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# Get Free Ccnp Route 642 902 Official Certification Guide

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## **CCNP ROUTE 642-902 OFFICIAL CERTIFICATION GUIDE**

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*Cisco Press* **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 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](http://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](http://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.

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## **CCNP ROUTE 642-902 OFFICIAL CERTIFICATION GUIDE**

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*Pearson Education India* 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 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](http://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](http://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 (I...

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## **IMPLEMENTING CISCO IP ROUTING (ROUTE) FOUNDATION LEARNING GUIDE**

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### **FOUNDATION LEARNING FOR THE ROUTE 642-902 EXAM**

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

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## **CCNP ROUTE 642-902 OFFICIAL CERTIFICATION GUIDE**

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### **CCNP ROUTING AND SWITCHING ROUTE 300-101 OFFICIAL CERT GUIDE**

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#### **EXAM 37 CERT GUIDE**

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*Cisco Press* 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](http://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

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## **CCIE ROUTING AND SWITCHING CERTIFICATION GUIDE**

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*Pearson Education* Master CCIE Routing and Switching 4.0 blueprint 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 CCIE Routing and Switching Certification Guide, Fourth Edition, is a best-of-breed Cisco® exam study guide that focuses specifically on the objectives for the CCIE® Routing and Switching written exam. Well-respected networking professionals Wendell Odom, Rus Healy, and Denise Donohue 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. CCIE Routing and Switching Certification Guide, Fourth Edition, 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, presenting question-by-question remediation to the text and 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 study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. CCIE Routing and Switching Certification Guide, Fourth Edition, 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](http://www.cisco.com/go/authorizedtraining). The official study guide helps you master all the topics on the CCIE Routing and Switching written exam, including: Bridging and LAN switching IP addressing, IP services, TCP, UDP, and application protocol details Layer 3 forwarding concepts EIGRP, OSPF, and BGP routing protocols Quality of service Frame Relay MPLS IP multicast IPv6 Router and switch security Troubleshooting

**Companion CD-ROM** The CD-ROM contains 200 practice questions for the exam. This volume 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. Category: Cisco Press-Cisco Certification Covers: CCIE Routing and Switching written exam 350-001 v4.0

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## **CCNP ROUTING AND SWITCHING OFFICIAL CERTIFICATION LIBRARY**

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*Pearson Education* 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 helps 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](http://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](http://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

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## CCNP SWITCH 642-813 OFFICIAL CERTIFICATION GUIDE

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*Cisco Press* 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. Master the CCNP® SWITCH 642-813 exam with this official study guide Assess your knowledge with chapter-opening quizzes Review key concepts with Exam Preparation Tasks CCNP SWITCH 642-813 Official Certification Guide is a best-of-breed Cisco® exam study guide that focuses specifically on the objectives for the CCNP® SWITCH exam. Network architect and best-selling author Dave Hucaby 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 SWITCH 642-813 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. The complete exam topic list makes referencing easy. Chapter-ending Exam Preparation Tasks sections help drill you on key concepts and commands 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 SWITCH 642-813 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](http://www.cisco.com/go/authorizedtraining). This official study guide helps you master all the topics on the CCNP SWITCH exam, including Network design, implementation, and verification plans Switch operation and port configuration VLANs, trunks, and VLAN Trunking Protocol (VTP) Aggregating switch links Spanning Tree Protocol (STP) Multilayer switching Enterprise campus network design Router and supervisor redundancy IP telephony Wireless LANs Switched network security 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.

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## **CISCO CCNP ROUTE SIMPLIFIED**

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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.

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## **CCNP ROUTE 642-902 QUICK REFERENCE**

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*Pearson Education* As a final exam preparation tool, the CCNP ROUTE 642-902 Quick Reference provides a concise review of all objectives on the new CCNP ROUTE exam (642-902). This eBook provides you with detailed, graphical-based information, highlighting only the key topics in cram-style format. With this document as your guide, you will review topics on planning routing services, EIGRP, OSPF, BGP, IPv4 redistribution, IPv6, path control, policy based routing, and basic teleworker and branch services. 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 essential exam concepts.

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## **CCENT/CCNA ICND1 OFFICIAL EXAM CERTIFICATION GUIDE**

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*Pearson Deutschland GmbH* An official, self-paced test exam covers the objectives of the new CCNA INTRO exam in a modular format and provides customizable test banks, score and history reporting, review questions, scenario-based exercises, and network simulation software on the companion CD-ROM. Original. (Intermediate)

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## **CCNA 200-301 OFFICIAL CERT GUIDE, VOLUME 1**

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*Cisco Press* 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 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 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 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

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## **CISCO CCNA ROUTING AND SWITCHING 200-120 OFFICIAL CERT GUIDE LIBRARY**

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

contain two ICND1 practice exams, two ICND2 practice exams, four full CCNA practice exams, CCENT and CCNA Network Simulator Lite software, and 150 minutes of video training.

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### **CCENT/CCNA ICND1 640-822 OFFICIAL CERT GUIDE**

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*Cisco Press* 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 Network Simulator Lite and personal video mentoring is available through product registration at Cisco Press - or see instructions in back pages of your eBook. The new edition of bestselling CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition by Wendell Odom has been updated to refresh the content, add new exercises, and enhance certain topics that are key to understanding for success on the CCENT and CCNA exams. The IP addressing topics have been rewritten and re-organized to mirror proven techniques to learn both the concepts and the specific pieces of the subnetting puzzle. In addition, the TCP/IP and OSI Networking Models chapter was also completely updated and rewritten. Learn, prepare, and practice for exam success Master CCENT/CCNA ICND1 exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Learn from 60 minutes of Video mentoring Apply concepts within Network Simulator lab exercises CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition is a best of breed Cisco exam study guide. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. The book presents you with an organized test preparation routine through the use of proven series elements and techniques. The master table of exam topics makes referencing easy. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. A final preparation chapter guides you through tools and resources to help you craft your final study plan. Special troubleshooting sections help you master the complex scenarios you will face on the exam.

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### **CISCO CCENT/CCNA ICND1 100-101 OFFICIAL CERT GUIDE, ACADEMIC EDITION**

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*Pearson Education* &>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

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**CISCO CCNA ROUTING AND SWITCHING ICND 200-101**

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**OFFICIAL CERT GUIDE**

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*Pearson Education 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.

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## **CCNA ICND2 640-816 OFFICIAL CERT GUIDE**

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

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## **CCNP SWITCH LAB MANUAL**

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The only authorized Lab Manual for the Cisco Networking Academy CCNP Version 7 SWITCH course A CCNP certification equips students with the knowledge and skills needed to plan, implement, secure, maintain, and troubleshoot converged enterprise networks. The CCNP certification requires candidates to pass three 120-minute exams-ROUTE 300-101, SWITCH 300-115, TSHOOT 300-135-that validate the key competencies of network engineers. The Cisco

Networking Academy curriculum consists of three experience-oriented courses that employ industry-relevant instructional approaches to prepare students for professional-level jobs: CCNP ROUTE: Implementing IP Routing, CCNP SWITCH: Implementing IP Switching, and CCNP TSHOOT: Maintaining and Troubleshooting IP Networks. This course teaches students how to implement, monitor, and maintain switching in converged enterprise campus networks. Students will learn how to plan, configure, and verify the implementation of complex enterprise switching solutions. The course also covers the secure integration of VLANs, WLANs, voice, and video into campus networks. Comprehensive labs emphasize hands-on learning and practice to reinforce configuration skills. The 15 comprehensive labs in this manual emphasize hands-on learning and practice to reinforce configuration skills.

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## **CCNP AND CCIE ENTERPRISE CORE ENCOR 350-401 OFFICIAL CERT GUIDE**

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*Cisco Press* 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 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



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

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## **CCNA ROUTING AND SWITCHING ICND2 200-101 OFFICIAL CERT GUIDE**

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*Cisco Press* 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.

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## **CCNP AND CCIE DATA CENTER CORE DCCOR 350-601 OFFICIAL CERT GUIDE**

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### **IMPLEMENTING AND OPERATING CISCO DATA CENTER CORE TECHNOLOGIES**

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*Cisco Press* 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 is available through product registration at Cisco Press; or see the instructions in the back pages of your eBook. Learn, prepare, and practice for CCNP/CCIE Data Center Core DCCOR 350-601 exam success with this Cert Guide from Cisco Press, a leader in IT certification learning and the only self-study resource approved by Cisco. · Master CCNP/CCIE Data Center Core DCCOR 350-601 exam topics · Assess your knowledge with chapter-ending quizzes · Review key concepts with exam preparation tasks · Learn from more than two hours of video mentoring CCNP and CCIE Data Center Core DCCOR 350-601 Official Cert Guide is a best-of-breed exam study guide. Expert authors Somit Maloo and Firas Ahmed share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The book presents you with an organized test-preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. Review questions help you assess your knowledge, and a final preparation chapter guides you through tools and resources to help you craft your final study plan. The

book also contains more than two hours of personal video mentoring from the Pearson IT Certification Complete Video Course. Go to the back pages of your eBook for instructions on how to access the personal video mentoring content. Well regarded for its level of detail, assessment features, and challenging review questions and exercises, this study guide helps you master the concepts and techniques that will help you succeed on the exam the first time. This official study guide helps you master all the topics on the CCNP/CCIE Data Center Core DCCOR 350-601 exam, including · Network · Compute · Storage Network · Automation · Security

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### **CCNA 640-802 OFFICIAL CERT LIBRARY, UPDATED**

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*Cisco Press* New Edition of Best Selling Official Cert Guide: Updated Content, New Exercises, and Expanded Coverage -- PLUS includes CCNA Network Simulator Lite Edition with 21 free CCNA Network Simulator Labs This is the eBook version of the print title. The eBook edition does not provide access to the DVDs that accompany the print books. ¿ The new edition of bestselling CCNA 640-802 Cert Library, Updated Third Edition by Wendell Odom is a comprehensive review and practice package for the latest CCNA exams. The two books contained in this package, CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition, and CCNA ICND2 640-816 Official Cert Guide, Third Edition, present complete reviews and a more challenging and realistic preparation experience. The books have been refreshed to provide updated coverage of critical exam topics such as IP addressing, subnetting, TCP/IP and OSI networking models,¿VLSM, route summarization, and IP access control lists. ¿ Learn, prepare, and practice for exam success Master all CCNA 640-802 exam topics with the official study guides Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks Learn from 60 minutes of video mentoring Apply concepts within Networking Simulator lab exercises Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. The books present you with an organized test preparation routine through the use of proven series elements and techniques. “Do I Know This Already?” quizzes open each chapter and enable you to decide how much time you need to spend on each section. The master tables of exam topics makes referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. A final preparation chapter guides you through tools and resources to help you craft your final study plan. Special troubleshooting sections help you master the complex scenarios you will face on the exam. Well-regarded for its level of detail, assessment features, and challenging review questions and exercises, these official study guides help you master the concepts and techniques that will enable you to succeed on the exam the first time. ¿ Wendell Odom, CCIE No. 1624, is the most respected author of Cisco

networking books in the world. His past titles include books on the entry-level Cisco certifications (CCENT and CCNA), the more advanced CCNP, and the industry-renowned CCIE. His books are known for their technical depth and accuracy. Wendell has worked as a network engineer, consultant, instructor, course developer, and book author, and he has produced videos, software, and blogs related to Cisco certifications. His website with links to various study tools and resources is at [www.certskills.com](http://www.certskills.com). ¿ These official study guides help you master all the topics on the CCNA exams, including: TCP/IP and OSI networking models Operating Cisco routers and LAN switches Ethernet switch configuration and troubleshooting Virtual LANs and Spanning Tree Protocol Wireless LANs IP addressing and subnetting Routing protocols Router configuration and troubleshooting Static and connected routes VLSM and route summarization IP access control lists OSPF and EIGRP configuration WAN configuration and troubleshooting Frame Relay Network Security and VPNs NAT IPv6 Troubleshooting¿ Includes CCENT/CCNA ICND1 640-822 Official Cert Guide, Third Edition and CCNA ICND2 640-816 Official Cert Guide, Third Edition ¿ This volume is part of the Official Cert Guide Series from Cisco Press. Books in this series provide officially developed exam preparation materials that offer assessment, review, and practice to help Cisco Career Certification candidates identify weaknesses, concentrate their study efforts, and enhance their confidence as exam day nears. ¿

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## **CCNA ROUTING AND SWITCHING 200-120 OFFICIAL CERT GUIDE LIBRARY**

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*Cisco Press* 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

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## **CCNA ICND2 640-816 OFFICIAL CERT GUIDE**

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

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## **CCENT/CCNA ICND1 100-105 OFFICIAL CERT GUIDE, ACADEMIC EDITION**

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### **CISCO CCENT/CCNA ICND1 OCG ACA**

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*Cisco Press* 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

**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

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## **ROUTING TCP/IP, VOLUME II**

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### **CCIE PROFESSIONAL DEVELOPMENT**

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*Cisco Press Routing TCP/IP, Volume II: CCIE Professional Development, Second Edition* The definitive guide to Cisco exterior routing protocols and advanced IP routing issues—now completely updated Praised in its first edition for its readability, breadth, and depth, *Routing TCP/IP, Volume II, Second Edition* will help you thoroughly understand modern exterior routing protocols and implement them with Cisco routers. Best-selling author Jeff Doyle offers crucial knowledge for every network professional who must manage routers to support growth and change. You'll find configuration and troubleshooting lessons that would cost thousands to learn in a classroom, plus up-to-date case studies, examples, exercises, and solutions. *Routing TCP/IP, Volume II, Second Edition* covers routing and switching techniques that form the foundation of all Cisco CCIE tracks. Its expert content and CCIE structured review makes it invaluable for anyone pursuing this elite credential. While its examples focus on Cisco IOS, the book illuminates concepts that are fundamental to virtually all modern networks and routing platforms. Therefore, it serves as an exceptionally practical reference for network designers, administrators, and engineers in any environment.

- Review core inter-domain routing concepts, and discover how exterior routing protocols have evolved
- Master BGP's modern



operational components · Effectively configure and troubleshoot BGP · Control path attributes and selection to define better routes · Take full advantage of NLRI and routing policies · Provide for load balancing and improved network scalability · Extend BGP to multiprotocol environments via MP-BGP · Deploy, configure, manage, troubleshoot, and scale IP multicast routing · Implement Protocol Independent Multicast (PIM): Dense Mode, Sparse Mode, and Bidirectional · Operate, configure, and troubleshoot NAT in IPv4-IPv4 (NAT44) and IPv6-IPv4 (NAT64) environments · Avoid policy errors and other mistakes that damage network performance This book is part of the CCIE Professional Development series, which offers expert-level instruction on network design, deployment, and support methodologies to help networking professionals manage complex networks and prepare for the CCIE exams. Category: Networking Covers: BGP, Multicast, and NAT

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## **CCNA SECURITY 640-554 OFFICIAL CERT GUIDE**

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*Pearson Education* 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 Security 640-554 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 Security 640-554 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 Security 640-554 Official Cert Guide, focuses specifically on the objectives for the Cisco CCNA Security IINS exam. Expert networking professionals Keith Barker and Scott Morris share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. The companion CD-ROM contains a powerful Pearson IT Certification Practice Test 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 assessment of your knowledge to help you focus your study where it is needed most. The CD also contains 90 minutes of video training on CCP, NAT, object groups, ACLs, port security on a Layer 2 switch, CP3L, and zone-based firewalls. Well-regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official

study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security IINS exam, including: Network security concepts Security policies and strategies Network foundation protection (NFP) Cisco Configuration Professional (CCP) Management plane security AAA security Layer 2 security threats IPv6 security Threat mitigation and containment Access Control Lists (ACLs) Network Address Translation (NAT) Cisco IOS zone-based firewalls and ASA firewalls Intrusion prevention and detection systems Public Key Infrastructure (PKI) and cryptography Site-to-site IPsec VPNs and SSL VPNs CCNA Security 640-554 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](http://www.cisco.com/go/authorizedtraining). The print edition of the CCNA Security 640-554 Official Cert Guide contains 90 minutes of video instruction, two free, complete practice exams as well as an 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), 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 Also available from Cisco Press for Cisco CCNA Security study is the CCNA Security 640-554 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:

- Allows 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

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## **ROUTING VIDEO MENTOR**

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*Cisco Systems* DVD video training direct from Cisco: the fastest, easiest, most costeffective way to master Cisco routing.

- • 15 expert DVD videos from a top Cisco trainer: everything network pros need to configure and troubleshoot any Cisco IOS router.
- The best of classroom training for a fraction of the price, in a convenient, flexible visual format.
- Covers RIPv1, RIPv2, EIGRP, OSPF, IS-IS, PBR, BGP, IPv6, route summarization, and much more - all using live routers, live traffic, and live syslog data. Thousands of aspiring and working networking professionals are desperately seeking better ways to master Cisco router configuration and basic networking. They need information they can absolutely

**trust: information that's simple and accessible enough for them to start using immediately. They don't have time to wade through enormous books - and they certainly aren't looking to invest in live classroom training. That's where Routing Video Mentor comes in. In six hours of personal, interactive video mentoring, top Cisco expert Kevin Wallace walks viewers through all the essential routing configuration and troubleshooting tasks they need to be productive. Wallace demonstrates every configuration task on live equipment, in the context of real-world scenarios - inspecting live traffic, and viewing live syslog information. Coverage includes: configuring static routes, RIPv1, RIPv2, EIGRP, and both single- and multiple-area OSPF; route summarization and redistribution; integrated IS-IS routing; PBR, multihome BGP, multicast, IPv6 addressing and OSPF routing, tunneling IPv6 via IPv4, and much more. Fully reviewed and approved by Cisco, this DVD's videos incorporate audio instruction, router CLI video screencasts showing command entry and device response; animations, lab diagrams, and more: everything viewers need to fully understand the tasks they're watching.**

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## **CCNP ROUTE PORTABLE COMMAND GUIDE**

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*Cisco Systems* **All the CCNP® ROUTE commands network professionals need to master, in one compact, portable, easy-to-use quick reference • •Fast, authoritative Cisco IP routing command review that maps directly to the newest (2009) CCNP ROUTE exam. •Includes realistic configuration examples, network diagrams, and command outputs: all readers need to understand the 'how' and 'why' of essential ROUTE commands. •Convenient, lightweight, and friendly: lets readers study without a huge textbook or a live Internet connection. CCNP is now the second most common Cisco certification. Its three exams cover more advanced routing and switching topics than CCNA, and now includes both security and wireless. The CCNP® ROUTE Portable Command Guide is the ideal supplementary guide for every network administrator who wants to pass the 2009 Implementing Cisco IP Routing (ROUTE) CCNP exam. Quick, lightweight, and filled with realistic configuration examples, it summarizes all the commands, keywords and optional sub-commands, command arguments, and associated prompts covered on the CCNP ROUTE exam. The book contains both network diagrams and command outputs, showing all the commands needed to build real-world networks, where to use each command, and why. Like all books in the CCNP Portable Command Guide series, this book is designed as a simplified 'Engineering Journal' of commands for beginning-to-intermediate level administrators. Designed to map directly to each CCNP ROUTE exam objective, it enables students to study anywhere, even if they don't have an Internet connection - and without having to carry around a large, heavy book. Readers immediately see a 'What do you want to do' section pointing them to the specific topics, chapters, and pages they're looking for - making this book an ideal resource for**

solving real network problems, not just preparing for the exam.

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## COMPUTER INFORMATION SYSTEMS AND INDUSTRIAL MANAGEMENT

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### 12TH IFIP TC 8 INTERNATIONAL CONFERENCE, CISIM 2013, KRAKOW, POLAND, SEPTEMBER 25-27, 2013, PROCEEDINGS

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*Springer* This book constitutes the proceedings of the 12th IFIP TC 8 International Conference, CISIM 2013, held in Cracow, Poland, in September 2013. The 44 papers presented in this volume were carefully reviewed and selected from over 60 submissions. They are organized in topical sections on biometric and biomedical applications; pattern recognition and image processing; various aspects of computer security, networking, algorithms, and industrial applications. The book also contains full papers of a keynote speech and the invited talk.

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## CCNP ROUTING AND SWITCHING SWITCH 300-115 OFFICIAL CERT GUIDE

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### EXAM 38 CERT GUIDE

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*Cisco Press* 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 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 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](http://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

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## **COMPUTER NETWORKING FIRST-STEP**

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*Cisco Press* **Your first step into the world of computer networking No experience required Includes clear and easily understood explanations Makes learning easy Your first step to computer networking begins here! Learn basic networking terminology Understand how information is routed from place to place Explore Internet connectivity secrets Protect your computer from intrusion Build local-area networks (LANs) Welcome to the world of networking! Networking and the Internet touch our lives in untold ways every day. From connecting our computers together at home and surfing the net at high speeds to editing and sharing digital music and video, computer networking has become both ubiquitous and indispensable. No experience needed! Computer Networking First-Step explains the basics of computer networking in easy-to-grasp language that all of us can understand. This book takes you on a guided tour of the core technologies that make up network and Internet traffic. Whether you are looking to take your first step into a career in networking or are interested in just gaining a conversational knowledge of the technology, this book is for you!**

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## **DESIGNING FOR CISCO NETWORK SERVICE ARCHITECTURES**

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## **CCDP ARCH 300-320**

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This is Cisco's authorized, self-paced, foundation learning tool for the latest version of the Cisco Designing Network Service Architectures (ARCH 300-301) exam, now required for CCDP certification. It presents a structured and modular approach to designing networks that are scalable, resilient, offer outstanding performance and availability, and have well-defined failure domains. In this entirely new Third Edition, Sean Wilkins guides you through performing the conceptual, intermediate, and detailed design of a modern network infrastructure. You'll learn how to create designs that support a wide variety of high-value network solutions over intelligent network services. Closely following the newest CCDP ARCH exam requirements, Wilkins discusses routing and switching designs of campus and enterprise networks in detail, including data center and wireless networks. Coverage includes: Enterprise IGP and BGP connectivity Wide Area Network (WAN) design Enterprise network to data center integration Designing enterprise security services Designing QoS for enterprise networks Designing large-scale IPv6 networks Designing IP Multicast for the enterprise Software Defined Networking (SDN) for the enterprise As an Authorized Self-Study Guide, this book fully reflects the content of the newest Cisco CCDP ARCH course. Real-world scenarios illustrate key concepts; chapter learning objectives and summaries help focus study; and review questions help readers assess their knowledge.

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## **CCENT/CCNA ICND1 100-101 OFFICIAL CERT GUIDE**

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*Cisco Press* 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 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, 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](http://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 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 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>

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## CISCO CCENT/CCNA ICND1 100-101 OFFICIAL CERT GUIDE

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*Cisco Systems* 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 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, 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](http://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 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 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>

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### **CISCO QOS EXAM CERTIFICATION GUIDE (IP TELEPHONY SELF-STUDY), 2/E(642-642) (WITH CD) (CISCO PRESS)**

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*Pearson Education India* This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. Official self-study test preparation guide for the Cisco QoS 642-642 exam. The official study guide helps you master all the topics on the QoS exam, including QoS concepts, tools, and architectures Modular QoS CLI (MQC), QoS Policy Manager (QPM), and AutoQoS Classification and marking Congestion management Traffic shaping and policing Congestion avoidance through drop policies Compression tools and link fragmentation and interleaving (LFI) tools for link efficiency.

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### **CCNP ENTERPRISE ADVANCED ROUTING ENARSI 300-410 OFFICIAL CERT GUIDE**

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*Cisco Press* 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 ENARSI exam topics Assess your knowledge with chapter-opening quizzes Review key concepts with exam preparation tasks This is the eBook edition of the CCNP 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, 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

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## **CCNA ROUTING AND SWITCHING STUDY GUIDE**

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### **EXAMS 100-101, 200-101, AND 200-120**

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*John Wiley & Sons* 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.

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### **CCNA PORTABLE COMMAND GUIDE**

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*Cisco Press* All the CCNA-Level commands in one compact, portable resource.

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### **ROUTERS AND ROUTING BASICS**

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### **CCNA 2 COMPANION GUIDE**

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*Cisco Press* This book "is the official supplemental textbook for v3.3.1.1 of the CCNA 2 course in the Cisco Networking Academy Program. The authors have completely rewritten the 'Companion guide' to provide a fresh, complementary perspective on the online course content. The book covers all the topics in the course and then goes on to provide additional examples and alternative approaches to individual topics all to aid the learning process and lock in your understanding of basic networking concepts and technologies." -- back cover.