

Ccna Routing And Switching 200 125 Official Cert Guide Library

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

CCNA ICND2 200-101 Official Cert Guide, Academic Edition, is a comprehensive textbook and study package for an intermediate-level networking course. This book has been completely revised to align to Cisco's new CCNA 200-101 ICND2 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 60 minutes of video mentoring from the author on challenging topics such as OSPF, EIGRP, EIGRP Metrics, PPP, and CHAP. The book comes complete with the CCNA ICND2 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 EIGRP configuration and troubleshooting exercises. The Pearson IT Certification Practice Test software that comes with the book includes 4 full ICND2 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 500 unique practice questions. 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. 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 ICND2 200-105 exam topics
- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam-preparation tasks

This is the eBook edition of CCNA Routing and Switching ICND2 200-105 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Routing and Switching ICND2 200-105 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. CCNA Routing and Switching ICND2 200-105 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 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 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

31 Days Before Your CCNA Exam: A Day-By-Day Review Guide for the CCNA 200-301 Certification Exam is the friendliest, most practical way to understand the CCNA Routing & Switching certification process, commit to taking your CCNA 200-301 exam, and finish your preparation using a variety of primary and supplemental study resources. Thoroughly updated for the current exam, this portable guide offers a complete day-by-day plan for what and how to study. From the basics of switch configuration and IP addressing through modern cloud, virtualization, SDN, SDA, and network automation concepts, you'll find it here. Each day breaks down an exam topic into a short, easy-to-review summary, with Daily Study Resource quick-references pointing to deeper treatments elsewhere. Sign up for your exam now, and use this day-by-day guide and checklist to organize, prepare, review, and succeed! How this book helps you fit exam prep into your busy schedule: Visual tear-card calendar summarizes each day's study topic, to help you get through everything Checklist offers expert advice on preparation activities leading up to your exam

Descriptions of exam organization and sign-up processes help make sure nothing falls between the cracks Proven strategies help you prepare mentally, organizationally, and physically Conversational tone makes studying more enjoyable Primary Resources: CCNA 200-301 Official Cert Guide Library ISBN: 978-1-58714-714-2 Introduction to Networks v7 Companion Guide ISBN: 978-0-13-663366-2 Introduction to Networks v7 Labs and Study Guide ISBN: 978-0-13-663445-4 Switching, Routing, and Wireless Essentials v7 Companion Guide ISBN: 978-0-13-672935-8 Switching, Routing, and Wireless Essentials v7 Labs and Study Guide ISBN: 978-0-13-663438-6 Enterprise Networking, Security, and Automation v7 Companion Guide ISBN: 978-0-13-663432-4 Enterprise Networking, Security, and Automation v7 Labs and Study Guide ISBN: 978-0-13-663469-0 Supplemental Resources: CCNA 200-301 Portable Command Guide, 5th Edition ISBN: 978-0-13-593782-2 CCNA 200-301 Complete Video Course and Practice Test ISBN: 978-0-13-658275-5

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. This fully updated study guide covers every topic on the current version of Cisco's CCT and CCNA exams Take the latest version of the Cisco Certified Trainer (CCT) and Cisco Certified Network Administrator (CCNA) exam with confidence using the detailed information contained in this highly effective self-study system. Written by two leading Cisco networking experts, this comprehensive guide offers authoritative test preparation and an integrated network lab simulator and exam engine that facilitate in mastering the material covered on the difficult exam. CCT/CCNA Routing & Switching All-in-One Exam Guide (Exam 640-692 & 200-301) covers all exam domains and features 200 accurate practice questions. You will get "Notes," "Tips," and "Caution" sidebars that highlight salient points as well as chapter-ending practice questions that aid in exam prep. All questions mirror those on the live test in tone, format, and content. Beyond fully preparing you for the challenging exam, the book also serves as a valuable on-the-job reference for IT professionals. • Features 100% coverage of every objective for the 2020 versions of the CCT and CCNA certification exams • Online content includes test engine with 200+ practice questions, 20+ video training clips, and free networking utilities • Written by a pair of Cisco networking experts and

training experts

Straight from Cisco, this one-of-a-kind package brings together everything you need to thoroughly prepare for your Cisco CCNAX (Composite) Routing and Switching certification exam! For one discount price, you get: Two extraordinary Cisco Press study guides, Cisco CCENT/CCNA ICND1 100-101 Official Cert Guide and Cisco CCNA Routing and Switching ICND2 200-101 Official Cert Guide Plus the state-of-the-art Cisco CCNA Routing and Switching 200-120 Network Simulator for incomparable hands-on practice -- no networking equipment needed! These two definitive books deliver authoritative preparation and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. They each include 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 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 Bonus 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 Cisco CCENT ICND1 200-120 Network Simulator single-user software package will help you systematically develop and sharpen the hands-on Cisco network configuration and troubleshooting skills you need to pass your CCENT exam. You get: Hundreds of structured labs designed by expert instructors: learn hands-on skills and reinforce the key networking concepts you need Skill-building configuration exercises, configuration scenarios, complex troubleshooting scenarios, and subnetting exercises Exclusive "free play" lab topologies that even let you create your own labs, using common lab device arrangements

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

Cisco expert Todd Lammle prepares you for the NEW Cisco CCNA certification exam! Cisco, the world leader in network

technologies, has released the new Cisco Certified Network Associate (CCNA) exam. This consolidated certification exam tests a candidate's ability to implement and administer a wide range of modern IT networking technologies. The CCNA Certification Study Guide: Volume 2 Exam 200-301 covers every exam objective, including network components, IP connectivity and routing, network security, virtual networking, and much more. Clear and accurate chapters provide you with real-world examples, hands-on activities, in-depth explanations, and numerous review questions to ensure that you're fully prepared on exam day. Written by the leading expert on Cisco technologies and certifications, this comprehensive exam guide includes access to the acclaimed Sybex online learning system—an interactive environment featuring practice exams, electronic flashcards, a searchable glossary, a self-assessment test, and video tutorials on critical Cisco networking concepts and technologies. Covers 100% of all CCNA Exam 200-301 objectives Provides accurate and up-to-date information on core network fundamentals Explains a broad range of Cisco networking and IT infrastructure Features learning objectives, chapter summaries, 'Exam Essentials' and figures, tables, and illustrations The CCNA Certification Study Guide: Volume 2 Exam 200-301 is the ideal resource for those preparing for the new CCNA certification, as well as IT professionals looking to learn more about Cisco networking concepts and technologies.

Here's the book you need to prepare for Cisco's CCNA exam, 640-801. This Study Guide was developed to meet the exacting requirements of today's Cisco certification candidates. In addition to the engaging and accessible instructional approach that has earned author Todd Lammle the "Best Study Guide Author" award in CertCities Readers' Choice Awards for two consecutive years, this updated fifth edition provides: In-depth coverage of every CCNA exam objective Expanded IP addressing and subnetting coverage More detailed information on EIGRP and OSPF Leading-edge exam preparation software Authoritative coverage of all exam objectives, including: Network planning & designing Implementation & operation LAN and WAN troubleshooting Communications technology

The only Cisco authorized textbook and portable desk reference for the CCNA 1 and 2 course in the Networking Academy

CCNA Routing and Switching 200-125 Official Cert Guide Library, Academic Edition is a comprehensive textbook and study package that provides you with an introduction to foundational networking concepts and hands-on application. The two books contained in this package, CCENT/CCNA ICND1 100-105 Official Cert Guide, Academic Edition and CCNA Routing and Switching ICND2 200-105 Official Cert Guide, Academic Edition, present 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 · 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 · 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 2 hours 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, these official study guides help 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 basic Ethernet LANs · Ethernet LANs: design, VLANs, and troubleshooting · IPv4 addressing and subnetting · Implementing IPv4 · IPv4 design and troubleshooting · IPv4 services: ACLs, NAT, and QoS · IPv4 routing protocols and routing · Wide area networks · IPv6 · Network management, SDN, and cloud computing Companion DVDs The DVDs contain more than 600 unique practice exam questions, Network Simulator Lite software, online practice exercises, and more than 2 hours of video training.

CCNA 200-301 Exam Cram, Sixth Edition 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. CCNA 200-301 Exam Cram, Sixth Edition is the perfect study guide to help you pass the Cisco 200-301 CCNA exam, providing coverage and practice questions for every exam topic. The book contains an extensive set of preparation tools, including topic overviews, exam alerts, Cram Savers, Cram Quizzes, chapter-ending review questions, author notes and tips, Packet Tracer labs, and an extensive glossary. The book also contains the extremely useful Cram Sheet tear-out: a collection of essential facts in an easy to review format. Covers the critical information you'll need to know to score higher on your CCNA exam! Understand networking fundamentals concepts, including network components, network topology architectures, physical interfaces and cabling types, TCP and UDP, wireless principals, switching concepts, and virtualization fundamentals Master IPv4 addressing and subnetting and configure IPv6 Configure and verify VLANs, interswitch connectivity, and Layer 2 discovery protocols Describe Rapid PVST+ Spanning Tree Protocol Compare Cisco Wireless Architectures and AP Modes Configure and verify IPv4 and IPv6 static routing and single area OSPF Understand DHCP, DNS, and other networking services like SNMP, syslog, SSH, and TFTP/FTP Configure and verify inside source NAT and NTP Enable

security technologies including device access control, site-to-site and remote access VPNs, ACLs, Layer 2 security features, and wireless security protocols Understand how automation impacts network management, controller-based and software defined architectures, and Cisco DNA Center enabled device management Understand network programmability concepts, including characteristics of REST-based APIs (CRUD, HTTP verbs, and data encoding), configuration management mechanisms such as Puppet, Chef, and Ansible, and learn to Interpret JSON encoded data

COMPANION WEBSITE The companion website provides access to several digital assets including the Glossary, hands-on Packet Tracer lab, the command reference and Cram Sheet. CCNA 200-301 Exam Cram, Sixth Edition Companion Website Access interactive study tools on this book's companion website, including the Glossary, Packet Tracer lab files, Command Reference, and Cram Sheet To access the companion website, simply follow these steps: 1. Go to www.pearsonitcertification.com/register. 2. Enter the print book ISBN: 9780136632887. 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.ehelp.org>.

The CCNA 200-301 Network Simulator is a single-user software package. It helps users develop and improve hands-on configuration and troubleshooting skills without the investment in expensive lab hardware. This state-of-the-art, interactive simulation software enables you to practice your networking skills with hundreds of structured labs designed to help you learn by doing, the most effective method of learning. Experience realistic network device responses as you perform each lab, which include detailed instructions, topology diagrams, critical thinking questions, hints, and answers. Working through the labs, you will quickly become proficient with all the common Cisco IOS router and switch commands on the CCNA exam. Unlike other simulators on the market, the lab scenarios included in the CCNA 200-301 Network Simulator are far more complex, challenging you to learn how to perform real-world network configuration and troubleshooting tasks.

Cisco CCNA Routing and Switching 200-120 Flash Cards and Exam Practice Pack Are you preparing to take the Cisco 200-120 CCNA certification exam? You've studied the concepts, and now you want to review and practice to assess your knowledge, guarantee retention and easy recall of the key exam topics, and ensure your success on the actual exam. Cisco CCNA Routing and Switching 200-120 Flash Cards and Exam Practice Pack gives you three methods of review in a single package proven to enhance your exam preparation. Flash Cards Review all exam topics with more than 750 flash cards in traditional print format in the book or in the Pearson IT Certification Cert Flash Card Online application that you can access via the Internet on your desktop or any tablet or smartphone. Select cards at random, or focus on

individual topics. Build your own custom sets of cards to target topics of interest or difficulty. Enter notes on questions to help expand your knowledge. Grade questions correct or incorrect, and analyze performance reports to help understand your strengths and weaknesses. Practice Test Practice with the powerful Pearson IT Certification Practice Test engine, complete with three full exams of realistic test questions. Take exams in study mode, which enables you to select question topics, check answers, review explanations, bookmark questions, and take notes; or take random, timed exams that simulate the actual exam experience. This assessment software 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. Quick Reference Guide Study with more than 190 graphical quick reference sheets that offer you a quick refresher of the key concepts for all exam objectives.

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

DVD INCLUDES: · 6+ hours of video instruction · Multiple types of video presentations in 64 lessons · A special upgrade offer to the CCNA Complete Video Course For anyone interested in learning the key networking topics for the Cisco

CCNA Routing and Switching exam, CCNA Routing and Switching 200-120 LiveLessons brings Cisco CCNA exam topics to life through the use of animations, live instructor whiteboarding sessions, slide annotations, direct-to-camera discussions, and command line interface (CLI) demonstrations, making learning these foundational networking topics easy and fun. Best-selling author, expert instructor, and double CCIE Kevin Wallace walks you through the most challenging topics on the CCNA Routing and Switching 200-120 exam, including coverage of the OSI model, switch theory and configuration, IPv4 and IPv6 addressing, routing concepts, OSPF, and EIGRP. This unique product contains multiple types of video presentations and hands-on router and switch CLI configuration and troubleshooting in real lab environments, allowing you to both learn the concepts and the hands-on application. The 64 video lessons contained in this product provide you more than 6 hours of instruction. Designed to take you inside CCNA networking concepts in a unique way, CCNA Routing and Switching 200-120 LiveLessons is guaranteed to help you master the foundational networking topics that will help you succeed on the exam and on the job. This instructive DVD product presents you with a selection of lessons from the 26-hour Cisco CCNA Routing and Switching 200-120 Complete Video Course. As an added bonus, this product contains a one-time use coupon code for 70% off the full training course, a \$280 value! If you like the lessons on the DVD, be sure to check out the Complete Video Course, which includes 20 more hours of training, module and glossary quizzes to test your understanding, interactive exercises to help reinforce key concepts, and an exam preparation section full of practical test-taking advice. Looking for a better way to master today's rapidly changing technologies? Want expert help, but don't have the time or energy to read a book? Can't find classroom training worth the money? Discover LiveLessons: self-paced, personal video instruction from the world's leading experts. LiveLessons are DVD video courses organized into bite-sized, self-contained sessions—you'll learn key skills in as little as five minutes!

Section 1: The OSI Model Section 2: Ethernet Switches—Configuration Section 3: IPv4 and IPv6 Addressing Section 4: Routing—Introduction Section 5: Routing—OSPF Section 6: Routing—EIGRP

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. These official study guides help you master all the topics on the CCNA exams, 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, NAT, and QoS
- * IPv4 routing protocols and routing
- * Wide area networks
- * IPv6
- * Network management, SDN, and cloud computing

CCNA Routing and Switching 200-125 Official Cert Guide and Network Simulator Library is a comprehensive review and hands-on practice package for the CCNA exam. This value-priced bundle combines the best-selling CCNA study guides with a powerful network simulator, providing you with the tools you

need to master all the exam topics and develop real-world hands-on configuration and troubleshooting skills. The three products in this package present complete reviews and a more challenging and realistic preparation experience. In the books, CCENT/CCNA ICND1 100-105 Official Cert Guide and CCNA R&S ICND2 200-105 Official Cert Guide, bestselling 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 Test Prep practice test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports
- * 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
- * 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

CCNA Routing and Switching 200-125 Network Simulator software enables you to practice your networking skills with more than 400 structured labs designed to help you learn by doing, the most effective method of learning. Experience realistic network device response as you perform each lab, which include detailed instructions, topology diagrams, critical-thinking questions, hints, and answers. Working through the labs, you will quickly become proficient with all the common Cisco IOS version 15 router and switch commands on the CCNA exam. Unlike other simulators on the market, the lab scenarios included in the CCNA R&S 200-125 Network Simulator are far more complex, challenging you to learn how to perform real-world network configuration and troubleshooting tasks. Well-regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, these study tools help you master the concepts and techniques that ensure your exam success. The book DVDs contain more than 600 unique practice exam questions, online practice exercises, and more than 2 hours of video training. Includes Exclusive Offer for up to 70% off Premium Edition eBook and Practice Test and Video Training. Pearson Test Prep online system requirements:

Browsers: Chrome version 40 and above; Firefox version 35 and above; Safari version 7; Internet Explorer 10 or 11; Microsoft Ed? Opera. Devices: desktop and laptop computers, tablets running on Android and iOS, smartphones with a minimum screen size of 4.7". Internet access required. Pearson Test Prep offline 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. Network Simulator 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 10.12, 10.11, or 10.10 * 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

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. This means 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. Tight, focused CCNA review covering all three exams The CCNA Routing and Switching Complete Review Guide offers clear, concise review for Exams 100-105, 200-105, and 200-125. Written by best-selling certification author and Cisco guru Todd Lammle, this guide is your ideal resource for quick review and reinforcement of key topic areas. This second edition has been updated to align with the latest versions of the exams, and works alongside the Sybex CCNA Routing and Switching Complete Study Guide, 2nd Edition. Coverage includes LAN switching technologies, IP routing, IP services, IPv4 and IPv6 addressing, network device security, WAN technologies, and troubleshooting—providing 100% coverage of all objectives for the CCNA ICND1, ICND2, and Composite exams. The Sybex online learning environment gives you access to additional study tools, including practice exams and flashcards to give you additional review before exam day. Prepare thoroughly for the ICND1, ICND2, and the CCNA Composite exams Master all objective domains, mapped directly to the exams Clarify complex topics with guidance from the leading Cisco expert Access practice exams, electronic flashcards, and more Each chapter focuses on a specific exam domain, so you can read from beginning to end or just skip what you know and get right to the information you need. This Review Guide is designed to work hand-in-hand with any learning tool, or use it as a stand-alone review to gauge your level of understanding. The CCNA Routing and Switching Complete Review Guide, 2nd Edition gives you the confidence you need to succeed on exam day.

This book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Brief 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.

This preparation guide offers complete coverage of the CCNA 640-801 exam, including all INTRO and ICND topics. The CD-ROM testing engines include simulation-based questions, while network simulation software allows readers to try out lab scenarios. 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

Rev. ed. of: 31 days before your CCNA exam / Allan Johnson, 2009.

Prepare for the new CCNA exams with this Todd Lammle study guide Cisco author, speaker, and trainer Todd Lammle is considered the authority on all things networking, and his books have sold almost a million copies worldwide. This all-purpose CCNA study guide methodically covers all the objectives of the ICND1 (100-101) and ICND2 (200-101) exams as well as providing additional insight for those taking CCNA Composite (200-120) exam. It thoroughly examines operation of IP data networks, LAN switching technologies, IP addressing (IPv4/IPv6), IP routing technologies, IP services, network device security, troubleshooting, and WAN technologies. Valuable study tools such as a companion test engine that includes hundreds of sample questions, a pre-assessment test, and multiple practice exams. Plus, you'll also get access to hundreds of electronic flashcards, author files, and a network simulator. CCNA candidates may choose to take either the ICND1(100-101) and ICND2 (200-101) exams or the CCNA Composite exam (200-120); this study guide covers the full objectives of all three Written by bestselling Sybex study guide author Todd Lammle, an acknowledged authority on all things Cisco Covers essential Cisco networking topics such as operating an IP data network, IP addressing, switching and routing technologies, troubleshooting, network device security, and much more Includes a comprehensive set of study tools including practice exams, electronic flashcards, comprehensive glossary of key terms, videos, and a network simulator that can be used with the book's hands-on labs Bonus Content: Access to over 40 MicroNugget videos from CBT Nuggets CCNA Routing and Switching Study Guide prepares you for CCNA certification success.

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.

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.pearsonitcertification.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 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.

Fully aligned with the latest versions of the exams, this book contains 1500 questions tailored to the exam domains and helps you focus your study time and remove uncertainties so you can face the exam with confidence. --

The ultimate CCNA prep resource, practice exams, expert coverage, and more The CCNA Routing and Switching Complete Certification Kit, 2nd Edition contains the CCNA Routing and Switching Complete Deluxe Study Guide, 2nd Edition and the CCNA Routing and Switching Complete Review Guide, 2nd Edition covering the revised version 3.0 ICND1, ICND2, and CCNA Composite exams, 100-105, 200-105, and 200-125. This complete study package provides 100% coverage of all exam objectives, with expert guidance from leading Cisco networking authority Todd Lammle—guiding you through a robust overview of the CCNA exam. Practice and review with the Sybex superior set of study tools including: real-world scenarios, objective maps, assessment tests, and chapter tests. Gain hands on experience with the Sybex interactive learning environment that offers over 1,300 flashcards and practice test questions for last minute review, a searchable glossary with key terms, and a free eBook in multiple formats. The CCNA Routing and Switching exams test your understanding of IP data networks, LAN switching, IP addressing and routing, WAN technologies, network security, and more. This Complete kit covers it all to give you the information and practice you need to be confident on exam day. Master all objectives of the latest versions of exams Get hands-on practice with virtual labs Preview the exam with online practice tests

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, 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. This is the eBook version of the print title - 2 book library . Note that the eBooks do not provide access to the practice test software that accompanies the print books. 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 eBooks. 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 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. 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. Includes 26 free CCNA Network Simulator labs: ICND1 1. Configuring IP Addresses I 2. Configuring IP Addresses II 3. Connected Routes 4. Static Routes I 5. Static Routes II 6. Subnet Zero 7. Loopback Interfaces 8. Subnet ID Calculation 9. IPv4 Address Rejection 10. IPv4 Route Selection 11. Subnetting and Addressing Configuration Scenario 12. Static Routing Configuration Scenario 13. Network Discovery Troubleshooting Scenario ICND2 1. EIGRP Serial Configuration I 2. EIGRP Serial Configuration II 3. EIGRP Serial Configuration III 4. EIGRP Frame Relay Configuration I 5. EIGRP Frame Relay Configuration II 6. EIGRP Route Tuning I 7. EIGRP Route Tuning II 8. EIGRP Neighbors II 9. EIGRP Neighbors III 10. EIGRP Configuration Scenario I 11. EIGRP Configuration Scenario II 12. EIGRP Metric Manipulation Configuration Scenario 13. Path Troubleshooting Scenario CCENT and CCNA Network Simulator Lite minimum system requirements: Microsoft Windows XP (SP2/SP3), Windows Vista (32-bit/64-bit) with SP1, Windows 7 (32-bit/64-bit) or Windows 8

(32-bit/64-bit), Mac OS X 10.6, 10.7, or 10.8 Intel® Pentium® III 1GHz or faster processor (Windows) or Intel Core™ Duo 1.83GHz or faster processor (Mac) 512 MB RAM (1 GB recommended) 1.5 GB hard disk space 32-bit color depth at 1024 x 768 resolution Adobe Acrobat Reader version 8.0 or higher Other applications installed during installation: Adobe AIR 3.6.0 Captive JRE 6

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 linksFilter 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.

31 Days Before Your CCNA Routing & Switching Exam offers a friendly, practical way to understand the CCNA Routing & Switching certification process, commit to taking the ICND1 (100-105) and ICND2 (200-105) exams or the CCNA (200-125) exam, and finish your preparation using a variety of Primary and Supplemental study resources. These fully updated CCNA exams test knowledge and skills needed to successfully deploy LAN switching, IPv4 and IPv6 routing, WANs, and infrastructure services; and to secure and manage modern network infrastructure. Sign up for your exam(s) and use this book's day-by-day guide and checklist to organize, prepare, and review. Each day in this guide breaks down an exam topic into a manageable bit of information to review using short summaries. Daily Study Resources sections provide quick references for locating more in-depth treatment within Primary and Supplemental resources. This book's features help you fit exam preparation into a busy schedule:

- Visual tear-card calendar summarizing each day's study topic
- Checklist providing advice on preparation activities leading up to the exam
- Descriptions of ICND1 (100-105), ICND2 (200-105), and CCNA (200-125) exam organization and sign-up processes
- Strategies to prepare mentally, organizationally, and physically for exam day
- Conversational tone to make study more enjoyable

Are you preparing to take the Cisco 200-120 CCNA certification exam? You've studied the concepts, and now you want to review and practice to assess your knowledge, guarantee retention and easy recall of the key exam topics, and ensure your success on the actual exam. Cisco CCNA Routing and Switching 200-120 Flash Cards and Exam Practice Pack gives you two methods of review in a single package proven to enhance your exam preparation. Note that this eBook version of the print book does not contain access to the Cert Flash Cards Online application nor to the Practice Test application that come with the print product. Flash Cards Review all exam topics with more than 750 flash cards in traditional print format in the eBook. Quick Reference Guide Study with more than 190 graphical quick reference sheets that offer you a quick refresher of the key concepts for all exam objectives.

Cisco Certified Network Associate (CCNA) Routing and Switching is one of the most important certificates in order to stay up-to-date with

networking skills. This Certification Guide covers everything you need to know in order to pass the CCNA Routing and Switching 200-125. 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" 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. . Master Cisco CCNA ICND2 200-105 exam topics . Assess your knowledge with chapter-opening quizzes . Review key concepts with exam preparation tasks . Practice with realistic exam questions on the CD-ROM " "CCNA Routing and Switching ICND2 200-105 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 . 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 exam 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 300 unique practice exam questions, ICND2 Network Simulator Lite software, online practice exercises, and 55 minutes of video training. Includes Exclusive Offers for up to 70% Off Practice Tests, Video Training, and Network Simulation Software 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. Also available from Cisco Press for CCNA study is the "CCNA Routing and Switching ICND2 200-105 Official Cert Guide" "Premium Edition eBook and Practice Test." This digital-only certification preparation product combines an eBook with enhanced Pearson IT Certification Practice Test. This integrated learning package . Enables you to focus on individual topic areas or take complete, timed exams . Includes direct links from each question to detailed tutorials to help you understand the concepts behind the questions . Provides unique sets of exam-realistic practice questions . Tracks your performance and provides feedback on a module-by-module basis, 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 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"

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- 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

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The new edition of bestselling CCNA Foundation Learning Guide Library is a comprehensive foundation learning package for the latest CCNA exams. The two books contained in this package, Interconnecting Cisco Network Devices, Part 1 (ICND1) and Interconnecting Cisco Network Devices, Part 2 (ICND2), provide you with the knowledge needed to install, configure, operate, and troubleshoot medium-size route and switched networks, including implementation and verification of connections to remote sites in a WAN. The books will be fully updated to

cover the latest CCNA exam topics. 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. 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 small to medium-size Cisco networks, you will benefit from the foundation information presented in this book. CCNA Foundation Learning 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.

CCNA Routing and Switching 200-125 Official Cert Guide Library Cisco Press

Note - this version is for instructor led classroom use only. If you are looking for the self study version the ISBN for that is 978-0-7897-5088-0. Cisco CCNA Routing and Switching 200-120 Network Simulator helps students in the classroom develop and improve hands-on configuration and troubleshooting skills without the investment in expensive lab hardware. This state-of-the-art, interactive simulation software enables you to practice your networking skills with almost 400 structured labs designed to help you learn by doing, the most effective method of learning. Topics covered include router and switch navigation and administration, Ethernet LAN switches, VLANs and trunking, Spanning Tree Protocol (STP), IPv4 and IPv6 addressing and subnetting, subnet design, VLSM, route summarization, IPv4 Access Control Lists (ACL), Network Address Translation (NAT), DHCP, HSRP, GLBP, router on a stick (ROAS), operating Cisco routers, IPv4 and IPv6 routing, OSPF configuration and troubleshooting, EIGRP configuration and troubleshooting, Frame Relay, network management, SNMP, IOS licensing, and network troubleshooting. Experience realistic network device responses as you perform each lab, which include detailed instructions, topology diagrams, critical-thinking questions, hints, and answers. Working through the labs, you will quickly become proficient with all the common Cisco IOS version 15 router and switch commands on the CCNA Routing and Switching exam. Choose from almost 400 labs organized by lab type or by topic. Track your progress with the lab status indicator, and use the new search feature to search for commands and keywords. Review lab objectives and step-by-step instructions within each lab, opening hints and tips sections that help you when you get stuck. Record your observations on device performance in interactive tables. Enter answers to critical thinking questions and get instant feedback to verify your work. Access performance reports in this easy-to-navigate grade history screen, which store all your attempts on each lab. View device configuration details, lab question performance, time to complete each lab, and CLI activity for each device in every lab. Export lab results to PDF files for easy sharing. Unlike other simulators on the market, the lab scenarios included in the Cisco CCNA Routing and Switching 200-120 Network Simulator are far more complex, challenging you to learn how to perform real-world network configuration and troubleshooting tasks. Note - this version is for classroom use. The ISBN for the version for personal study is 978-0-7897-5088-0.

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