



Interconnecting Cisco Networking Devices Part 2 (ICND2) v 1.0

Description

The Interconnecting Cisco Network Devices Part 2 (ICND2) is an instructor-led course. This five-day course focuses on providing the skills and knowledge necessary to install, operate, and troubleshoot a small to medium-size branch office Enterprise network, including configuring several switches and routers, connecting to a WAN and implementing network security.

Course Objectives

After completing this course, students should be able to:

- Review how to configure and troubleshoot a small network
- Expand the switched network from a small LAN to a medium-sized LAN with multiple switches, supporting VLANs, trunking, and spanning tree
- Describe routing concepts as they apply to a medium-sized network and discuss considerations when implementing routing on the network
- Configure, verify and troubleshoot OSPF
- Configure, verify and troubleshoot EIGRP
- Determine how to apply ACLs based on network requirements, and to configure, verify, and troubleshoot ACLs on a medium-sized network
- Describe when to use NAT or PAT on a medium-sized network, and configure NAT and PAT on routers
- Identify and implement the appropriate WAN technology based on network requirements

Who Should Attend

- Customer
- Employee
- Channel Partners/Resellers

Recommended pre-requisites

ICND1

Course Outline

- Module 1 - Small Network Implementation
- Module 2 - Medium-Sized Switched Network Construction
- Module 3 - Medium-Sized Routed Network Construction
- Module 4 - Single Area OSPF Implementation
- Module 5 - EIGRP Implementation
- Module 6 - Access Control Lists
- Module 7 - Address Space Management
- Module 8 - LAN Extension into a WAN

Length of Course

5 Days.

Maximum Class Size

12 Students

Class Locations

All APAC locations, subject to suitable venue.

Further Information

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