

CCNA Exploration – Networking Fundamentals (v 4.0)

CCNA 2 – Routing Protocol & Concept

Course Outline:

- Configure and verify router interfaces
- Demonstrate comprehensive RIPv1 configuration skills
- Design and implement a classless IP addressing scheme for a network
- Use advanced configuration commands with routers implementing EIGRP
- Apply the basic RIPv2 configuration commands and evaluate RIPv2 classless routing updates
- Identify the characteristics of distance vector routing protocols

CCNA 3 – LAN Switching

Course Outline:

- Troubleshooting network layered problems
- Network designs
- Switch configuration
- VLAN routing and operations
- Managing Cisco IOS
- Implementing Wireless

CCNA 4 – Accessing the WAN (v 4.0)

Course Outline:

- Describe the impact of applications (Voice Over IP and Video Over IP) on a network
- Configure, verify, and troubleshoot DHCP and DNS operation on a router
- Verify, monitor, and troubleshoot ACLs in a network environment
- Configure and verify a basic WAN serial connection, a PPP connection between Cisco routers, and Frame Relay
- Configure and verify a PPP connection between Cisco routers, and Frame Relay on Cisco routers
- Troubleshoot WAN implementation issues