Cisco Certified Network Associate (CCNA) Routing and Switching Training Boot Camp v3.0 (CS-CCNA)

Modality: Virtual Classroom

Duration: 5 Days

CLC: 39 Units

About the course:

The Course of CCNA Routing and Switching Crash offered by QuickStart is a very famous course searched after certification training of CCNA out there. This course is intended to give all of you the knowledge you required to obtain this credential and clear the test in no time by any means. The pragmatic experience it offers will assist you with taking your abilities up a score, and in this manner, exceed expectations in your profession. Our experience and profoundly capable Cisco instructors will cooperate with you to give all the information expected to get qualified as a Cisco Certified Network Associate (CCNA).

Our novel training camp style training has been perceived within the industry as one of the successful training accessible. The training groups of QuickStart are viewed as pioneers, who have altered the IT industry by providing best in class training to our understudies that furnish them with overhauled aptitudes for a rewarding profession.

This training camp comprises of test vouchers and helps you in preparing for the following tests.

200-125 CCNA

A Cisco Certified Network Administrator on average can win up to $84,000/ - per annum.

The courses included in this training camp are;

Cisco Networking Devices Part 1 (ICND1) v3.0 and Part 2 (ICND2) v3.0

Course Objectives:

- Set up an internet network
- Secure and oversee organize gadgets
- Create LAN (Local area network) and explain the essentials of the system
- Comprehend the way toward troubleshooting IP availability
- Comprehend the way toward troubleshooting and also configuring OSPF in IPV6 and IPV4 and conditions
- Comprehend the way toward operating medium-sized LANs through trunking, numerous switches, spanning trees and supporting VLANs.
- Explain the segments, qualities, and elements of a WAN
- Comprehend the way toward configuring EIGRP in IPV4 and IPV6 conditions
- Explain the effect of new innovations like IoT, IWAN, SDN, and IoE on development pre-

essential

Audience:

This course is planned to be attempted by the following experts

- Network Support Technician
- Help Desk Technician
- Network Administrator
- System Administrators
- System Engineers

Pre-requisites:

Preceding enrolling in this course, it is suggested that the understudy must have Network+, A+, or an MCP credential. It is grown basically to be embraced by aspiring or existing system experts, for example, System Administrators, System Engineers, Network Administrator, and PC professionals.

Course Outline:

DAY 1

Module 1: Building a Simple Network

Lesson 1: Exploring the Functions of Networking
Lesson 2: Understanding the Host-to-Host Communications Model
Lesson 3: Introducing LANs
Lesson 4: Operating Cisco IOS Software
Lesson 5: Starting a Switch
Lesson 6: Understanding Ethernet and Switch Operation
Lesson 7: Troubleshooting Common Switch Media Issues
Day 2

Module 2: Establishing Internet Connectivity

Lesson 1: Understanding the TCP/IP Internet Layer
Lesson 2: Understanding IP Addressing and Subnets
Lesson 3: Understanding the TCP/IP Transport Layer
Lesson 4: Exploring the Functions of Routing
Lesson 5: Configuring a Cisco Router
Lesson 6: Exploring the Packet Delivery Process
Lesson 7: Enabling Static Routing
Lesson 8: Learning Basics of ACL
Lesson 9: Enabling Internet Connectivity
Module 3: Summary Challenge

Lesson 1: Establish Internet Connectivity
Lesson 2: Troubleshoot Internet Connectivity

Day 3

Module 4: Implementing Scalable Medium-Sized Networks

Lesson 1: Implementing and Troubleshooting VLANs and Trunks
Lesson 2: Building Redundant Switched Topologies
Lesson 3: Improving Redundant Switched Topologies with EtherChannel
Lesson 4: Routing Between VLANs
Lesson 5: Using a Cisco IOS Network Device as a DHCP Server
Lesson 6: Understanding Layer 3 Redundancy
Lesson 7: Implementing RIPv2
Module 5: Introducing IPv6

Lesson 1: Introducing Basic IPv6
Lesson 2: Understanding IPv6 Operation
Lesson 3: Configuring IPv6 Static Routes
Day 4

Module 6: Troubleshooting Basic Connectivity

Lesson 1: Troubleshooting IPv4 Network Connectivity
Lesson 2: Troubleshooting IPv6 Network Connectivity
Module 7: Implementing Network Device Security

Lesson 1: Securing Administrative Access
Lesson 2: Implementing Device Hardening
Lesson 3: Implementing Advance Security
Module 8: Implementing an EIGRP-Based Solution

Lesson 1: Implementing EIGRP
Lesson 2: Implementing EIGRP for IPv6
Lesson 3: Troubleshooting EIGRP
Module 9: Summary Challenge

Lesson 1: Troubleshooting a Medium-Sized Network
Lesson 2: Troubleshooting Scalable Medium-Sized Network
Day 5

Module 10: Implementing a Scalable OSPF-Based Solution

Lesson 1: Understanding OSPF
Lesson 2: Multiarea OSPF IPv4 Implementation
Lesson 3: Implementing OSPFv3 for IPv6
Lesson 4: Troubleshooting Multiarea OSPF
Module 11: Implementing Wide-Area Networks

Lesson 1: Understanding WAN Technologies
Lesson 2: Understanding Point-to-Point Protocols

Lesson 3: Configuring GRE Tunnels
Lesson 4: Configuring Single-Homed EBGP
Module 12: Network Device Management

Lesson 1: Implementing Basic Network Device Management
Lesson 2: Evolution of Intelligent Networks
Lesson 3: Introducing QoS
Lesson 4: Managing Cisco Devices
Lesson 5: Licensing
Module 13: Summary Challenge

Lesson 1: Troubleshooting Scalable Multiarea Network
Lesson 2: Implementing and Troubleshooting Scalable Multiarea Network