Cisco Expert-Level Training for CCIE Routing and Switching Advanced Workshop 2 v5.0 (CIERS2)

Modality: Virtual Classroom

Duration: 5 Days

CLC: 50 Units

About this Course:

A Cisco System Hardware Engineer Certification is a well-worth certification and is incredibly useful for IT professionals in search of professional career success. On average, a System Hardware Engineer's salary is $113,480 per year. To successfully land a reputable job in the IT market, professionals need to have advanced skillset and strong knowledge of the Cisco fundamentals.

The CIERS2 Advanced Workshop 2 is tailored to provide practical knowledge and hands-on experience of expert-level troubleshooting and configuration techniques. This training program encompasses 80% practical labs and 20% theoretical courses designed to nurture the problem-solving skills of the professionals. Some of the major topics covered in this course include Time and Stress Management, End-to-End Testing, and Options Analysis.

Divided into five 8-hours long performance evaluations, the teaching methodology of this course is designed to help professionals excel in the CISCO CCIE Routing and Switching Practical Exam v5.0.

Course Objectives:

The core objective of this course is to help professionals and experts develop an advanced skillset and conceptual understanding of the following key principles:

- Advanced-Level Troubleshooting and Configuration in Ethernet and WAN
- Configuring and Troubleshooting Route Distribution, EIGRP, OSPF, and RIPv2
- Configuring and Troubleshooting BGP, VPN, MPLS, IP Multicast, and IPv6
- IPv6 Multicast and Unicast Connectivity
- Configuring and Troubleshooting IP Services, MQC, and QoS.

Audience:

- Clients and Customers
- Channel Partners
- Interested Employees

Prerequisites:

The following set of prerequisites are obligatory for professionals planning to enroll in the CISCO Expert-Level Training for CCIE Routing and Switching Advanced Workshop 2 v5.0 (CIERS2) course:

- Having cleared the theoretical CCIE routing and switching certification exam
- Equipped with the conceptual understanding of CIERS1 key concepts
- Minimum 2 Self-Paced assessment exams completion is highly recommended
- Equipped with the skills and knowledge required to perform advanced-level tasks
- Familiarity with fundamental configuration and troubleshooting concepts
- Know-how of EIGRP, RIPv2, OSPF, BGP, IPv6, QoS, MQC, and IP Multicast.

Course Outline:

- **Course Introduction**
- **Lesson 1: Formulating a Final-Phase CCIE Preparation Strategy**
- **Performance Assessment Labs with troubleshooting and configuration sections each:**
- **360RSW05-LAB-TA03, 360RSW05-LAB-CA12**
- **360RSW05-LAB-TA04, 360RSW05-LAB-CA13**
- **360RSW05-LAB-TA05, 360RSW05-LAB-CA14**
- **360RSW05-LAB-TA06, 360RSW05-LAB-CA15**
- **360RSW05-LAB-GA07 (consists of 360RSW05-LAB-TA07, 360RSW05-LAB-CA07)**

When performing each of these labs, learners are allowed to ask the instructor any question. Learners should frame each question as (1) a Cisco CCIE proctor-style question to emulate the actual CCIE lab experience, or (2) a standard instructor-style question to maximize the learning and knowledge-transfer experience.