

Interconnecting Cisco Network Devices 2 (ICND2)

Cisco Exam: 640-816
5 Day Course
Locations: Mex, D.F.
Date:

Who Needs to Attend

ICND2 is designed for those who have a firm background in data networking, have some hands-on experience with Cisco routers and switches, and are looking to increase their knowledge of installation, maintaining, and troubleshooting medium-sized switched and routed networks or for those who are looking to achieve the first level of Cisco certification, the CCNA. We strongly recommend that other students start with ICND1

Certification Programs and Certificate Tracks

This course is part of the following programs or tracks:

[CCNA - Cisco Certified Network Associate](#)

[CCNA Security](#)

[CCNA Wireless](#)



This hands-on course builds on the foundation provided by ICND1, providing a technical foundation for the rest of the curriculum. Whether your goal is to familiarize yourself with Cisco technology

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1. Small Network Implementation

- Review Lab: Review of a Small Network Environment

2. Medium-Sized Switched Network Construction

- Implementing VLANs and Trunks
- Improving Performance with Spanning Tree
- Routing Between VLANs
- Securing the Expanded Network
- Troubleshooting Switched Networks

3. Medium-Sized Routed Network Construction

- Reviewing Routing Operations
- Implementing VLSM

4. Single Area OSPF Implementation

- Implementing OSPF
- Troubleshooting OSPF

5. EIGRP Implementation

- Implementing EIGRP
- Troubleshooting EIGRP

6. Access Control Lists (ACLs)

- ACL Operation
- Configuring and Troubleshooting ACLs

7. Address Space Management

- Scaling the Network with NAT and PAT
- Transitioning to IPv6

8. LAN Extension into a WAN

- Establishing a Point-to-Point WAN Connection with PPP
- Establishing a WAN Connection with Frame Relay
- Troubleshooting Frame Relay WANs
- Introducing VPN Solutions

