5 Days

CISCO CCNA Routing and Switching v3.0

With a dynamically growing business environment and ever expanding technology, there is an increased demand for trained network engineers. CCNA Routing & Switching [v3.0] training course, sponsored by CISCO prepares IT professionals to acquire the fundamental knowledge and expertise in the field of networking to promote secure transfer of information assets.

The certification offers the professionals to administer to Network Architectures(SDN), configure and manage IPv4 / IPv6 networks, and also explore the deployment of cloud services in network infrastructures.

Exams & Recommended Training

Required Exam[s] Recommended Training

200-125 CCNA Interconnecting Cisco Networking Devices: Accelerated [CCNAX]

OR

100-105|CND1 Interconnecting Cisco Networking Devices Part 1 [ICND1]

AND

200-105|CND2 Interconnecting Cisco Networking Devices Part 2 [ICND2]

Course Details

Course Outline

Interconnecting Cisco Networking Devices Part 1 (ICND1)

- Module 1: Building a Simple Network
- Module 2: Establishing Internet Connectivity
- Module 3: Summary Challenge
- Module 4: Building a Medium-Sized Network
- Module 5: Network Device Management and Security
- Module 6: Summary Challenge
- Module 7: Introducing IPv6

Interconnecting Cisco Networking Devices Part 2 (ICND2)

- Module 1: Implement Scalable Medium-Sized Networks
- Module 2: Troubleshooting Basic Connectivity
- Module 3: Implementing an EIGRP-Based Solution
- Module 4: Summary Challenge
- Module 5: Implement a Scalable OSPF-Based Solution
- Module 6: Wide-Area Networks
- Module 7: Network Device Management and Security
- Module 8: Summary Challenge

Interconnecting Cisco Networking Devices: Accelerated (CCNAX)

- Module 1: Building a Simple Network
- Module 2: Establishing Internet Connectivity
- Module 3: Summary Challenge
- Module 4: Implementing Scalable Medium-Sized Network
- Module 5: Introducing IPv6
- Module 6: Troubleshooting Basic Connectivity
- Module 7: Implementing Network Device Security
- Module 8: Implementing an EIGRP-Based Solution
- Module 9: Summary Challenge
- Module 10: Implement a Scalable OSPF-Based Solution
- Module 11: Implementing Wide-Area Networks
- Module 12: Network Device Management
- Module 13: Summary Challenge

Who Should Attend

The CCNA R&S training and certification course is ideal for those working with the profiles of:

- Network Specialists
- Network Administrators
- Network Support Engineers with 1-3 years of experience.

Pre Requisite

Required prerequisites include completion of one of the following:

- Basic IP address knowledge
- Basic PC operating system navigation skills
- Understanding of network fundamentals
- Experience managing network security
- Experience managing WAN and basic IPv6 connectivity

Exams

CCNA Routing and Switching [200-125]

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