

Course ICND2

Interconnecting Cisco Network Devices Part 2

Module 1: Implementing Scalable Medium-Sized Networks

- ✓ Troubleshooting VLAN Connectivity
- ✓ Troubleshooting VLANs and Trunks
- ✓ Building Redundant Switched Topologies
- ✓ Optimizing STP
- ✓ Improving Redundant Switched Topologies with EtherChannel
- ✓ Configuring EtherChannel
- ✓ Understanding Layer 3 Redundancy

Module 2: Troubleshooting Basic Connectivity

- ✓ Troubleshooting IPv4 Network Connectivity
- ✓ Troubleshooting IP Connectivity
- ✓ Troubleshooting IPv6 Network Connectivity

Module 3: Implementing an EIGRP-Based Solution

- ✓ Implementing EIGRP
- ✓ Implementing EIGRP
- ✓ Troubleshooting EIGRP
- ✓ Troubleshooting EIGRP
- ✓ Implementing EIGRP for IPv6
- ✓ Implementing EIGRP for IPv6
- ✓ Module Summary
- ✓ Module Self-Check

Module 4: Implementing a Scalable, Multi-area Network, OSPF Based Solution

- ✓ OSPF Overview
- ✓ Multiarea OSPF IPv4 Implementation
- ✓ Configuring Multiarea OSPF
- ✓ Troubleshooting Multiarea OSPF
- ✓ Troubleshooting Multiarea OSPF
- ✓ Examining OSPFv3
- ✓ Configuring OSPF for IPv6
- ✓ Module Summary
- ✓ Module Self-Check

Module 5: Wide-Area Networks

- ✓ Understanding WAN Technologies
- ✓ Configuring Serial Encapsulation
- ✓ Configuring and Troubleshooting a Serial Connection
- ✓ Establishing a WAN Connection Using Frame Relay
- ✓ Establishing a Frame Relay WAN
- ✓ Introducing VPN Solutions
- ✓ Configuring GRE Tunnels
- ✓ Establishing a GRE Tunnel
- ✓ Module Summary
- ✓ Module Self-Check

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Module 6: Network Device Management

- ✓ Configuring Network Devices to Support Network Management Protocols
- ✓ SNMP and Syslog Basic Configuration
- ✓ Analyzing NetFlow Data
- ✓ Managing Cisco Devices
- ✓ Licensing
- ✓ Managing Cisco Devices and Licensing
- ✓ ICND2 Superlab
- ✓ ICND2 Superlab

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