

Ccnp Route Chapter 1 Test

* *The only official, Cisco authorised self-study guide for the second most popular Cisco certification exam *

Provides complete coverage of exam objectives for the new CCNP BSCI exam #640-901 *Pre- and post-chapter quizzes help assess readers' knowledge *Companion CD-ROM enables readers to build practice exams and to focus on specific objectives areas

For preparation for the CCNP Routing exam, this set contains lab exercises that give readers the benefit of hands-on experience to apply in their exam studies. The tutorial helps CCNP candidates and newly minted CCNPs apply their newly gained theoretical knowledge into working experience.

Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide is a Cisco authorized, self-paced learning tool for CCNP preparation. This book teaches readers how to design, configure, maintain, and scale routed networks that are growing in size and complexity. The book covers all routing principles covered in the CCNP Implementing Cisco IP Routing course. As part of the Cisco Press Self-Study series, Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide provides comprehensive foundation learning for the CCNP ROUTE exam. This revision to the popular Foundation Learning Guide format for Advanced Routing at the Professional level is fully updated to include complete coverage of all routing topics covered in the new Implementing Cisco IP Routing

(ROUTE) course. The proposed book is an intermediate-level text, which assumes that readers have been exposed to beginner-level networking concepts contained in the CCNA (ICND1 and ICND2) certification curriculum. No previous exposure to the CCNP level subject matter is required, so the book provides a great deal of detail on the topics covered. Each chapter opens with a list of objectives to help focus the reader's study. Configuration exercises at the end of each chapter and a master lab exercise that ties all the topics together in the last chapter help illuminate theoretical concepts. Key terms will be highlighted and defined throughout. Each chapter will conclude with a summary to help review key concepts, as well as review questions to reinforce the reader's understanding of what was covered.

The official study guide for the Cisco(r) CCNP and CCDP(r) Routing exam Coverage of the CCNP and CCDP Routing exam topics enables you to identify and fill your knowledge gaps before the exam date. You'll learn about: Key routing information including classful and classless routing protocols, distance vector and link-state protocol operation, and the fields of the routing table Extending IP addresses using VLSMs and route summarization and configuring IP helper address to manage broadcasts Configuring OSPF in a single area and interconnecting multiple OSPF areas Configuring EIGRP, how EIGRP supports the use of VLSM and route summarization, and how EIGRP operates in an NBMA environment Configuring and implementing BGP in a

scalable network, including how BGP policy-based routing works within an autonomous system, configuring route reflectors, BGP synchronization, BGP scalability, and prefix lists Optimizing routing update operation by controlling routing update traffic, configuring route redistribution, and configuring policy-based routing

CCNP Routing Exam Certification Guide is a comprehensive study tool for the CCNP/CCDP(r) Routing exam. This exam evaluates your ability to build scalable, routed Cisco internetworks. This book covers all the major topics on the Routing exam, enabling you to master the concepts and technologies upon which you will be tested, including extending IP addresses, routing principles, scalable routing protocols, managing traffic and access, and optimizing scalable internetworks. Each chapter of CCNP Routing Exam Certification Guide focuses your study and tests your knowledge of the subjects through specially designed assessment and study features. "Do I Know This Already?" quizzes assess your knowledge and help you decide how much time you need to spend on each section within a chapter. The well-organized Foundation Topics sections detail all the exam topics you need to master. Each chapter includes a Foundation Summary section that highlights essential concepts for quick reference and study. Challenging chapter-ending review questions and exercises test your knowledge of the subject matter, reinforce key concepts, and provide you with the opportunity to apply what you've learned in the chapter. In addition, a final chapter of

scenarios pulls together concepts from all the chapters to ensure you can apply your knowledge in a real-world environment. Finally, the companion CD-ROM's robust testing engine enables you to take practice exams that mimic the real testing environment, focus on particular topic areas, randomize answers for reusability, track your progress, and refer to electronic text for review. CCNP Routing Exam Certification Guide is part of a recommended study program from Cisco Systems(r) that can include simulation and hands-on training from authorized Cisco(r) Learning Partners, hands-on experience, and self-study and exam preparation guides from Cisco Press. In order to find out more about instructor-led, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners, please visit www.cisco.com/go/training. Companion CD-ROM This companion CD-ROM contains a test bank with over 200 practice questions.

Cisco certifications are considered the most prestigious in the networking community. With a combination of easy-to-understand theory, real world explanations, and comprehensive hands-on labs, this edition is a powerful study tool for the certification exams.

CCNP Complete Study Guide

CCNA Routing and Switching ICND2 200-105 Official Cert Guide, Academic Edition

CCNP Routing and Switching ROUTE 300-101 Official Cert Guide

CCNP Routing and Switching TSHOOT 300-135 Quick

Reference

CCENT/CCNA ICND1 100-101 Official Cert Guide CCNP Exams

Here's the book you need to prepare for Cisco's Building Scalable Cisco Internetworks (BSCI) exam, 642-801. This Study Guide provides: In-depth coverage of key exam topics Practical information on designing and implementing scalable Cisco internetworks Hundreds of challenging review questions Leading-edge exam preparation software, including a test engine, and electronic flashcards Authoritative coverage of all exam objectives, including: Using classful, classless, distance vector, and link state routing protocols Using VLSM to extend IP addresses Configuring EIGRP, OSPF, BGP, and IS-IS environments Configuring and verifying router redistribution in a network Configuring policy-based routing using route maps Utilizing the three-layer hierarchical design model Identifying IP addressing schemes, including features of IPv6 Verifying OSPF operation in a single and multiple areas Ensuring proper operation of Integrated IS-IS on Cisco

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routers Interpreting the output of various show and debug commands Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Cisco Press is the official publisher for the New CCENT Certification. The New Edition of this Best-Selling Official Cert Guide includes Updated Content, New Exercises, 400 Practice Questions, and 90 Minutes of Video Training -- PLUS the CCENT Network Simulator Lite Edition with lab exercises. The CCENT Certification is now the only prerequisite for the CCNA Routing and Switching, CCNA Voice, CCNA Wireless, CCNA Security and CCDA Certifications. Cisco CCENT/CCNA ICND1 100-101 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 complete study package includes A test-preparation routine proven to help you pass the exam Do I

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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 CCENT/CCNA ICND1 100-101 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 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 This official study guide helps you master all the topics on the CCENT/CCNA ICND1 exam,

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including Networking fundamentals Ethernet LANs and switches IPv4 addressing and subnetting Operating Cisco routers Configuring OSPF ACLs and NAT IPv6 fundamentals 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. 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. Companion DVD The DVD contains more than 400 unique practice exam questions, ICND1 Network

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Simulator Lite software, and 90 minutes of video training. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test 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); 512 MB RAM; 650 MB disc space plus 50 MB for each

downloaded practice exam 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

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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. The 1 hour 14 minute presentation found at the following link was given by Wendell Odom to cover "Teaching the New CCENT ICND1 100-101 & CCNA ICND2 200-101 Exam Material." <http://bit.ly/OdomCCENTCCNA> Here's the book you need to prepare for Cisco's Building Cisco Multilayer Switched Networks (BCMSN) exam, 642-811. This Study Guide provides: In-depth coverage of key exam topics Practical information on designing and implementing multilayer switched networks Hundreds of challenging review questions Leading-edge exam preparation software, including a test engine, and electronic flashcards Authoritative coverage of all exam objectives, including: Utilizing the Enterprise Composite Model for designing networks Using the Switching Database Manager within a Catalyst switch Operating managed VLAN services on a switched network Configuring and verifying

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802.1Q and ISL trunks Configuring access ports for static and multi-VLAN membership Increasing bandwidth for interswitch connections with Fast EtherChannel and Gigabit EtherChannel Enabling Spanning Tree Protocol on ports and VLANs Converting CatOS to native IOS on Catalyst switches Implementing IP telephony in a switched network environment Planning, configuring, and implementing QOS Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

*Foundational, authorized learning for the brand-new CCNP Implementing Cisco IP Routing (ROUTE) exam from Cisco! **
**The only Cisco authorized foundational self-study book for the new CCNP ROUTE exam: developed with Learning@Cisco, designers of the exam and its companion course. *Includes review questions, chapter objectives, summaries, definitions, case studies, job aids, and command summaries. *Thoroughly introduces routed network construction, support, and scalability. CCNP Authorized Self-Study Guide: Implementing Cisco IP Routing (ROUTE)*

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is the only Cisco authorized, self-paced foundational learning tool designed to help network professionals prepare for the brand new CCNP ROUTE exam from Cisco. This book covers all CCNP ROUTE exam objectives for mastering routed network construction, support, and scalability, including:

- *Assessing complex enterprise network requirements and planning routing services.*
- *Applying standards, models and best practices to complex networks.*
- *Creating and documenting routing implementation plans.*
- *Planning, configuring, verifying, and troubleshooting EIGRP solutions.*
- *Implementing scalable OSPF multiarea network solutions.*
- *Implementing IPv4 based redistribution.*
- *Assessing, controlling, configuring, and verifying path control.*

As part of the Cisco Press Self-Study series, this revision to the popular Authorized Self-Study Guide to advanced routing has been fully updated to provide early and comprehensive foundational learning for the new CCNP ROUTE course. This text assumes that readers have been exposed to concepts covered by CCNA (ICND1 and

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ICND2), but does not assume any prior knowledge of CCNP concepts.

CCNP Routing and Switching Portable Command Guide All ROUTE (300-101) and SWITCH (300-115) Commands in One Compact, Portable Resource Preparing for the CCNP® ROUTE or CCNP SWITCH exam? Working as a network professional? Here are all the CCNP-level commands you'll need, in one handy resource. The CCNP Routing and Switching Portable Command Guide is filled with valuable, easy-to-access information, and it's portable enough to use whether you're in the server room or the equipment closet. This guide helps you memorize commands and concepts as you prepare to pass the CCNP ROUTE (300-101) or CCNP SWITCH (300-115) exams. It summarizes all CCNP certification-level Cisco IOS® Software commands, keywords, command arguments, and associated prompts, offering tips and examples for applying them in real-world environments. Throughout, configuration examples deepen your understanding of how these commands are used in actual network designs. Whenever you're researching routing or

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switching solutions, you won't find a quicker, more useful offline resource. --Logical "how-to" topic groupings inside the front and back covers provide one-stop research --Compact size makes it easy to carry with you, wherever you go --Helps you review important commands before taking the CCNP ROUTE or CCNP SWITCH certification exam --"Create Your Own Journal" appendix with blank, lined pages enables you to personalize the book for your own needs --"What Do You Want to Do?" chart inside front and back covers helps you to quickly reference specific tasks

CCNP BSCI Exam Certification Guide

CCNP Routing Exam Cram

Cisco CCENT/CCNA ICND1 100-101 Official Cert Guide, Academic Edition

CCNP Routing and Switching Quick

Reference (642-902, 642-813, 642-832)

CCNP ROUTE 642-902 Official Certification Guide

CCNP Routing and Switching Portable Command Guide

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They

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are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. Master Cisco CCNP SWITCH 300-115 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNP Routing and Switching SWITCH 300-115 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNP Routing and Switching SWITCH 300-115 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 engineer David Hucaby 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, 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 exercises, which help you drill on key concepts you must know thoroughly The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports More than 60 minutes of personal video mentoring from the author on important exam topics A final preparation

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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, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNP Routing and Switching SWITCH 300-115 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 CCNP R&S SWITCH 300-115 exam, including: Enterprise campus design Switch operation Switch port configuration VLANs, Trunks, and VLAN Trunking Protocol (VTP) Spanning Tree Protocol (STP), RSTP, and MSTP Protecting the STP topology Aggregating switch links Multilayer switching Configuring DHCP Logging switch activity and managing switches with SNMP Monitoring performance and traffic High availability Securing switched networks

The CCNP (Cisco certified network professional) program requires candidates to pass the CCNA exam and four additional exams

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- Routing, Switching, Remote Access, and Support. This text provides concise summaries of key points for each exam objectives and should provide a useful review guide.

This is the eBook version of the printed book. The eBook does not contain the practice test software that accompanies the print book. CCNP Security FIREWALL 642-617 Official Cert Guide is a best of breed Cisco exam study guide that focuses specifically on the objectives for the CCNP Security FIREWALL exam. Senior security consultants and instructors David Hucaby, Dave Garneau, and Anthony Sequeira 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. Learn, prepare, and practice for exam success Master CCNP Security FIREWALL 642-617 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks CCNP Security FIREWALL 642-617 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. Well-

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regarded for its level of detail, assessment features, 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. CCNP Security FIREWALL 642-617 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/go/authorizedtraining. The official study guide helps you master all the topics on the CCNP Security FIREWALL exam, including ASA interfaces IP connectivity ASA management Recording ASA activity Address translation Access control Proxy services Traffic inspection and handling Transparent firewall mode Virtual firewalls High availability ASA service modules 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.

Your resource to passing the Cisco CCNP BSCI Certification Exam! Join the ranks of readers

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who have trusted Exam Cram 2 to their certification preparation needs! The CCNP BSCI Exam Cram 2 (Exam 642-801) is focused on what you need to know to pass the CCNP BSCI exam. The Exam Cram 2 Method of Study provides you with a concise method to learn the exam topics. The book includes tips, exam notes, acronyms and memory joggers in order to help you pass the exam. Included in the CCNP BSCI Exam Cram 2: A tear-out "Cram Sheet" for last minute test preparation. Covers the CCNP BSCI Exam 642-801, which is a requirement for the CCNP, CCIP and CCDP certifications. The PrepLogic Practice Tests, test engine to simulate the testing environment and test your knowledge. Trust in the series that has helped many others achieve certification success - Exam Cram 2. 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 CCNP/CCIE ENCOR exam topics * Assess your knowledge with chapter-opening quizzes * Review key concepts with exam preparation tasks This is the eBook edition of the CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert Guide. This eBook does not include access to the Pearson Test Prep practice exams that comes with the print edition. CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert

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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. CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert Guide focuses specifically on the objectives for the Cisco CCNP/CCIE ENCOR 350-401 exam. Networking experts Brad Edgeworth, Ramiro Garza Rios, Dave Hucaby, and Jason Gooley 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. 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 exercises, which help you drill on key concepts you must know thoroughly
- * Practice exercises that help you enhance 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

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organize and optimize your study time 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 CCNP/CCIE ENCOR exam, including * Enterprise network architecture * Virtualization * Network assurance * Security * Automation

Exam 642-811

CCNP Routing and Switching Official Certification Library

Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide

Troubleshooting

CCNP Guide to Advanced Cisco Routing

Exam 350-401

&>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 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 CCNP ROUTE 300-101 exam topics --Assess your knowledge with chapter-opening quizzes --Review key concepts with exam preparation tasks This is the eBook edition of the CCNP Routing and Switching ROUTE 300-101 Official Cert Guide. This eBook does not include the companion CD-ROM with

practice exam that comes with the print edition. CCNP Routing and Switching ROUTE 300-101 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 instructor and best-selling author Kevin Wallace 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, 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 exercises, which help you drill on key concepts you must know thoroughly --The powerful Pearson IT Certification Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports --More than 60 minutes of personal video mentoring from the author on important exam topics --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, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNP Routing and Switching ROUTE 300-101 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 CCNP R&S ROUTE 300-101 exam, including

- Routing protocol characteristics and virtual routers***
- Remote site connectivity***
- IPv6 routing and RIPng***
- EIGRP, OSPFv2, and OSPFv3***
- IGP redistribution and route selection***
- eBGP and iBGP***
- IPv6 Internet connectivity***
- Router security***
- Routing protocol authentication***

Master the CCNP® ROUTE 642-902 exam with this official study guide Assess your knowledge with chapter-opening quizzes Review key concepts with Exam Preparation Tasks Practice with realistic exam questions on the CD-ROM CCNP ROUTE 642-902 Official Certification Guide is a best of breed

Cisco® exam study guide that focuses specifically on the objectives for the CCNP® ROUTE exam. Senior instructor and 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. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. CCNP ROUTE 642-902 Official Certification 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 allow you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks sections help drill you on key concepts you must know thoroughly. The companion CD-ROM contains a powerful testing engine that allows you to focus on individual topic areas or take complete, timed exams. The assessment engine also tracks your performance and provides feedback on a module-by-module basis, laying out a complete study plan for review. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, this official

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Wendell Odom, CCIE® No. 1624, is a 28-year veteran of the networking industry. He currently works as an independent author of Cisco certification resources and occasional instructor of Cisco authorized training for Skyline ATS. He has worked as a network engineer, consultant, systems engineer, instructor, and course developer. He is the author of several best-selling Cisco certification titles. He maintains lists of current titles, links to Wendell's blogs, and other certification resources at www.TheCertZone.com. This official study guide helps you master all the topics on the CCNP ROUTE exam, including: Network design, implementation, and verification plans EIGRP OSPF IGP Redistribution Policy-based routing and IP service-level

agreement (IP SLA) BGP IPv6 IPv4 and IPv6 coexistence Routing over branch Internet connections This volume is part of the Official Certification 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 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. 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.

Assess your knowledge with chapter-opening quizzes Review key concepts with Exam Preparation Tasks CCNP ROUTE 642-902 Official Certification Guide is a best of breed Cisco® exam study guide that focuses specifically on the objectives for the CCNP® ROUTE exam. Senior instructor and 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. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. CCNP ROUTE 642-902 Official Certification 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 allow you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks sections help drill you on key concepts you must know thoroughly. Well-regarded for its level of detail, assessment features, 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. CCNP ROUTE 642-902 Official Certification 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/go/authorizedtraining

Wendell Odom, CCIE® No. 1624, is a 28-year veteran of the networking industry. He currently works as an independent author of Cisco certification resources and occasional instructor of Cisco authorized training for Skyline ATS. He has worked as a network engineer, consultant, systems engineer, instructor, and course developer. He is the author of several best-selling Cisco certification titles. He maintains lists of current titles, links to Wendell's blogs, and other certification resources at www.TheCertZone.com. This official study guide helps you master all the topics on the CCNP ROUTE exam, including: Network design, implementation, and verification plans EIGRP OSPF IGP Redistribution Policy-based routing and IP service-level agreement (IP SLA) BGP IPv6 IPv4 and IPv6 coexistence Routing over branch Internet connections This volume is part of the Official Certification 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.

CCNP Routing and Switching Foundation Learning Library: ROUTE¿300-101, SWITCH

300-115, TSHOOT 300-135 contains three books that provide early and comprehensive foundation learning for the three new required exams for CCNP certification: **Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide: (CCNP ROUTE 300-101) Implementing Cisco IP Switched Networks (SWITCH) Foundation Learning Guide: (CCNP SWITCH 300-115) Troubleshooting and Maintaining Cisco IP Networks (TSHOOT) Foundation Learning Guide: (CCNP TSHOOT 300-135)** This package is a comprehensive self-study tool for learning the material covered in the three new CCNP exams. The books are intermediate-level texts that assume that readers have been exposed to beginner-level networking concepts contained in the CCNA (ICND1 and ICND2) certification curriculum. No previous exposure to the CCNP level subject matter is required, so the books provide a great deal of detail on the topics covered. Within the Authorized Self-Study Guide series, each chapter opens with a list of objectives to help focus the reader's study. Real-world case studies sprinkled throughout help illuminate theoretical concepts. Key terms will be highlighted and defined as they are first used. Each chapter will conclude with a summary to help review key concepts, as

well as review questions to reinforce the reader's understanding of what was covered.

CCNP: Cisco Internetwork Troubleshooting Study Guide

Exam 38 Cert Guide

CCNA Routing and Switching 200-120

Official Cert Guide Library

CCNP Route 642-902 Official Certification Guide

Exams 642-801, 642-811, 642-821, 642-831

CCNP Routing and Switching SWITCH 300-115 Official Cert Guide

Learn, prepare, and practice for CompTIA Network+ N10-005 exam success with this CompTIA Authorized Cert Guide from Pearson IT Certification, a leader in IT Certification learning and a CompTIA Authorized Platinum Partner. Master Network+ exam topics Assess your knowledge with chapter-ending quizzes Review key concepts with exam preparation tasks Practice with realistic exam questions on the DVD Limited Time Offer: Buy CompTIA Network+ N10-005 Authorized Cert Guide and receive a 10% off discount code for the CompTIA Network+ N10-005 exam. To receive your 10% off discount code: 1. Register your product at pearsonITcertification.com/register 2. Follow the instructions 3. Go to your Account page and

click on "Access Bonus Content" CompTIA Network+ N10-005 Authorized Cert Guide is a best-of-breed exam study guide. Best-selling author and expert instructor Kevin Wallace shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The companion DVD contains 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. The DVD also contains more than two hours of personal video mentoring from the author. Well-

regarded for its level of detail, assessment features, and challenging review questions and exercises, this authorized study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The authorized study guide helps you master all the topics on the Network+ exam, including: Computer networks and the OSI model Network components Ethernet IP addressing Routing traffic Wide Area Networks (WANs) Wireless LANs Network performance Command-line utilities Network management Network security Troubleshooting

Kevin Wallace, CCIE No. 7945, is one of the most prolific and best-selling authors in the networking industry. He is a certified Cisco instructor, and he holds multiple certifications including CCNP, CCNP Voice, CCNP Security, and CCDP, in addition to multiple security and voice specializations. With networking experience dating back to 1989 (and computer experience dating back to 1982), Kevin is a Senior Technical Instructor for SkillSoft. Kevin has been a network design specialist for the Walt Disney World Resort and a network manager for Eastern Kentucky University.

Companion DVD The DVD contains two free, complete practice exams and more than two hours of video training. Includes Exclusive

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Offer for 70% Off Premium Edition eBook and Practice Test Pearson IT Certification Practice Test minimum system requirements: Windows XP (SP3), Windows Vista (SP2), or Windows 7; Microsoft .NET Framework 4.0 Client; Pentium class 1GHz processor (or equivalent); 512 MB RAM; 650 MB disc space plus 50 MB for each downloaded practice exam Shelving Category: CompTIA Certification Covers: Network+ N10-005

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

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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

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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

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.

Prepare for the CCNP 642-801 BSCI exam with the only Cisco Systems authorized self-study preparation book. Master advanced routing techniques and practices, and prepare for the new exam with the 200-plus question testing engine on CD-ROM.

The practical and conceptual knowledge you need to attain CCNP Enterprise certification From one of the most trusted study guide publishers comes CCNP Enterprise Certification Study Guide: Exam 350-401. This guide helps you develop practical knowledge and best practices for critical aspects of

enterprise infrastructure so you can gain your CCNP Enterprise certification. If you're hoping to attain a broader range of skills and a solid understanding of Cisco technology, this guide will also provide fundamental concepts for learning how to implement and operate Cisco enterprise network core technologies. By focusing on real-world skills, each chapter prepares you with the knowledge you need to excel in your current role and beyond. It covers emerging and industry-specific topics, such as SD-WAN, network design, wireless, and automation. This practical guide also includes lessons on: Automation Network assurance Security Enterprise infrastructure Dual-stack architecture Virtualization In addition to helping you gain enterprise knowledge, this study guide can lead you toward your Cisco specialist certification. When you purchase this guide, you get access to the information you need to prepare yourself for advances in technology and new applications, as well as online study tools such as: Bonus practice exams Pre-made flashcards Glossary of key terms Specific focus areas Expand your skillset and take your career to the next level with CCNP Enterprise Certification Study Guide.

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CompTIA Network+ N10-005 Authorized Cert Guide

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Foundation Learning for the ROUTE 642-902 Exam

Routing

CCNP BSCI Exam Certification Guide (CCNP Self-Study)

Cisco CCNP Routing Exam Certification Guide Cisco Systems

Prepares the reader to pass the new CCNP Routing exam (640-503). Instructs the reader on ways to configure the Cisco IOS software for scalable operation in large or growing multiprotocol internetworks.

Contains exclusive tear-out cram sheet with tips, acronyms, and memory-joggers (mnemonics) to improve recall immediately before the exam. Includes sections on proven test-taking strategies, warnings on trick questions, time-saving study tips, multiple-part question strategies, and shortcuts.

Gain hands-on experience of CCNP Troubleshooting topics with lab scenarios aligned to the CIT course Whether you are seeking practical knowledge to enhance your preparation for the CCNP

Troubleshooting exam or you are looking for hands-on experience, CCNP Practical Studies: Troubleshooting (CCNP Self-Study) has what you need to take your skills to the next level. Real-world practice labs for all topics included in the CCNP Troubleshooting exam complement theoretical study materials Guides show

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you how to set up a test lab Lab scenarios enable readers to test their ability to independently complete a lab Comprehensive appendix lists Cisco equipment resellers CCNP Practical Studies: Troubleshooting (CCNP Self-Study) prepares readers for the CCNP Support exam and real-world application of LAN and WAN technologies through a series of lab scenarios. A guide to gaining hands-on experience, this title can serve as a valuable self-study element in a CCNP candidate's preparation. Each chapter includes a review of the applicable technology along with one or more real-world trouble tickets that are delivered through screen shots of relevant troubleshooting commands. Screen shots emphasize important concepts and trouble spots as required. Chapters suggest additional references such as utilities, Web sites, and/or supplemental reading. Each chapter addresses a section of the CCNP Troubleshooting exam, including standards and protocols; troubleshooting tools; supporting IP and IPX; supporting Ethernet, switches, and VLANs; and supporting WANs using Frame Relay, HDLC, PPP, ISDN, and Dial Backup. 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 200-301 exam topics · Assess your knowledge with chapter-opening quizzes · Review key concepts with exam preparation tasks · Practice with realistic exam questions in the practice

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test software This is the eBook edition of the CCNA 200-301 Official Cert Guide, Volume 1. This eBook, combined with the CCNA 200-301 Official Cert Guide Volume 2, cover all of exam topics on the CCNA 200-301 exam. This eBook does not include the practice exams that comes with the print edition. CCNA 200-301 Official Cert Guide , Volume 1 presents you with an organized test-preparation routine using 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 1 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 · 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

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Volume 1 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. The CCNA 200-301 Official Cert Guide, Volume 1, combined with CCNA 200-301 Official Cert Guide, Volume 2, walk you through all the exam topics found in the Cisco 200-301 exam. Topics covered in Volume 1 include: · Networking fundamentals · Implementing Ethernet LANs · Implementing VLANs and STP · IPv4 addressing · IPv4 routing · OSPF · IPv6 · Wireless LANs Companion Website: The companion website contains the CCNA Network Simulator Lite software, online practice exercises, study resources, and 90 minutes of video training. 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

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CCNA 200-301 Network Simulator Lite, Volume 1 software included for free on the companion website that accompanies this book. This software, which simulates the experience of working on actual Cisco routers and switches, contains the following 21 free lab exercises, covering topics in Part II and Part III, the first hands-on configuration sections of the book: 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 Pearson Test Prep online system requirements: Browsers: Chrome version 73 and above; Safari version 12 and above; Microsoft Edge 44 and above Devices: Desktop and laptop computers, tablets running on Android v8.0 and iOS v13, smartphones with a minimum screen size of 4.7". Internet access required Pearson Test Prep offline system requirements: Windows 10, Windows 8.1; 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

This guide covers the required criteria needed to pass the new Cisco CCNP Routing Exam. It provides readers with the necessary hands-on and lab practice necessary to not only pass the exam but also to take what is needed into the real world. CD-ROM insures readers have the most current study material available.

CCNP: Building Cisco MultiLayer Switched Networks Study Guide

CCNA Routing and Switching ICND2 200-101 Official Cert Guide

CCNA Routing and Switching Portable Command Guide CCNP

CCNP Self-study

Exam 39 Cert Guide

Normal 0 false false false EN-US X-NONE X-NONE CCNP Routing and Switching TSHOOT 300-135 Quick Reference provides a concise review of the objectives on the CCNP TSHOOT exam. This eBook provides you with detailed exam topic summaries, highlighting only the key topics in cram-style format, guaranteeing retention and easy recall of the key exam topics and ensuring your success on exam day. With this document as your guide, you will review the following topics: --Troubleshooting methodology --Best practices for routine maintenance --Troubleshooting tools --Troubleshooting switching technologies, including hardware, VLANs, STP, SVIs, trunking and EtherChannel, and port security --Troubleshooting IP networking, including IP address assignment, NTP, Syslog, SNMP, gateway redundancy, and NAT --Troubleshooting OSPF, EIGRP, and BGP routing protocols --Network layer connectivity, router performance, and route redistribution

This fact-filled Quick Reference enables you to get all-important information at a glance, helping you focus your study on areas of weakness and enhance memory retention of essential exam concepts.

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 CCNP TSHOOT 300-135 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNP Routing and Switching TSHOOT 300-135 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNP Routing and Switching TSHOOT 300-115 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 instructor Raymond Lacoste 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, 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 exercises, which help you drill on key concepts you must know thoroughly A trouble ticket chapter that explores 10 additional network failures and the approaches you can take to resolve the issues presented 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, this official study guide helps you master the concepts and techniques that ensure your exam success. CCNP Routing and Switching TSHOOT 300-115 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 CCNP R&S TSHOOT 300-135 exam, including how to troubleshoot: Device performance VLANs, Trunks, and VTP STP and Layer 2 Etherchannel Inter-VLAN routing and Layer 3 Etherchannel Switch security HSRP, VRRP, GLBP IPv4 and IPv6 addressing IPv4/IPv6 routing and GRE tunnels RIPv2, RIPng, EIGRP, and OSPF Route maps, policy-based routing, and route redistribution BGP Management protocols, tools, and access Here's the book you need to prepare the latest Cisco Internetwork Troubleshooting Support (CIT) exam, 642-831. This Study Guide provides: In-depth coverage of key exam topics Practical information on troubleshooting and optimizing Cisco internetworks 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: Establishing an optimal system baseline Diagramming and documenting system topology

and end system configuration Verifying connectivity at all layers Selecting an optimal troubleshooting approach Planning a network documentation system and baseline monitoring scheme Using Cisco IOS commands and applications to identify and isolate system problems Resolving sub-optimal system performance problems Restoring optimal baseline service Working with external providers and system users to resolve service provision problems Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Cisco Press is the official publisher for the New CCNA Routing and Switching Certification. The New Edition of this Best-Selling Official Cert Guide includes Updated Content, New Exercises, Enhanced Practice Exams, 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 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 200-101 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. Companion DVD The DVD contains more than 350 unique practice exam questions, two complete ICND2 practice exams and two full CCNA practice exams, ICND2 Network Simulator Lite software, and 60 minutes of video training. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test 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); 512 MB RAM; 650 MB disc space plus 50 MB for each downloaded practice exam. 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. The 1 hour 14 minute presentation found at the following link was given by Wendell Odom to cover "Teaching the New CCENT ICND1 100-101 & CCNA ICND2 200-101 Exam Material."
<http://bit.ly/OdomCCENTCCNA> Master CCNP exam topics with the official study guides Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Practice with realistic exam questions on the CD-ROMs CCNP Routing and Switching Official Certification Library is a comprehensive review and practice package for the three CCNP Routing and Switching exams: ROUTE, SWITCH, and TSHOOT. The three books contained in this package, CCNP ROUTE 642-902 Official Certification Guide, CCNP SWITCH 642-813 Official Certification Guide, and CCNP TSHOOT 642-832 Official Certification Guide, present complete reviews and ample opportunity to test your

knowledge of CCNP Routing and Switching exam topics. These authorized CCNP Routing and Switching study guides are written by CCIE certified experts, bringing years of teaching and consulting experience together in an ideal test preparation format. CCNP ROUTE 642-902 Official Certification Guide teaches you how to use advanced IP addressing and routing to implement enterprise-level router networks connected to LANs and WANs. CCNP SWITCH 642-813 Official Certification Guide ensures that you have the skills necessary to implement scalable, multilayer switched networks. CCNP TSHOOT 642-832 Official Certification Guide helps you master the troubleshooting methodologies, tools, and tasks needed to effectively monitor and maintain large enterprise networks. Each of these official study guides provides 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 sections help you drill on key concepts you must know thoroughly. The companion CD-ROMs contains a powerful testing engine that enables you to focus on individual topic areas or take complete, timed exams. The assessment engine also tracks your performance and provides feedback on a module-by-module basis, laying out a complete study plan for review. Well regarded for their 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 exams the first time. CCNP Routing and

Switching Certification 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. 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. These official certification guides help you master all the topics on the three CCNP Routing and Switching exams: ROUTE: EIGRP and OSPF IGP Redistribution and BGP Policy-based routing and IP service level agreement (IP SLA) IPv6 and IPv4/IPv6 coexistence Routing over branch Internet connections SWITCH: VLANs, trunks, VTP, and STP Aggregating switch links Multilayer switching Router and supervisor redundancy IP telephony, wireless LANs, and security TSHOOT: Troubleshooting models, tools, and tasks Cisco IOS troubleshooting commands and features Troubleshooting Cisco Catalyst Switches and STP Troubleshooting OSPF, EIGRP, BGP, and route redistribution Security, IP Services, IP communications, and IPv6 troubleshooting Large enterprise network troubleshooting Companion CD-ROMS The three companion CD-ROMs contain 300 practice questions developed by Cisco Press for the CCNP Routing and Switching exams and delivered by the Boson Exam Environment (BEE). Boson's ExSim-Max premium practice exams available at www.boson.com This library is part of the Certification 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. Covers: ROUTE exam 642-902, SWITCH exam 642-813, TSHOOT exam 642-832
Cisco CCNP Routing Exam Certification Guide
CCNA 200-301 Official Cert Guide, Volume 1
(ccnp Route 300-101)*

*CCNP Enterprise Advanced Routing ENARSI 300-410
Official Cert Guide
Exam 37 Cert Guide
Exam 642-801*

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

As a final preparation tool providing a review of CCNP exam topics, the CCNP Quick Reference 2/e complements official Cisco curriculum, other books, or other exam preparatory material in a candidates preparation for the four CCNP exams. This concise guide provides you with detailed, graphical-based information, highlighting only the key topics on the latest CCNP exams in a review-style format. This fact-filled Quick Reference allows you to get all-important information at a glance, helping you to focus your study on areas of weakness and to enhance memory retention of important concepts. This book provides a comprehensive final review for

candidates taking any of the CCNP exams. It steps through exam objectives one-by-one, providing concise and accurate review for all topics. Using this book, you will be able to easily and effectively review test objectives without having to wade through numerous books and documents for relevant content for final review.

Covers Cisco routing technology and concepts and is designed to offer preparation for the CCNP Exam. 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

The Most Comprehensive and Current CCNP Self-Study Solution on the Market! Here's the comprehensive and economical self-study solution that will provide you with the knowledge and skills needed to approach the CCNP exams with confidence. This Study Guide was developed to meet the exacting requirements of today's certification candidates. In addition to the consistent and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification study guides, this book provides: Clear and concise information on configuring and managing Cisco internetworks Practical examples and insights drawn from real-world experience Leading-edge exam preparation software, including a testing engine and electronic

flashcards And of course, you'll find in-depth coverage of all official objectives for all four exams required for the CCNP: 642-801: Building Scalable Cisco Internetworks 642-811: Building Cisco Multilayer Switched Networks 642-821: Building Cisco Remote Access Networks 642-831: Cisco Internetwork Troubleshooting Support CCNP and CCIE Enterprise Core ENCOR 350-401 Official Cert Guide CCNP: Building Scalable Cisco Internetworks Study Guide CCNP Enterprise Certification Study Guide: Implementing and Operating Cisco Enterprise Network Core Technologies CCNP Routing and Switching TSHOOT 300-135 Official Cert Guide CCNP Routing and Switching Foundation Learning Guide Library Cisco CCNA Routing and Switching ICND2 200-101 Official Cert Guide

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Enterprise Advanced Routing ENARSI 300-410 Official Cert Guide. This eBook does not include access to the Pearson Test Prep practice exams that comes with the print edition. CCNP Enterprise Advanced Routing ENARSI 300-410 Official Cert Guide from Cisco Press allows you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Expert authors Raymond Lacoste and Brad Edgeworth 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 study package includes A test-preparation routine proven to help you pass the exams Do I Know This Already? quizzes, which allow you to decide how much time you need to spend on each section Chapter-ending exercises, which help you drill on key concepts you must know thoroughly Practice exercises that help you enhance your knowledge 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 Well regarded for its level of detail, study plans,

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assessment features, and challenging review questions and exercises, 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 CCNP Enterprise Advanced Routing ENARSI exam, including Layer 3 technologies, including IPv4/IPv6 routing, EIGRP, OSPF, and BGP VPN services, including MPLS Layer 3 VPNs and DMVPN Infrastructure security, including ACLs, AAA, uRPF, CoPP, and IPv6 first hop security features Infrastructure services, including syslog, SNMP, IP SLA, Object Tracking, NetFlow, Flexible NetFlow, and more
Exam 642-831

CCNP Practical Studies

(ROUTE 300-101, SWITCH 300-115, TSHOOT 300-135)

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