

Cisco 360 CCIE R&S Advanced Workshop 1 v1

5 Days

Prerequisites

CCIE R&S Written Exam. The CIERS-1 class is recommended for all Routing and Switching CCIE candidates and senior engineers

Course Content

Cisco Internetworking Expert Routing and Switching Workshop 1 is a five day ILT class designed to be attended during the initial stage of a learner's CCIE preparation effort. The course is approximately 60% lecture and 40% hands-on lab exercises. The course focuses on core technologies encountered in the Routing and Switching CCIE lab. This includes: Frame-Relay, Catalyst 3550 / 35060, IGP's, Redistribution, BGP, Multicast, IPv6, Router QoS and Catalyst QoS. Not only will these topics be covered, the student will also be completely immersed in the learning and problem solving approach known as "issue spotting and options analysis". Two highlights of the course are students performing two graded assessments labs - one on the first day of class and one on the last day of class.

Course Outline

CIERS-1 course includes: Frame-Relay Catalyst 3550 Switch Configuration OSPF EIGRP RIP v.2 IGP Route Redistribution Controlling IGP Updates with Route-Maps and Distribute-Lists Configuring BGP-4 Neighbor Relationships (including Route-Reflectors and Confederations) Filtering BGP Updates using Prefix-lists, AS-Path Access-lists, Communities and Route-Maps BGP Attribute Manipulation IPv6 Interior Routing Protocols IPv6 BGP Advanced Catalyst 3550 Layer 2 and Layer 3 Configuration Topics Integrated Routing and Bridging WAN QOS (Frame Relay, ATM, PPP) LAN QOS Advanced IP Access-lists IP Multicast Routing using PIM Sparse and Dense Modes Address Administration (NAT, DHCP, HSRP, IRDP, etc.) New 12.2T / 12.3 / 12.4 Features

Who Should Attend

*Channel Partner / Reseller *Customer *Employee