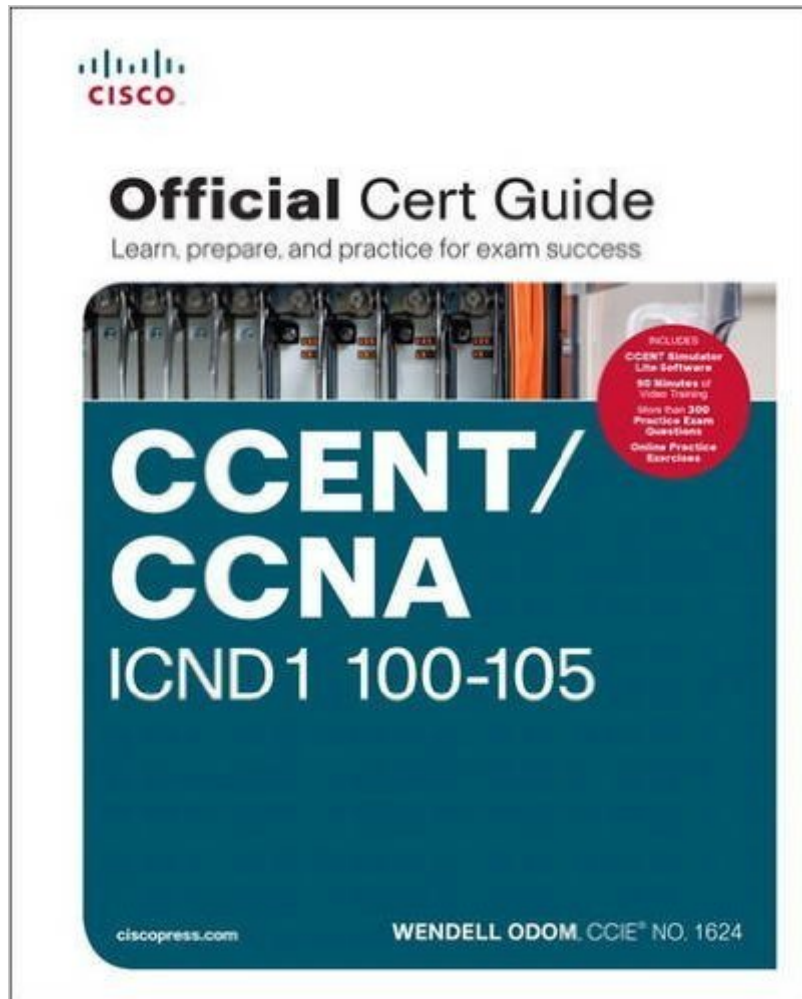


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# CCENT/CCNA ICND1 100-105 Official Cert Guide



## Synopsis

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** 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 CCENT/CCNA ICND1 100-105 exam topics**

- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions on the CD-ROM

**CCENT/CCNA ICND1 100-105 Official Cert Guide** from Cisco Press enables you to succeed on the exam the first time and is the only self-study resource approved by Cisco. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills.

**This complete study package includes**

- A test-preparation routine proven to help you pass the exams
- Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section
- Chapter-ending and part-ending exercises, which help you drill on key concepts you must know thoroughly
- Troubleshooting sections, which help you master the complex scenarios you will face on the exam
- 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 ICND1 100-105 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches
- Links to a series of hands-on config labs developed by the author
- Online, interactive practice exercises that help you hone your knowledge
- More than 90 minutes of video mentoring from the author
- A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies
- Study plan suggestions and templates to help you organize and optimize your study time

Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, this official study guide helps you master the

concepts and techniques that ensure your exam success. This official study guide helps you master all the topics on the CCENT/CCNA ICND1 exam, including Networking fundamentals Implementing basic Ethernet LANs Ethernet LANs: design, VLANs, and troubleshooting IPv4 addressing and subnetting Implementing IPv4 IPv4 design and troubleshooting IPv4 services: ACLs and NAT IPv6 Network device management Companion DVD The DVD contains more than 300 unique practice exam questions, ICND1 Network Simulator Lite software, online practice exercises, and 90 minutes of video training. Includes Exclusive Offer for 70% Off Premium Edition eBook and Practice Test Also available from Cisco Press for CCENT/CCNA study is the CCENT/CCNA ICND1 100-105 Official Cert Guide Premium Edition eBook and Practice Test. This digital-only certification preparation product combines an eBook with enhanced Pearson IT Certification Practice Test. This integrated learning package Enables you to focus on individual topic areas or take complete, timed exams Includes direct links from each question to detailed tutorials to help you understand the concepts behind the questions Provides unique sets of exam-realistic practice questions Tracks your performance and provides feedback on a module-by-module basis, laying out a complete assessment of your knowledge to help you focus your study where it is needed most Pearson IT Certification Practice Test minimum system requirements: Windows 10, Windows 8.1, Windows 7, or Vista (SP2), Microsoft .NET Framework 4.5 Client; Pentium-class 1 GHz processor (or equivalent); 512 MB RAM; 650 MB disk space plus 50 MB for each downloaded practice exam; access to the Internet to register and download exam databases

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## Customer Reviews

**The Good:**Content: If you have just finished Cisco's Networking Academy and are preparing for the test, you need this book! As many of you NetAcad students already know, the NetAcad material can be long winded and dry. The Official Cert Guide is SO refreshing after NetAcad. The content of this book is clear and concise. A topic that would take 100 pages to explain in Net Acad is explained in 20-30 pages in the Official Cert Guide. I sometimes wonder how Wendell Odom does it. How does he compress all that content into just 20-30 pages?!  
**Simlite:** The free version of the simulator that comes with this book is great as well. It focuses mostly on part 2 of the book. One thing that I enjoyed about it is that it supports the show interfaces status command (a command that is not supported in Packet Tracer). At the time of this review, the full simulator is not out (I would buy it if it was). When it does come out, I'd definitely recommend buying it if you want structured labs that go along with the book. The other (more expensive) alternative to buying the simulator is buying real lab equipment. If you plan on just taking the CCNA, then I recommend 3 x 1841 routers (about \$65 each) and 2 x 2960 switches (about \$75 each). If you plan on also studying the CCNP then 3 x 2811 routers (about \$85 each), 2 x 3560's (about \$90 each) and 2 x 2960's will work.  
**Pictures, Examples, Config Checklists:** This book has a lot of pictures (yay pictures!) to help you visualize what the network is doing and how everything is connected together. The pictures really help to solidify the information. The pictures are usually accompanied by examples of how the devices in the picture are configured. Again, this helps reinforce and solidify the concepts.

Are you ready to go after your Cisco certification? If you are, then this book is for you! Author Wendell Odom, has done an outstanding job of writing a book that provides a complete study system for the Cisco published exam topics for the ICND1 100-105 exam. Author Odom, begins by introducing the central ideas and terms used by TCP/IP, and contrasts the TCP/IP networking model with the OSI model. Then, the author delves into the concepts and terms used when building Ethernet LANs. He continues by covering the concepts and terms used for the data link layer for WANs, including HDLC. Then, the author introduces the basics of IPv4, including IPv4 addressing and routing. He then complete most of the detailed discussion of the upper two layers of the TCP/IP

model, focusing on TCP and applications. Next, the author explains how to access the text-based user interface of Cisco Catalyst LAN switches. He continues by showing you how to use the Cisco CLI to verify the current status of an Ethernet LAN and how it switches Ethernet frames. Then, the author explains how to configure Cisco switches for basic management features, such as remote access using Telnet and SSH. Next, the author shows you how to configure a variety of switch features that apply to interfaces, including duplex/speed and port security. He continues by examining the various ways to design Ethernet LANs, discussing the pros and cons, and explains common design terminology. Then, the author explains the concepts and configuration surrounding virtual LANs, including VLAN trunking. He then focuses on how to tell whether the switch is doing what it is supposed to be doing, mainly through the use of show commands.

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