Cisco Certified Network Professional (CCNP) Training Boot Camp (CS-CCNP-RS)

Modality: Virtual Classroom

Duration: 14 Days

CLC: 90 Units

About the course:

System Professionals who accomplish the certification of CCNP have shown the information and abilities required to deal with the switches and routers that structure the network core, and also edge applications that incorporate voice, security, and wireless into the network. Become certified CCNP in less time, for less cash, and get the experience of real hands-on networking. Learn to utilize top of the line Cisco equipment, in the best-prepared lab of training! Intense training for two weeks from Cisco certified industry specialists, for an amazingly low, comprehensive cost.

This boot camp incorporates vouchers for the exam and sets you up for the below exams:

- 300-101 ROUTE
- 300-135 TSHOOT
- 300-115 SWITCH

Salary Estimate:

The normal compensation for Cisco Certified Professional Network Engineer is $97,000 annually.

This boot camp includes the following courses:

- CS-SWITCH - Cisco Switched Networks (SWITCH)
- CS-ROUTE - Cisco IP Routing (ROUTE)
- CS-TSHOOT - Maintaining and Troubleshooting Cisco IP Networks (TSHOOT)

Course Objectives:

With the completion of this course, the student will be able to:

1. Execute enterprise Internet connectivity
2. Describe protocols of routing, different options of remote connectivity, and their effect on implementing and routing RIPng
3. Configure OSPF in the environments of IPv4 and IPv6.
4. Configure EIGRP in the environments of IPv4 and IPv6.
5. Perform path control using policy-based IP SLA and routing
6. Apply redistribution of a route using filtering mechanisms
7. Protect Cisco routers as per the best exercises and configure validation for routing protocols

Targeted Audience:

This course is suitable for students who expect to network experts and who have information acquired from Cisco CCNA courses. Typical roles of the jobs incorporate support engineers, network engineers, network technicians, or systems engineers.

Prerequisites:

The information and aptitudes that a student ought to have before going to this educational plan are as per the following:

1. Describing fundamentals of the network
2. Establishing the connectivity of WAN and Internet (IPv4 and IPv6)
3. Network device security Management
4. Functioning a medium-sized LAN with various supporting VLANs, switches, spanning trees and trunking.
5. Troubleshooting the connectivity of IP (IPv4 and IPv6)
6. Troubleshooting and Configuring OSPF and EIGRP (IPv4 and IPv6)
7. Configuring devices for Syslog, SNMP, and NetFlow access
8. Managing Cisco IOS images, Cisco device configurations, and licenses

Course Outline:

- **Implementing Cisco IP Routing (ROUTE)**
- **Module 1: Basic Network and Routing Concepts**
- **Module 2: EIGRP Implementation**
- **Module 3: OSPF Implementation**
- **Module 4: Configuration of Redistribution**
- **Module 5: Path Control Implementation**
- **Module 6: Enterprise Internet Connectivity**
- **Module 7: Routers and Routing Protocol Hardening**
- **Implementing Cisco Switched Networks (SWITCH)**
- **Module 1: Basic Concepts and Network Design**
- **Module 2: Campus Network Architecture**
- **Module 3: Spanning Tree Implementation**
- **Module 4: Inter-VLAN Routing**
- **Module 5: High-Availability Networks**
- **Module 6: First Hop Redundancy Protocol Implementation**
- **Module 7: Campus Network Security**
- **Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)**
- **Module 1: Tools and Methodologies of Troubleshooting**
- **Module 2: Troubleshooting at SECHNIK Networking Ltd.**
- **Module 3: Troubleshooting at TINC Garbage Disposal Ltd.**
- **Module 4: Troubleshooting at PILE Forensic Accounting Ltd.**
- **Module 5: Troubleshooting at Bank of POLONA Ltd.**
- **Module 6: Troubleshooting at RADULKO Transport Ltd.**