



Interconnecting Cisco Networking Devices, Part 2 v3.0 - ICND2 (Associate)

Course Details

Course Outline

1. Implementing Scalable Medium-Sized Networks

- Troubleshooting VLAN Connectivity
- Building Redundant Switched Topologies
- Improving Redundant Switched Topologies with EtherChannel
- Understanding Layer 3 Redundancy

2. Troubleshooting Basic Connectivity

- Troubleshooting IPv4 Network Connectivity
- Troubleshooting IPv6 Network Connectivity

3. Implementing an EIGRP-Based Solution

- Implementing EIGRP
- Implementing EIGRP for IPv6
- Troubleshooting EIGRP

4. Summary Challenge

- Implementing and Troubleshooting Scalable Medium-Sized Network
- Implementing and Troubleshooting Scalable Medium-Sized Network 2

5. Implement a Scalable OSPF-Based Solution

- Understanding OSPF
- Implementing Multiarea OSPF IPv4
- Implementing OSPFv3 for IPv6
- Troubleshooting Multiarea OSPF

6. Wide-Area Networks

- Understanding WAN Technologies
- Understanding Point-to-Point Protocols
- Configuring GRE Tunnels
- Configuring Single-Homed EBGp



7. Network Device Management

- Implementing Basic Network Device Management and Security
- Evolution of Intelligent Networks
- Introducing QoS

8. Summary Challenge

- Implementing and Troubleshooting Scalable Multiarea Network 1
- Implementing and Troubleshooting Scalable Multiarea Network 2