

INE - CCIE Routing & Switching Written Exam Bootcamp

Students looking for a thorough and well structured learning tool will benefit from this bootcamp. These videos will help create a solid foundation of the concepts covered in the CCIE Routing & Switching written exam, as well as give students the knowledge they will need to not only pass the written exam, but also to continue straight into their CCIE Lab Exam preparation. This bootcamp will also benefit current CCIEs who may just desire or need to re-affirm their knowledge from a theoretical standpoint to recertify on the various technologies covered on the CCIE Routing & Switching written exam blueprint. **CCIE R&S Written Exam Outline**

- * Module 1 - General Networking Theory
 - o Lesson 1 - General Routing Concepts
 - o Lesson 2 - The Routing Information Base (RIB)
 - o Lesson 3 - Redistribution
- * Module 2 - Lan Switching
 - o Lesson 1 - Unicast Flooding
 - o Lesson 2 - 8021D
 - o Lesson 3 - 8021w
 - o Lesson 4 - 8021s
 - o Lesson 5 - Protection Mechanisms
 - o Lesson 6 - Trunks and VTP
 - o Lesson 7 - Ethernet
- * Module 3 - IP
 - o Lesson 1 - Subnetting
 - o Lesson 2 - HSRP
 - o Lesson 3 - GLBP
 - o Lesson 4 - VRRP
 - o Lesson 5 - NAT
 - o Lesson 6 - NTP
 - o Lesson 7 - DHCP
 - o Lesson 8 - WCCP
 - o Lesson 9 - Syslog
- * Module 4 - IP Routing
 - o Lesson 1 - OSPF Areas
 - o Lesson 2 - OSPF Areas, Part 2
 - o Lesson 3 - OSPF Troubleshooting
 - o Lesson 4 - BGP
 - o Lesson 5 - EIGRP
 - o Lesson 6 - Advanced EIGRP
 - o Lesson 7 - PBR
- * Module 5 - Quality of Service
 - o Lesson 1 - MQC
 - o Lesson 2 - NBAR
 - o Lesson 3 - Marking
 - o Lesson 4 - CBWFQ
 - o Lesson 5 - RED
 - o Lesson 6 - Policing
 - o Lesson 7 - Shaping
- * Module 6 - WAN
 - o Lesson 1 - Frame Relay
 - o Lesson 2 - DMVPN
- * Module 7 - IP Multicast
 - o Lesson 1 - Group Addresses
 - o Lesson 2 - IGMP
 - o Lesson 3 - PIM
 - o Lesson 4 - RPF
 - o Lesson 5 - AUTORP
 - o Lesson 6 - Anycast RP
- * Module 8 - Security
 - o Lesson 1 - ACLs
 - o Lesson 2 - uRPF
 - o Lesson 3 - IP Source Guard
 - o Lesson 4 - CBAC
- * Module 9 - MPLS
 - o Lesson 1 - MPLS Label
 - o Lesson 2 - LSR and LSP
 - o Lesson 3 - Imposition and Disposition
 - o Lesson 4 - Label Distribution
 - o Lesson 5 - Route Descriptor
- * Module 10 - IPv6
 - o Lesson 1 - Addressing
 - o Lesson 2 - Address Types
 - o Lesson 3 - ND
 - o Lesson 4 - IPv6 Multicast
 - o Lesson 5 - Deployment Strategies
 - o Lesson 6 - IPv6 Routing
- * Bonus Lessons
 - o Lesson - Auto QoS
 - o Lesson - BGP Confederations
 - o Lesson - IP SLA
 - o Lesson - PfR/OER Part 1
 - o Lesson - PfR/OER Part 2
- * Bonus Practice Exams
 - o Practice Exam 1
 - o Practice Exam 2 Part1 Part2

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