video training. Includes Exclusive Offers For Up to 70% Off Video Training and Network Simulator Software

Pearson IT Certification Practice Test minimum system requirements: Windows 10, Windows 8.1, Windows 7, or Vista (SP2), Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases

In addition to the wealth of updated content, this new edition includes a series of free hands-on exercises to help you master several real-world configuration and troubleshooting activities. These exercises can be performed on the CCNA ICND2 200-105 Network Simulator Lite software included for free on the DVD or companion web page that accompanies this book. This software, which simulates the experience of working on actual Cisco routers and switches, contains the following 19 free lab exercises, covering all of the topics in Part II, the first hands-on configuration section of the book:

1. EIGRP Serial Configuration I
2. EIGRP Serial Configuration II
3. EIGRP Serial Configuration III
4. EIGRP Serial Configuration IV
5. EIGRP Serial Configuration V
6. EIGRP Serial Configuration VI
7. EIGRP Route Tuning I
8. EIGRP Route Tuning II
9. EIGRP Route Tuning III
10. EIGRP Route Tuning IV
11. EIGRP Neighbors I
12. EIGRP Neighbors II
13. EIGRP Neighbors III
14. EIGRP Auto-Summary Configuration Scenario
15. EIGRP Configuration I Configuration Scenario
16. EIGRP Metric Manipulation Configuration Scenario
17. EIGRP Variance and Maximum Paths Configuration Scenario
18. EIGRP Troubleshooting Scenario
19. Path Troubleshooting Scenario IV

If you are interested in exploring more hands-on labs and practicing configuration and troubleshooting with more router and switch commands, check out our full simulator product offerings at <http://www.pearsonitcerti>

ation.com/networksimulator. CCNA ICND2 Network Simulator Lite minimum system requirements: Windows (Minimum) · Windows 10 (32/64-bit), Windows 8.1 (32/64-bit), or Windows 7 (32/64-bit) · 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor · 1 gigabyte (GB) RAM (32-bit) or 2 GB RAM (64-bit) · 16 GB available hard disk space (32-bit) or 20 GB (64-bit) · DirectX 9 graphics device with WDDM 1.0 or higher driver · Adobe Acrobat Reader version 8 and above Mac (Minimum) · OS X 10.11, 10.10, 10.9, or 10.8 · Intel core Duo 1.83 GHz · 512 MB RAM (1 GB recommended) · 1.5 GB hard disk space · 32-bit color depth at 1024x768 resolution · Adobe Acrobat Reader version 8 and above

"This course discusses the WAN technologies and network services required by converged applications in a complex network. The course allows you to understand the selection criteria of network devices and WAN technologies to meet network requirements. You will learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. You will also develop the knowledge and skills needed to implement IPsec and virtual private network (VPN) operations in a complex network."--Back cover.

The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 provides in-depth coverage of all official CCNA/CCENT exam objectives and uses 2800 router, 1841 router, catalyst 2960 switch, and many other CISCO devices to clarify the required concepts. The book uses many highly-professional figures, exhibits, tables, configurations, and real internetworking scenarios to clarify the required concepts. It also provides up-to-date information on the newest catalyst 2960-S switch and 802.11n wireless technology. Author Thaar AL_Taiey highlights critical information, outlines necessary procedures, and identifies exam essentials. This preparation guide presents the concepts so that they can be grasped with understanding. After study, there is an opportunity to test their knowledge with the two thousand challenging, test-like questions that resemble the questions found on the exam. Question types include multiple-choice-single-answer, multiple-choice-multiple-answers, fill-in-the-blank, testlet, drag-and-drop, and simulations. The chapters are organized to offer the following information: description of chapter topics, main exposition of topics, chapter summary, commands reference, and list of the suggested learning questions. The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 is an intensive, one-week study guide that provides students with all the preparation they need to excel on the CCNA/ CCENT exam. This certification guide is designed to make even the most difficult internet-working concepts easy to understand. Designed and organized for absolute beginners as well as for CISCO internetworking professionals. The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 gives students the necessary foundation to overtake the CCNA/ CCENT exam with extreme confidence and post high scores. The following CISCO CCNA/CCENT topics are covered carefully in this book: Describing the operation of computer data networks Describing the required CISCO Devices for CCENT Operating CISCO Switches and Routers Implementing small switched CISCO networks Implementing an IP addressing scheme and IP services to meet the network requirements for small and large offices Implementing a small and a large routed network Managing and verifying CISCO switches and routers Explaining and selecting the appropriate administrative tasks required for a WLAN Implementing and verifying several WAN links Identifying security threats to a network and describing general methods to mitigate those threats Describing Wireless technology.

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. CCNA Routing and Switching 200-125 Exam Cram, 5/e is the perfect study guide to help you pass the Cisco 200-125 CCNA exam, providing coverage and practice questions for every exam topic. The book contains an extensive set of preparation tools, including topic overviews, ExamAlerts, CramSavers, CramQuizzes, chapter-ending review questions, author notes and tips, and an extensive glossary. The book also contains the extremely useful CramSheet tear-out: a collection of essential facts in an easy-to-review format. Complementing all these great study tools is the powerful Pearson Test Prep practice test software, complete with hundreds of exam-realistic practice questions. This assessment software offers you a wealth of customization options and reporting features, allowing you to test your knowledge in study mode should be. Covers the critical information you'll need to know to score higher on your CCNA exam! Compare and contrast networking models including OSI and TCP/IP Master subnetting in IPv4 u Understand important details of IPv6 Configure Layer 2 switches, including VLANs, trunks, STP, and Port Security Deploy EtherChannel and switch stacking Configure and verify Inter-VLAN routing Configure, verify, and troubleshoot static and dynamic routing using OSPF, EIGRP, and RIPv2 Describe basic QoS concepts Learn WAN topology and connectivity options and configure PPP, MLPPP, PPPoE, and GRE tunnel connectivity Configure and verify single-homed branch connectivity using eBGP IPv4 Configure and verify key infrastructure services including DNS, DHCP, NTP, HSRP, and NAT Configure Cisco device hardening and deploy access layer security, AAA, and ACLs Learn how to manage Cisco infrastructure Troubleshoot networks using key IOS tools Understand network programmability concepts

Accessing the WAN CCNA Exploration Labs and Study Guide John Rullan Accessing the WAN, CCNA Exploration Labs and Study Guide is designed to support your learning the technologies and network services required by converged applications as taught in Version 4 of the Cisco® Networking Academy® CCNA® Exploration curriculum. Each chapter contains a Study Guide section and a Labs and Activities section. Study Guide The dozens of exercises in this book help you learn the concepts and configurations crucial to your success as a CCNA exam candidate. Each chapter is slightly different and includes multiple-choice, fill-in-the-blank, and open-ended questions designed to help you Review vocabulary Strengthen troubleshooting skills Boost configuration skills Reinforce concepts Research topics Labs and Activities The Labs and Activities sections include all the online curriculum labs plus some additional activities to ensure that you have mastered the practical skills needed to succeed in this course. Hands-On Labs-This icon identifies the hands-on labs created for each chapter. Work through all the Basic, Challenge, and Troubleshooting labs to gain a deep understanding of the CCNA knowledge and skills needed to ultimately succeed on the CCNA Certification Exam. Packet Tracer Activities-This icon identifies exercises created by the author for you to challenge yourself on specific tasks using Packet Tracer, a powerful network simulation program developed by Cisco. Packet Tracer Companion-This icon identifies the companion activities that correspond to each hands-on lab. You'll use the Packet Tracer to complete a simulation of the hands-on lab. Packet Tracer Skills Integration Challenge-Each chapter concludes with a culminating activity called the

Packet Tracer Skills Integration Challenge. These challenging activities require you to combine several skills learned from the chapter—as well as previous chapters and courses—to successfully complete one comprehensive exercise. John Rullan has been a Cisco Instructor since 1998. He teaches CCNA, CCNP®, and network security courses to students and teachers throughout the New York City Department of Education system. Use this book with: Accessing the WAN, CCNA Exploration Companion Guide ISBN-10: 1-58713-205-2 ISBN-13: 978-158713-205-6 Companion CD-ROM The CD-ROM provides all the Packet Tracer Activity, Packet Tracer Companion, and Packet Tracer Challenge files that are referenced throughout the book as indicated by the icons. These files work with Packet Tracer software v4.1, which is available through the Academy Connection website. Ask your instructor for access to the Packet Tracer software. This book is part of the Cisco Networking Academy Series from Cisco Press®. Books in this series support and complement the Cisco Networking Academy curriculum.

To become a Cisco Certified Network Associate (CCNA), you must learn the hundreds of IOS commands used by Cisco routers and switches. This handy reference from Cisco networking authority Todd Lammle is just what you need to master those commands. From a thorough introduction to Cisco's basic operating system to making the transition to IPv6, Todd Lammle walks you through hundreds of commands with short, to-the-point explanations and plenty of figures and real-world examples.

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCENT/CCNA ICND1 100-105 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCENT/CCNA ICND1 100-105 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCENT/CCNA ICND1 100-105 Official Cert Guide presents you with an organized test-preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCENT/CCNA ICND1 100-105 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes · A test-preparation routine proven to help you pass the exams · Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section · Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly · Troubleshooting sections, which help you master the complex scenarios you will face on the exam · A free copy of the CCENT ICND1 100-105 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches · Links to a series of hands-on config labs developed by the author · Online, interactive practice exercises that help you hone your knowledge · More than 90 minutes of video mentoring from the author · A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies · Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your exam success. This official study guide helps you master all the topics on the CCENT/CCNA ICND1 exam, including · Networking fundamentals · Implementing basic Ethernet LANs · Ethernet LANs: design, VLANs, and troubleshooting · IPv4 addressing and subnetting · Implementing IPv4 · IPv4 design and troubleshooting · IPv4 services: ACLs and NAT · IPv6 · Network device management

Connecting Networks Companion Guide is the official supplemental textbook for the Connecting Networks course in the Cisco® Networking Academy® CCNA® Routing and Switching curriculum. This course discusses the WAN technologies and network services required by converged applications in a complex network. The course allows you to understand the selection criteria of network devices and WAN technologies to meet network requirements. You will learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. You will also develop the knowledge and skills needed to implement IPsec and virtual private network (VPN) operations in a complex network. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book's features help you focus on important concepts to succeed in this course: Chapter objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms—Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. Glossary—Consult the comprehensive Glossary with 195 terms. Summary of Activities and Labs—Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. Check Your Understanding—Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. How To—Look for this icon to study the steps you need to learn to perform certain tasks. Interactive Activities—Reinforce your understanding of topics with all the different exercises from the online course identified throughout the book with this icon. Videos—Watch the videos embedded within the online course. Packet Tracer Activities—Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters. Hands-on Labs—Work through all the course labs and Class Activities that are included in the course and published in the separate Lab Manual.

Updated for the Latest CCNA Exam Here's the book you need to prepare for Cisco's revised CCNA exam, 640-801. This new edition of the best-selling CCNA Study Guide provides: In-depth coverage of every CCNA exam objective Practical information on Cisco internetworking solutions Hundreds of challenging review questions Leading-edge exam preparation software, including a test engine, sample simulation questions, and electronic flashcards Authoritative coverage of all exam objectives, including: Network planning & designing Implementation & operation LAN and WAN troubleshooting Note:CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Preview exam day with 1500 questions tailored to the exam domains CCNA Routing and Switching Practice Tests is your ultimate tool for exam success and compliments the Sybex Deluxe Study Guides and Study Guides for the CCENT and CCNA. Whether you're taking the 200-15 Composite Exam or the two-part 100-105 and 200-105 exams, this book gives you the practice you need to study smarter. Seven completely unique 200-question practice tests cover the seven CCNA Routing and Switching objective domains, and two additional unique 50-question practice exams provide even more opportunity to find areas where further review is needed. These 1500 questions cover everything you'll see on the exam—network fundamentals; LAN switching technologies; routing technologies; WAN technologies; and infrastructure services, security, and management—so you can avoid any exam-day surprises. Fully aligned with the latest versions of the exams, this book helps you focus your study time and remove uncertainties so you can face the exam with confidence. The CCNA Routing and Switching exams test your working knowledge of IP data networks, addressing, routing, and services; network device security; troubleshooting, and more. These practice tests cover it all to help you discover what you already know, what you still need to learn, and what to expect on exam day. Get a preview of the types of questions you'll see on the exam Pinpoint areas in need of review Focus your study time for better results Gauge your readiness for any CCNA exam The CCNA exams cover a broad range of routing and switching topics, and the questions can get fairly in-depth. Practice makes perfect, and practice tests tailored to each of the seven exam domains provide an ideal opportunity to ensure your own top-notch performance. When you're ready to get serious about CCNA certification, CCNA Routing and Switching Practice Tests are your solution for ultimate exam-day confidence.

A brand new edition of the number one book on the CCNA ICND2 exam! * *This new edition has been fully updated to refresh the content,

add new exercises, and enhance certain essential CCNA exam topics. *The CD offers a brand new practice exam engine, offering a wealth of customization options and reporting features along with several hundred exam-realistic practice questions. *The CD also contains a free network simulator with new exercises. This new edition has been fully updated to refresh the content, add new exercises, and enhance certain essential topics. The previous single chapter on VLSM and Router Summarization has been completely rewritten and split into two separate chapters. The chapter on IP Access Control Lists has also been completely updated. In addition to these major changes, Wendell Odom has created a series of practice exercises for all three of these topics to help reinforce the concepts and increase computation speed for exam preparation, a critical success factor on the CCNA exams. The Numeric Reference Table appendix was also completely revised. In addition to the wealth of updated content, this new edition also includes a series of free hands-on exercises to help you master several real-world configuration activities. These exercises can be performed on the CCNA Network Simulator, ICND2 Lite Edition included for free on the CD-ROM. This software contains twelve free lab exercises, nine skill-builder labs and three complex configuration scenarios. Finally, the practice test has been fully updated to the new Pearson IT Certification Practice Test software, offering a wealth of customization options and reporting features along with several hundred exam-realistic practice questions.

Authorized Self-Study Guide Interconnecting Cisco Network Devices, Part 2 (ICND2) Third Edition Foundation learning for CCNA ICND2 Exam 640-816 Steve McQuerry, CCIE® No. 6108 Interconnecting Cisco Network Devices, Part 2 (ICND2), is a Cisco®-authorized, self-paced learning tool for CCNA® foundation learning. This book provides you with the knowledge needed to install, operate, and troubleshoot a small to medium-size branch office enterprise network, including configuring several switches and routers, connecting to a WAN, and implementing network security. In Interconnecting Cisco Network Devices, Part 2 (ICND2), you will study actual router and switch output to aid your understanding of how to configure these devices. Many notes, tips, and cautions are also spread throughout the book. Specific topics include constructing medium-size routed and switched networks, OSPF and EIGRP implementation, access control lists (ACL), address space management, and LAN extensions into a WAN. Chapter-ending review questions illustrate and help solidify the concepts presented in the book. Whether you are preparing for CCNA certification or simply want to gain a better understanding of how to build medium-size Cisco networks, you will benefit from the foundation information presented in this book. Interconnecting Cisco Network Devices, Part 2 (ICND2), is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com/go/authorizedtraining. Steve McQuerry, CCIE® No. 6108, is a consulting systems engineer with Cisco focused on data center architecture. Steve works with enterprise customers in the Midwestern United States to help them plan their data center architectures. He has been an active member of the internetworking community since 1991 and has held multiple certifications from Novell, Microsoft, and Cisco. Before joining Cisco Steve worked as an independent contractor with Global Knowledge, where he taught and developed coursework around Cisco technologies and certifications. Review the Cisco IOS® Software command structure for routers and switches Build LANs and understand how to overcome problems associated with Layer 2 switching Evaluate the differences between link-state and distance vector routing protocols Configure and troubleshoot OSPF in a single area Configure and troubleshoot EIGRP Identify and filter traffic with ACLs Use Network Address Translation (NAT) and Port Address Translation (PAT) to conserve IPv4 address space and implement IPv6 Connect different sites over WANs or the Internet using IPsec VPN, SSL VPN, leased line, and Frame Relay connections This volume is in the Certification Self-Study Series offered by Cisco Press®. Books in this series provide officially developed self-study solutions to help networking professionals understand technology implementations and prepare for the Cisco Career Certifications examinations. Category: Cisco Press—Cisco Certification Covers: ICND2 Exam 640-816

Accessing the WAN CCNA Exploration Companion Guide Bob Vachon Rick Graziani Accessing the WAN, CCNA Exploration Companion Guide is the official supplemental textbook for the Accessing the WAN course in the Cisco Networking Academy CCNA Exploration curriculum version 4. This course discusses the WAN technologies and network services required by converged applications in enterprise networks. The Companion Guide, written and edited by Networking Academy instructors, is designed as a portable desk reference to use anytime, anywhere. The book's features reinforce the material in the course to help you focus on important concepts and organize your study time for exams. New and improved features help you study and succeed in this course: Chapter objectives: Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms: Refer to the updated lists of networking vocabulary introduced and turn to the highlighted terms in context in each chapter. Glossary: Consult the all-new comprehensive glossary with more than 250 terms. Check Your Understanding questions and answer key: Evaluate your readiness with the updated end-of-chapter questions that match the style of questions you see on the online course quizzes. The answer key explains each answer. Challenge questions and activities: Strive to ace more challenging review questions and activities designed to prepare you for the complex styles of questions you might see on the CCNA exam. The answer key explains each answer. Bob Vachon is the coordinator of the Computer Systems Technology program and teaches networking infrastructure courses at Cambrian College in Sudbury, Ontario, Canada. Bob has worked and taught in the computer networking and information technology field for 25 years and is a scholar graduate of Cambrian College. Rick Graziani teaches computer science and computer networking courses at Cabrillo College in Aptos, California. Rick has worked and taught in the computer networking and information technology field for 30 years. How To: Look for this icon to study the steps that you need to learn to perform certain tasks. Packet Tracer Activities: Explore networking concepts in activities interspersed throughout some chapters using Packet Tracer v4.1 developed by Cisco. The files for these activities are on the accompanying CD-ROM. Also available for the Accessing the WAN Course Accessing the WAN, CCNA Exploration Labs and Study Guide ISBN-10: 1-58713-201-X ISBN-13: 978-1-58713-201-8 Companion CD-ROM **See instructions within the ebook on how to get access to the files from the CD-ROM that accompanies this print book.** The CD-ROM provides many useful tools and information to support your education: Packet Tracer Activity exercise files A Guide to Using a Networker's Journal booklet Taking Notes: A .txt file of the chapter objectives More IT Career Information Tips on Lifelong Learning in Networking This book is part of the Cisco Networking Academy Series from Cisco Press. The products in this series support and complement the Cisco Networking Academy online curriculum.

The book explains CISCO CCNA/CCENT internetworking routing and switching concepts and guarantees the certification to the readers, with a unique presentation in the field of internetworking. It is written like usual textbooks. The differences are; in the way of presenting the required information, which is so simple, the addition of more than 2200 learning questions, and the built-in of 13 exam engines and flash cards. The learning questions, at the end of a chapter, represent a review to the information presented in that chapter as well as provide an easy way for the preparation of the real exam. The questions are made to focus on the important information. You have two options to read the questions and their answers, either by using the built-in exam engine at the end of each chapter or by reading the questions and their answers in the EBook. With more than 840 pages, the book includes explanatory text and provides new types of test formats to simplify both the exam and the presenting of the information to the readers, including over 2200 challenging multiple-choices-single-answer, multiple-choices-multiple-answers, fill-in-the-blank, testlet, drag-and-drop, and simulation

test formats. A variety of internetworking scenarios and exhibits are used in this book to illustrate the topics related to the CISCO internetworking fundamentals. In line with modern training and teaching methodology, the questions are included to encourage the reader to stop and think, as well as to test his knowledge in preparation for a successful CCNA CCENT examination. The book also provides you three built-in CISCO CCNA/CCENT exams' engines. The exams mimic the format on real CISCO exams. The exams are highly organized, so that the reader can easily understand the concepts of the exams. To be more familiar with the real CISCO exam, each exam in this book contains only 50-60 questions. Moreover, the answers of the questions are comprehensively described so that you could understand the concepts behind each question very well and be more confident on the CISCO exam. The exams are made so that you could feel like on real CISCO exams. Therefore, the questions in this book require the same level of analysis as the question on the CCNA/CCENT ICND1 exams. Varieties of internetworking designing and troubleshooting scenarios are described in this book. While these scenarios prepare you for the exam, you will obtain strong experiences on CISCO switches, CISCO routers, CISCO internetworking and the associated protocols, and technologies. The three Simulated CISCO exams make you more confident in the real CISCO exam. CCENT is the essential certification for the CISCO internetworking routing and switching track. Understanding the CCENT topics and passing this exam successfully, are crucial for those who want to be an Internetworking professional, and is an easy mission, just follow this book. The current track of the CCNA routing and switching contains two exams and two certifications, the CCENT/ICND1 exam 640-822 and the ICND2 exam 640-816. However, it is possible to obtain the CCNA exam 640-802 by one exam and one certification. Now, CCENT and CCNA are the most popular entry-level networking and internetworking certification programs. The CCENT certification proves that you have a firm foundation in the networking and internetworking field, and it proves that you have a solid understanding of IP protocol, IP routing, switching, and many of CISCO device's configurations. The book provides in-depth coverage of all official CCNA CCENT exam objectives and uses 2800 router, 1841 router, catalyst 2960 switch, and many other CISCO devices to clarify the required concepts. It also provides an up-to-date information for the newest catalyst 2960-S switch and 802.11n wireless technology. It provides objective-by-objective coverage of all the material the student needs to know for the exam, signaling out critical information, outlining necessary procedures, and identifying the exam essentials. The book is composed of ten chapters. Each chapter treats each internetworking entity with clear, simple, easy-to-follow sections, text boxes and numerous conceptual figures. The book contains more than 313 Figures, 33 Exhibits, 150 Tables, and hundreds of CISCO Switches' and Routers' Configurations. At the end of each chapter, a number of learning questions, exam engine with flash cards and a list of the commands, which are used in that chapter, are given. To make the reader/student more familiar with the CISCO exam, which is not requiring explaining the answer, some of the answers are not provided with explanations. However, explanations for these answers can be obtained easily from their questions. This will preserve the reader time by eliminating all the repeated information and it will not waste his/her time by extra statements. To encourage the reader to stop and think as well as to test his knowledge, the answers are not given directly after the learning questions; instead, the answers are listed in Appendix A with complementary discussions. This book uses mainly the passive voice way of writing to give the reader strong-straightforward information without confusing the reader by extra-not required statements. This way of writing is also used by CISCO for devices' configurations, and by several computer technical books and operating systems; hence, the reader will be more familiar with CISCO devices' configurations while he/she reads this book. The 2200 questions are distributed across the book as shown below:

- Chapter 1: Internetworking Essentials 312
- Chapter 2: Internetworking IP Protocol and IP Addressing 308
- Chapter 3: Subnetting IP Network and VLSMs 85
- Chapter 4: Internetworking OS CISCO Devices 239
- Chapter 5: Internetworking Routing Protocols 233
- Chapter 6: Internetworking Switching 219
- Chapter 7: Internetworking OS Management Facilities 216
- Chapter 8: Internetworking WAN Technologies 188
- Chapter 9: Internetworking Wireless Technology: an Introduction 143
- Chapter 10: Internetworking Security: an Introduction 94
- Exam E1 52
- Exam E2 54
- Exam E3 54

This book is a unique one that is designed to offer both the CCNA/CCENT study guide and examination guide, and includes 13 built-in exam engines with flash cards. The book covers essential topics on the Internetworking and security that can be understood, even if the students do not have a technical background. The book is necessary for any CISCO Internetworking and security related certifications. It is designed and organized for absolute beginners as well as for professional in CISCO internetworking. For beginners to be able to follow the train of thought and to ease the presenting of the technical information to them, the book gradually presents the information by highly organized only ten chapters, and then each chapter is decomposed into a number of sections and subsections. The TRUE/FALSE and Correct/Incorrect types of questions are used to review the important information easily to the beginners. For those who have a good technical background and ready for certification, the book can be used as an additional technological certification guide, and the learning questions and the three exams can be used as a refresher for their information before taking the exam. Moreover, Questions like "Try to decide which option gets in which blank" and "Match ... etc." are used as a simulated "Drag-and-drop" type of questions in the exam. Therefore, the book knowledge is what the student needs to be a successful networking professional, and it is a valuable technological resource for those on the job with internetworking. By understanding perfectly the information presented in this book, internetworking-engi

The completely revised and only authorized textbook For The Cisco Networking Academy Program CCNA 4 curriculum. Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. This book, combined with CCNA 200-301 Official Cert Guide, Volume 1, covers all the exam topics on the CCNA 200-301 exam. · Master Cisco CCNA 200-301 exam topics · Assess your knowledge with

chapter-opening quizzes · Review key concepts with exam preparation tasks This is the eBook edition of CCNA 200-301 Official Cert Guide, Volume 2. This eBook does not include access to the Pearson Test Prep practice exams that comes with the print edition. CCNA 200-301 Official Cert Guide, Volume 2 presents you with an organized test preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA 200-301 Official Cert Guide, Volume 2 from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Best-selling author Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes · A test-preparation routine proven to help you pass the exams · Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section · Chapter-ending Key Topic tables, which help you drill on key concepts you must know thoroughly · The powerful Pearson Test Prep Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports · A free copy of the CCNA 200-301 Network Simulator, Volume 2 Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches · Links to a series of hands-on config labs developed by the author · Online interactive practice exercises that help you enhance your knowledge · More than 50 minutes of video mentoring from the author · An online interactive Flash Cards application to help you drill on Key Terms by chapter · A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies · Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, hands-on labs, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNA 200-301 Official Cert Guide, Volume 2, combined with CCNA 200-301 Official Cert Guide, Volume 1, walk you through all the exam topics found in the Cisco 200-301 exam. Topics covered in Volume 2 include · IP access control lists · Security services · IP services · Network architecture · Network automation Companion Website: Companion Website: The companion website contains CCNA Network Simulator Lite software, practice exercises, 50 minutes of video training, and other study resources. See the Where Are the Companion Files on the last page of your eBook file for instructions on how to access. In addition to the wealth of content, this new edition includes a series of free hands-on exercises to help you master several real-world configuration activities. These exercises can be performed on the CCNA 200-301 Network Simulator Lite, Volume 2 software included for free on the companion website that accompanies this book.

&>CCENT/CCNA ICND1 100-101 Official Cert Guide, Academic Edition is a comprehensive textbook and study package for a beginner-level networking course. This book has been completely revised to align to Cisco's new CCENT 100-101 ICND1 exam. Material is presented in a concise manner, focusing on increasing student's retention and recall of exam topics. The book is printed in four color, allowing students to benefit from carefully crafted figures that utilize color to convey concepts. Students will organize their study through the use of the consistent features in these chapters, including:

- Foundation Topics — These sections make up the majority of the page count, explaining concepts, configurations, with emphasis on the theory and concepts, and with linking the theory to the meaning of the configuration commands.
- Key Topics — Inside the Foundation Topics sections, every figure, table, or list that should absolutely be understood and remembered for the exam is noted with the words “Key Topic” in the margin. This tool allows the reader to quickly review the most important details in each chapter.
- Chapter-ending Summaries — These bulleted lists provide a quick and concise review of the key topics covered in each chapter.
- Chapter-ending Review Questions — Each chapter provides a set of multiple choice questions that help student's test their knowledge of the chapter concepts, including answers and full explanations.
- Chapter-ending Exercises — Each chapter concludes with a series of exercises designed to help students increase their retention of the chapter content including key term reviews, key topic tables, command review exercises, and memory table exercises.
- Part Reviews — This new edition includes a new part review feature that helps students consolidate their knowledge of concepts presented across multiple chapters. A new mind mapping exercise helps students build strong mental maps of concepts. A new exam bank of part review questions helps students test themselves with scenario-based questions that span multiple topics. In addition to these powerful chapter learning, review, and practice features, this book also contains several other features that make it a truly effective and comprehensive study package, including:
- A Getting Started chapter at the beginning of the book offer terrific advice for how to use the book features and build an effective study plan.
- The DVD contains over 90 minutes of video mentoring from the author on challenging topics such as CLI navigation, router configuration, switch basics, VLANs, and subnetting.
- The book comes complete with the CCENT/CCNA ICND1 Network Simulator Lite software, providing students with the opportunity to practice their hands-on command line interface skills with Cisco routers and switches. The 13 labs included for free with this product cover a range of IP addressing configuration and troubleshooting exercises.
- The Pearson IT Certification Practice Test software that comes with the book includes 4 full ICND1 exams and 4 full CCNA exams, providing tons of opportunities to assess and practice. Including the book review questions and part review questions, the exam bank includes more than 600 unique practice questions.
- This book also comes with a free version of the Premium Edition eBook, allowing students to access the digital copy in PDF, EPUB, or Kindle format on their computer or mobile device.
- A Final Preparation Chapter helps students review for final exams and prepare to take the official Cisco CCNA exams, if they want to achieve that certification.
- A Study Plan Template is included on the DVD to help students organize their study time. The 1 hour 14 minute presentation found at the fo

Cisco Press is the official publisher for the New CCENT & CCNA Routing and Switching Certifications. The New Edition

of the Best-Selling two-book value priced CCNA Official Cert Guide Library includes Updated Content, New Exercises, 8 Practice Exams, and 150 Minutes of Video Training -- PLUS the CCENT and CCNA Network Simulator Lite Editions with 26 Free Network Simulator Labs. CCNA 200-120 Official Cert Guide Library is a comprehensive review and package for the latest CCNA exams. The two books contained in this package, CCENT / CCNA ICND1 100-101 Official Cert Guide and CCNA ICND2 200-101 Official Cert Guide, present complete reviews and a more challenging and realistic preparation experience. The books have been fully updated to refresh the content for the latest CCNA exam topics and enhance certain key topics that are critical for exam success. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes A test-preparation routine proven to help you pass the exams Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly Troubleshooting sections, which help you master the complex scenarios you will face on the exam The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports A free copy of the CCNA ICND1 and ICND2 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches More than 150 minutes of personal video mentoring from the author Final preparation chapters, which guide you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time These official study guides help you master all the topics on the CCNA exams, including: Networking fundamentals Ethernet LANs and switches IPv4 addressing and subnetting Operating Cisco routers Configuring OSPF ACLs and NAT IPv6 fundamentals, implementation, and troubleshooting LAN switching IPv4 routing VPNs OSPF and EIGRP configuration and troubleshooting Wide area networks and Frame Relay Network management Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, these official study guides help you master the concepts and techniques that ensure your exam success. CCNA 200-120 Official Cert Guide Library is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. Companion DVDs The DVDs contain two ICND1 practice exams, two ICND2 practice exams, four full CCNA practice exams, CCENT and CCNA Network Simulator Lite software, and 150 minutes of video training.

& Learn from the only Cisco-approved test preparation book, developed with Cisco for proven and comprehensive coverage & & CD-ROM testing engine has over 200 question, including simulation based as on the CCNA exam, providing the most accurate test preparation available & & Proven training features complete concept learning and retention in the all-time best selling CCNA preparation title

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. This series is built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. * Master Cisco CCNA Data Center DCICN 640-911 exam topics * Assess your knowledge with chapter-opening quizzes * Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Data Center DCICN 640-911 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Data Center DCICN 640-911 Official Cert Guide from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert instructors and engineers Wendell Odom and Chad Hintz share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete, official study package includes * A test-preparation routine proven to help you pass the exam * "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section * Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly * A final preparation chapter that guides you through tools and resources to help you craft your review and test-taking strategies * A Nexus lab guide appendix, with advice for building hands-on Nexus labs * Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNA Data Center DCICN 640-911 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit www.cisco.com. The official study guide helps you master topics on the CCNA Data Center DCICN 640-911 exam, including * Networking fundamentals * Installing, operating, and configuring Nexus switches * VLANs and trunking concepts and configuration * Spanning Tree Protocol (STP) concepts and configuration * IP addressing and subnetting * IPv6 fundamentals * Cisco Nexus IPv4 routing configuration and routing protocol implementation * IPv4 access control lists (ACL) on Nexus switches

Three exams, two certifications, one complete Cisco training solution for networking professionals! The CCNA exam is an entry-level IT certification from Cisco Systems for professionals installing and maintaining route and switched networks. The current exam material covers networking concepts along with new and updated content on network security fundamentals and the basics of wireless networking. This book can be used as a study guide for either track you choose to receive your CCNA – the single exam, 640-802 or the combined 640-822 and 640-816, and for the CCENT certification which a student will receive upon completion of the 640-822 exam. The author team has arranged the content so that you can easily identify the objectives for each half of the combined exam. * Layout of the guide parallels the CCNA/CCENT

exam objectives for ease of study * Details all aspects of the exams including security and wireless networking essentials
* Covers everything from introductory to advanced topics—keeping the beginner and intermediate IT professional in mind
* Chapter ending questions and answers allow for graduated learning * Two practice exams on the accompanying DVD help eliminate test-day jitters

New Edition of Best Selling Official Cert Guide: Updated Content, New Exercises, and Expanded Coverage -- PLUS includes CCNA Network Simulator Lite Edition with 21 free CCNA Network Simulator Labs This is the eBook version of the print title. The eBook edition does not provide access to the DVDs that accompany the print books. ¿ The new edition of bestselling CCNA 640-802 Cert Library, Updated Third Edition by Wendell Odom is a comprehensive review and practice package for the latest CCNA exams. The two books contained in this package, CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition, and CCNA ICND2 640-816 Official Cert Guide, Third Edition, present complete reviews and a more challenging and realistic preparation experience. The books have been refreshed to provide updated coverage of critical exam topics such as IP addressing, subnetting, TCP/IP and OSI networking models,¿ VLSM, route summarization, and IP access control lists. ¿ Learn, prepare, and practice for exam success Master all CCNA 640-802 exam topics with the official study guides Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Learn from 60 minutes of video mentoring Apply concepts within Networking Simulator lab exercises Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. The books present you with an organized test preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and enable you to decide how much time you need to spend on each section. The master tables of exam topics makes referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. A final preparation chapter guides you through tools and resources to help you craft your final study plan. Special troubleshooting sections help you master the complex scenarios you will face on the exam. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, these official study guides help you master the concepts and techniques that will enable you to succeed on the exam the first time. ¿ Wendell Odom, CCIE No. 1624, is the most respected author of Cisco networking books in the world. His past titles include books on the entry-level Cisco certifications (CCENT and CCNA), the more advanced CCNP, and the industry-renowned CCIE. His books are known for their technical depth and accuracy. Wendell has worked as a network engineer, consultant, instructor, course developer, and book author, and he has produced videos, software, and blogs related to Cisco certifications. His website with links to various study tools and resources is at www.certskills.com. ¿ These official study guides help you master all the topics on the CCNA exams, including: TCP/IP and OSI networking models Operating Cisco routers and LAN switches Ethernet switch configuration and troubleshooting Virtual LANs and Spanning Tree Protocol Wireless LANs IP addressing and subnetting Routing protocols Router configuration and troubleshooting Static and connected routes VLSM and route summarization IP access control lists OSPF and EIGRP configuration WAN configuration and troubleshooting Frame Relay Network Security and VPNs NAT IPv6 Troubleshooting¿ Includes CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition and CCNA ICND2 640-816 Official Cert Guide, Third Edition ¿ This volume is part of the Official Cert Guide Series from Cisco Press. Books in this series provide officially developed exam preparation materials that offer assessment, review, and practice to help Cisco Career Certification candidates identify weaknesses, concentrate their study efforts, and enhance their confidence as exam day nears. ¿

A brand new edition of the number one book on the CCENT/CCNA ICND1 exam! * *This new edition has been fully updated to refresh the content, add new exercises, and enhance certain essential CCENT and CCNA exam topics. *The CD offers a brand new practice exam engine, offering a wealth of customization options and reporting features along with several hundred exam-realistic practice questions. *The CD also contains a free network simulator with new exercises. This new edition has been fully updated to refresh the content, add new exercises, and enhance certain essential CCENT and CCNA exam topics. The previous single chapter on IP Addressing and Subnetting has been completely rewritten, to make the concepts easier to understand and absorb. A significant amount of new practice exercises have been added to help master this complex and important topic. These new exercises will help you not only master the concepts but also help improve your subnet calculation speed, which is a critical factor for success on the exam. In addition to these changes, the TCP/IP and OSI Networking Models and Fundamentals of LANs chapters were also completely updated and rewritten. The Numeric Reference Table appendix was also completely revised. In addition to the wealth of updated content, this new edition also includes a series of free hands-on exercises to help master several real-world configuration activities. These exercises can be performed on the CCNA Network Simulator, ICND1 Lite Edition included for free on the CD-ROM. Finally, the practice test has been fully updated to the new Pearson IT Certification Practice Test software, offering a wealth of customization options and reporting features along with several hundred exam-realistic practice questions.

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. Introducing Routing and Switching in the Enterprise, CCNA Discovery Learning Guide is the official supplemental textbook for the Introducing Routing and Switching in the Enterprise course in the Cisco® Networking Academy® CCNA® Discovery curriculum version 4. The course, the third of four in the new curriculum, familiarizes you with the equipment applications and protocols installed in enterprise networks, with a focus on switched networks, IP Telephony requirements, and security. It also introduces advanced routing protocols such as Enhanced Interior Gateway Routing Protocol (EIGRP) and Open Shortest Path First (OSPF) Protocol. Hands-on exercises include configuration, installation, and troubleshooting. The Learning Guide's features help you focus on

important concepts to succeed in this course: Chapter Objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter. Key Terms—Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. The Glossary defines each key term. Summary of Activities and Labs—Maximize your study time with this complete list of all associated exercises at the end of each chapter. Check Your Understanding—Evaluate your readiness with the end-of-chapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. Challenge Questions and Activities—Apply a deeper understanding of the concepts with these challenging end-of-chapter questions and activities. The answer key explains each answer. Hands-on Labs— Master the practical, hands-on skills of the course by performing all the tasks in the course labs and additional challenge labs included in Part II of the Learning Guide. This book is part of the Cisco Networking Academy Series from Cisco Press®. Books in this series support and complement the Cisco Networking Academy curriculum.

Cisco has announced big changes to its certification program. As of February 24, 2020, all current certifications will be retired, and Cisco will begin offering new certification programs. The good news is if you're working toward any current CCNA certification, keep going. You have until February 24, 2020 to complete your current CCNA. If you already have CCENT/ICND1 certification and would like to earn CCNA, you have until February 23, 2020 to complete your CCNA certification in the current program. Likewise, if you're thinking of completing the current CCENT/ICND1, ICND2, or CCNA Routing and Switching certification, you can still complete them between now and February 23, 2020.

Networking's leading authority joins Sybex for the ultimate CCNA prep guide *CCNA Routing and Switching Complete Study Guide, 2nd Edition* is your comprehensive review for the CCNA exams. Written by the leading authority on networking technology, this guide covers 100% of all objectives for the latest ICND1, ICND2, and CCNA Composite exams. Hands-on labs help you gain experience in critical procedures and practices. Gain access to the Sybex online learning environment, featuring a robust set of study tools including: practice questions, flashcards, video instruction, and an extensive glossary of terms to help you better prepare for exam day. The pre-assessment test helps you prioritize your study time, and bonus practice exams allow you to test your understanding. The CCNA certification is essential to a career in networking, and the exam can be taken in two parts or as a composite. Whichever you choose, this book is your essential guide for complete review. Master IP data network operation Troubleshoot issues and keep the network secure Understand switching and routing technologies Work with IPv4 and IPv6 addressing Full coverage and expert insight makes *CCNA Routing and Switching Complete Study Guide* your ultimate companion for CCNA prep.

This title is intended for CCNA candidates - or those thinking about the CCNA - who have little or no experience with networking. It is also appropriate for those who just want to learn about Cisco products. It has been updated for the CCNA exam 640-607.

800x600 Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. *CCENT/CCNA ICND1 100-105 Official Cert Guide, Academic Edition* is a comprehensive textbook and study package that provides you with an introduction to foundational networking concepts and hands-on application. Best-selling author and expert instructor Wendell Odom shares study hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes A study routine proven to help you retain knowledge Chapter-ending summaries that provide a quick review of key topics Tons of review exercises, including memory tables, command summaries, key term definitions, mind mapping exercises, review questions, and more, which test your understanding and reinforce your knowledge Troubleshooting sections, which help you master complex, real-world scenarios A free copy of the eBook version of the text, available in PDF, EPUB, and Mobi (Kindle) formats The powerful Pearson IT Certification Practice Test Premium Edition software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, linking of all questions to the PDF eBook file, and detailed performance reports A free copy of the *CCENT/CCNA ICND1 100-105 Network Simulator Lite* software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches Links to a series of hands-on config labs developed by the author Online interactive practice exercises that help you enhance your knowledge More than 90 minutes of video mentoring from the author A final preparation chapter that guides you through tools and resources to help you craft your review and test-taking strategies Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the concepts and techniques that ensure your success. This official study guide helps you master all the topics on the *CCENT/CCNA ICND1* exam, including · Networking fundamentals · Implementing basic Ethernet LANs · Ethernet LANs: design, VLANs, and troubleshooting · IPv4 addressing and subnetting · Implementing IPv4 · IPv4 design and troubleshooting · IPv4 services: ACLs and NAT · IPv6 · Network device management The DVD contains more than 500 unique practice exam questions, *ICND1 Network Simulator Lite* software, online practice exercises, and 90 minutes of video training. Includes Exclusive Offers For Up to 70% Off Video Training and Network Simulator Software Pearson IT Certification Practice Test minimum system requirements: Windows 10, Windows 8.1, Windows 7, or Vista (SP2), Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases In addition to the wealth of updated content, this new edition includes a series of free hands-on exercises to help you master several real-world configuration and troubleshooting activities. These exercises can be performed on the *CCENT/CCNA ICND1 100-105 Network Simulator Lite* software included for free on the DVD or companion web page that accompanies this book. This software, which

simulates the experience of working on actual Cisco routers and switches, contains the following 24 free lab exercises, covering all the topics in Part II, the first hands-on configuration section of the book: 1. Configuring Hostnames 2. Configuring Local Usernames 3. Configuring Switch IP Settings 4. Interface Settings I 5. Interface Settings II 6. Interface Settings III 7. Interface Status I 8. Interface Status II 9. Interface Status III 10. Interface Status IV 11. Setting Switch Passwords 12. Switch CLI Configuration Process I 13. Switch CLI Configuration Process II 14. Switch CLI Exec Mode 15. Switch Forwarding I 16. Switch IP Address 17. Switch IP Connectivity I 18. Switch Security I 19. Switch Security II 20. Switch Security III 21. Switch Security IV 22. Switch Security Configuration Scenario 23. Switch Interfaces and Forwarding Configuration Scenario 24. Port Security Troubleshooting Scenario If you are interested in exploring more hands-on labs and practicing configuration and troubleshooting with more router and switch commands, see the special 50% discount offer in the coupon code included in the sleeve in the back of this book. Windows system requirements (minimum): · Windows 10 (32/64-bit), Windows 8.1 (32/64-bit), or Windows 7 (32/64-bit) · 1 gigahertz (GHz) or faster 32-bit (x86) or 64-bit (x64) processor · 1 GB RAM (32-bit) or 2 GB RAM (64-bit) · 16 GB available hard disk space (32-bit) or 20 GB (64-bit) · DirectX 9 graphics device with WDDM 1.0 or higher driver · Adobe Acrobat Reader version 8 and above Mac system requirements (minimum) · OS X 10.11, 10.10, 10.9, or 10.8 · Intel core Duo 1.83 GHz · 512 MB RAM (1 GB recommended) · 1.5 GB hard disk space · 32-bit color depth at 1024x768 resolution · Adobe Acrobat Reader version 8 and above

[Copyright: 3f1c948e485eadfafa8c7e2b6c3649ee](#)