

Cisco CCNA Boot Camp – ICND1 and ICND2

Length: 9 Days

Summary: The 9-day Cisco CCNA course series provides a combination of extensive knowledge transfer via lecture and hands-on lab exercises, laying the foundation for preparing you for the 200-125 CCNA exam.

Prerequisites: Before taking the course, learners should be familiar with:

- Basic computer literacy
- Basic PC operating system navigation skills
- Basic Internet usage skills
- Basic IP address knowledge
- Good understanding of network fundamentals

This course consists of Interconnecting Cisco Networking Devices, Part 1 (ICND1) and Interconnecting Cisco Networking Devices, Part 2 (ICND2) content merged into a single course. Overlapping content between ICND1 and ICND2 is eliminated and content is rearranged for the purpose of the course flow. Attendees will learn how to install, operate, configure, and verify a basic IPv4 and IPv6 network, including configuring a LAN switch, configuring an IP router, connecting to a WAN, and identifying basic security threats. It also includes more in-depth topics that teach learners how to perform basic troubleshooting steps in enterprise branch office networks, preparing students for Cisco CCNA certification.

Upon completing this course, you will have the skills and knowledge to:

- Install, operate, and troubleshoot a medium-sized network, including connecting to a WAN and implementing network security
- Describe the effects of new technologies such as loE, IoT, IWAN, and SDN on network evolution

COURSE CONTENT

Module 1: Building a Simple Network

Module 2: Establishing Internet Connectivity

Module 3: Summary Challenge

Module 4: Implementing Scalable Medium Sized Network

Module 5: Introducing IPv6

Module 6: Troubleshooting Basic Connectivity

Module 7: Implementing Network Device Security

Module 8: Implementing an EIGRP-Based Solution

Module 9: Summary Challenge

Module 10: Implement a Scalable OSPF-Based Solution

Module 11: Implementing Wide-Area Networks

Module 12: Network Device Management

Module 13: Summary Challenge