

Cisco - CCNAX v3.0 - CCNA Routing and Switching Boot Camp

Code:	CCNAX-GK
Length:	5 days
URL:	View Online

This course includes Cisco Training Exclusives

Accelerate your Cisco learning experience with complimentary access to the IT Skills Video On-Demand Library, Boson practice exams, *Introduction to Cybersecurity* digital learning course, course recordings, IT Resource Library, and digital courseware.

The CCNA Routing and Switching Boot Camp is an accelerated course that merges content from ICND1 and ICND2. Learn how to install, operate, configure, and troubleshoot basic IPv4 and IPv6 networks.

This course will enable you to:

- Prepare for the CCNA Routing and Switching certification.
- Operate a medium-sized LAN with multiple switches, supporting VLANs, trunking, and spanning tree.
- Understand interactions and network functions of firewalls, wireless controllers and access points.
- Develop core routing and switching networking skills to configure, monitor, and troubleshoot Cisco networks for increased effectiveness and optimal performance within SMB and Enterprise settings.
- Support Cisco network deployments and maintain these services in an on-going operational network.

Why take the CCNAX Boot Camp?

CCNAX is an intense and accelerated path to certification for students with extensive network experience. The traditional path to CCNA Routing and Switching certification requires two courses (ICND1 and ICND2) and two exams. This boot camp fulfills the CCNA Routing and Switching requirement with a single exam.

In addition to learning about basic networks, you'll learn to configure a LAN switch, configure an IP router, identify basic security threats, understand redundant topologies, troubleshoot common network issues, connect to a WAN, configure EIGRP and OSPF in both IPv4 and IPv6, understand wide-area network technologies, and get familiar with device management and Cisco licensing.

The newest version of CCNAX include a focus on Quality of Service (QoS) elements and their applicability, how virtualized and cloud services will interact and impact enterprise networks, and an overview of network programmability with the related controller types and tools that are available to support software defined network architectures.

A full suite of labs included with this course have been developed using the virtual IOS environment with flexible topologies that reinforce concepts with hands-on, guided discovery and challenge labs that align to each lesson module.

Course exclusives

- This is an intensive, extended-hours boot camp. Participants should expect to be in class for 12 hours on each of the five days.
- Lab time:
 - 120 hours total over 180 days for CCNAX.
 - Be sure to log out of labs during class. Any remaining lab time can be used after class for additional practice and review.

Skills Gained

- Network fundamentals and build simple LANs
- Establish Internet connectivity
- Manage and secure network devices
- Operate a medium-sized LAN with multiple switches, supporting VLANs, trunking, and spanning tree
- Troubleshoot IP connectivity
- Describe how to configure and troubleshoot EIGRP in an IPv4 environment, and configure EIGRP for IPv6
- Configure and troubleshoot OSPF in an IPv4 environment and configure OSPF for IPv6
- Characteristics, functions, and components of a WAN
- How device management can be implemented using the traditional and intelligent ways.
- QoS, virtualization and cloud services, and network programmability related to WAN, access and core segments.

Who Can Benefit

- Network administrators
- Network support engineers
- Network engineer associate
- Network specialist
- Network analyst
- Cisco channel partners
- Individual pursuing the CCNA Routing and Switching certification

Note: This course, like all courses, is provided only to individuals sponsored by an employer (business, government agency, non-profit, etc.). Fee-paying members of the general public are not permitted to register. For more information, please contact us at 1-800-268-7737.

Prerequisites

- A solid understanding of IPv4 and IPv6 based networks
 - A basic knowledge of network subnetting and IP routing
 - At least one year of networking experience
-

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy

Get Your Free Copy Now

ExitCertified® Corporation and iMVP® are registered trademarks of ExitCertified ULC and ExitCertified Corporation, respectively
Copyright ©2024 ExitCertified ULC & ExitCertified Corporation. All Rights Reserved.

Generated 4