



# CCNP ROUTE

Official Certification Guide

# CCNP ROUTE 642-902

Official Certification Guide

- ✓ Master the CCNP ROUTE exam
- ✓ Assess your knowledge with chapter-opening quizzes
- ✓ Review key concepts with Exam Preparation Tasks
- ✓ Practice with realistic exam questions on the CD-ROM

- ✓ Master the CCNP ROUTE 642-902 exam with this official study guide
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# Ccnp Route Official Certification Guide

**Wendell Odom**



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- Study plan suggestions and templates to help you organize and optimize your study time.

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

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

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

Pearson IT Certification Practice Test minimum system requirements:

- Windows 10
- Windows 8.1
- Windows 7 or Vista SP2
- Microsoft .NET Framework 4.5
- Client Pentium class 1 GHz processor or equivalent
- 512 MB RAM
- 650 MB disk space plus 50 MB for each downloaded practice exam
- access to the Internet to register and download exam databases

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

- 1 EIGRP Serial Configuration I
- 2 EIGRP Serial Configuration II
- 3 EIGRP Serial Configuration III
- 4 EIGRP Serial

Configuration IV 5 EIGRP Serial Configuration V 6 EIGRP Serial Configuration VI 7 EIGRP Route Tuning I 8 EIGRP Route Tuning II 9 EIGRP Route Tuning III 10 EIGRP Route Tuning IV 11 EIGRP Neighbors I 12 EIGRP Neighbors II 13 EIGRP Neighbors III 14 EIGRP Auto Summary Configuration Scenario 15 EIGRP Configuration I Configuration Scenario 16 EIGRP Metric Manipulation Configuration Scenario 17 EIGRP Variance and Maximum Paths Configuration Scenario 18 EIGRP Troubleshooting Scenario 19 Path Troubleshooting Scenario IV If you are interested in exploring more hands on labs and practicing configuration and troubleshooting with more router and switch commands check out our full simulator product offerings at <http://www.pearsonitcertification.com/networksimulator> CCNA ICND2 Network Simulator Lite minimum system requirements Windows Minimum Windows 10 32 64 bit Windows 8 1 32 64 bit or Windows 7 32 64 bit 1 gigahertz GHz or faster 32 bit x86 or 64 bit x64 processor 1 gigabyte GB RAM 32 bit or 2 GB RAM 64 bit 16 GB available hard disk space 32 bit or 20 GB 64 bit DirectX 9 graphics device with WDDM 1 0 or higher driver Adobe Acrobat Reader version 8 and above Mac Minimum OS X 10 11 10 10 10 9 or 10 8 Intel core Duo 1 83 GHz 512 MB RAM 1 GB recommended 1 5 GB hard disk space 32 bit color depth at 1024x768 resolution Adobe Acrobat Reader version 8 and above

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## **Table of Contents Ccnp Route Official Certification Guide**

1. Understanding the eBook Ccnp Route Official Certification Guide
  - The Rise of Digital Reading Ccnp Route Official Certification Guide
  - Advantages of eBooks Over Traditional Books
2. Identifying Ccnp Route Official Certification Guide
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Ccnp Route Official Certification Guide
  - User-Friendly Interface
4. Exploring eBook Recommendations from Ccnp Route Official Certification Guide
  - Personalized Recommendations
  - Ccnp Route Official Certification Guide User Reviews and Ratings
  - Ccnp Route Official Certification Guide and Bestseller Lists
5. Accessing Ccnp Route Official Certification Guide Free and Paid eBooks
  - Ccnp Route Official Certification Guide Public Domain eBooks
  - Ccnp Route Official Certification Guide eBook Subscription Services
  - Ccnp Route Official Certification Guide Budget-Friendly Options

6. Navigating Ccnp Route Official Certification Guide eBook Formats
  - ePub, PDF, MOBI, and More
  - Ccnp Route Official Certification Guide Compatibility with Devices
  - Ccnp Route Official Certification Guide Enhanced eBook Features
7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Ccnp Route Official Certification Guide
  - Highlighting and Note-Taking Ccnp Route Official Certification Guide
  - Interactive Elements Ccnp Route Official Certification Guide
8. Staying Engaged with Ccnp Route Official Certification Guide
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Ccnp Route Official Certification Guide
9. Balancing eBooks and Physical Books Ccnp Route Official Certification Guide
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Ccnp Route Official Certification Guide
10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
11. Cultivating a Reading Routine Ccnp Route Official Certification Guide
  - Setting Reading Goals Ccnp Route Official Certification Guide
  - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Ccnp Route Official Certification Guide
  - Fact-Checking eBook Content of Ccnp Route Official Certification Guide
  - Distinguishing Credible Sources
13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks
14. Embracing eBook Trends
  - Integration of Multimedia Elements

- Interactive and Gamified eBooks

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