

Cisco CCNA Routing and Switching Boot Camp (CCNAX - Accelerated) v2.0

CCNABC



Delivery Type: Classroom

Duration: 5 days

Overview

Our accelerated CCNA Boot Camp is an intensive program, designed to help you achieve your CCNA certification in a reduced period of time. To maximize your classroom experience and ensure that you get a comprehensive coverage of the CCNA materials, our three-step, blended learning approach to the CCNA Boot Camp consists of: Pre-Class Activity, Classroom Instruction and Post-Class Lab Practice.

The Pre-Class Activity provides you with approximately ten hours of review materials and exercises, including a pre-test assessment, all of which is designed to give you a firm foundation and get you focused before you enter the classroom.

Classroom Instruction includes intensive instructor-led training and hands-on labs, students will learn how to install, operate, configure, and verify a basic IPv4 and IPv6 network, including configuring a LAN switch, configuring an IP router, identifying basic security threats, understanding redundant topologies, troubleshooting common network issues, connecting

to a WAN, configuring EIGRP and OSPF in both IPv4 and IPv6, understanding wide-area network technologies, and getting familiar with device management and Cisco licensing. You will have 24-hour lab access during the course.

Following the course you will be provided with ten e-Lab credits, which can be used for additional Lab Practice allowing you to hone your skills using the same hands-on lab equipment you used in the classroom.

Target Audience

Individuals seeking the Cisco CCNA® Routing and Switching certification. The course is also appropriate for pre-sales and post-sales network engineers involved in the installation and support of enterprise branch office networks.

Pre-Requisites

Attendees should meet the following prerequisites:

- ✓ Basic Windows navigation and keyboard

literacy skills

- ✓ Basic Internet usage skills
- ✓ Basic IP addressing knowledge

Objectives

After you complete this course you should be able to:

- ✓ Describe network fundamentals and build simple LANs
- ✓ Establish Internet connectivity
- ✓ Manage network device security
- ✓ Describe IPv6 basics
- ✓ Troubleshoot VLAN issues, explain how STP works, configure EtherChannel, and understand the idea
- ✓ behind Layer 3 redundancy
- ✓ Troubleshoot IP connectivity
- ✓ Define the characteristics, functions, and components of a WAN
- ✓ Configure and troubleshoot EIGRP in an IPv4 environment, and configure EIGRP for IPv6
- ✓ Configure, verify, and troubleshoot multi-area OSPF
- ✓ Describe SNMP, syslog and NetFlow, and manage Cisco device configurations, IOS images, and licenses

Certification

Recommended preparation for exam(s):

- ✓ 200-120 - CCNA Cisco Certified Network Associate Routing and Switching

Follow on Courses

The following Courses are recommended for further study:

- ✓ **ROUTE** - Implementing Cisco IP Routing
- ✓ **SWITCH** - Implementing Cisco Switched Networks
- ✓ **TSHOOT** - Troubleshooting and Maintaining Cisco IP Networks

Further Information

Recertification :

- ✓ CCNA certifications are valid for three years. To recertify, pass ONE of the following before the certification expiration date:
- ✓ Pass the current ICND2 exam, or
- ✓ Pass the current CCNA exam, or
- ✓ Pass the current CCDA DESGN exam, or
- ✓ Pass any current CCNA Concentration exam (Data Center, Wireless, Security, Voice, Video, Service Provider, or Service Provider Operations), or
- ✓ Pass any current 642-XXX Professional-level exam, or
- ✓ Pass any current Cisco Specialist exam (excluding Sales Specialist exams or MeetingPlace Specialist exams, Implementing Cisco TelePresence Installations (ITI) exams, Cisco Leading Virtual Classroom Instruction exams, or any 650 online exams), or
- ✓ Pass any current CCIE Written Exam, or
- ✓ Pass the current CCDE Written Exam OR current CCDE Practical Exam, or
- ✓ Pass the Cisco Certified Architect (CCAr) interview AND the CCAr board review to extend lower certifications