

CertKit: Cisco 350-801: Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

The Implementing and Operating Cisco Collaboration Core Technologies (CLCOR) CertKit helps you prepare for advanced-level roles focused on implementation and operation of Cisco collaboration solutions. You will gain the knowledge and skills needed to implement and deploy core collaboration and networking technologies, including infrastructure and design, protocols, codecs, and endpoints, Cisco Internetwork Operating System (IOS®) XE gateway and media resources, call control, Quality of Service (QoS), and additional Cisco collaboration applications.

Prerequisites:

To fully benefit from this course, you should have the following knowledge and skills:

- Working knowledge of fundamental terms of computer networking, including LANs, WANs, switching, and routing
- Basics of digital interfaces, Public Switched Telephone Networks (PSTNs), and Voice over IP (VoIP)
- Fundamental knowledge of converged voice and data networks and Cisco Unified Communications Manager deployment

Course outcome:

- Describe the Cisco Collaboration solutions architecture
- Integrate and troubleshoot Cisco Unified Communications Manager
- Implement Cisco Unified Communications Manager provisioning
- Describe the different codecs and how they are used to transform analogue voice into digital streams
- Describe a dial plan, and explain call routing in Cisco Unified Communications Manager
- Implement a Cisco gateway for PSTN access
- Configure calling privileges in Cisco Unified Communications Manager
- Implement globalized call routing within a Cisco Unified Communications Manager cluster
- Implement and troubleshoot media resources in Cisco Unified Communications Manager
- Describe Cisco Instant Messaging and Presence, including call flows and protocols
- Describe and configure endpoints and commonly required features
- Configure and troubleshoot Cisco Unity Connection
- Describe how Mobile Remote Access (MRA) is used to allow endpoints to work from outside the company
- Analyze traffic patterns and quality issues in converged IP networks supporting voice, video, and data traffic
- Define QoS and its models
- Implement classification and marking

Who should attend:

- Students preparing to take the CCNP Collaboration certification
- Network administrators and engineers
- Systems engineers

CertKit content:

- E-learning courses:
 - CLCOR: Cisco Collaboration Core Technologies
 - CLCOR: CM Disaster Recovery & IP Protocols
 - CLCOR: Call Signaling & Call Setup Processes
 - CLCOR: Call Setup & Teardown Process
 - CLCOR: LDAP Sync & Authentication
 - CLCOR: Endpoint Provisioning in Cisco Unified CM
 - CLCOR: Understanding Voice & Video Codecs
 - CLCOR: Cisco Unified CM Dial Plan
 - CLCOR: Understanding & Configuring MGCP Gateways
 - CLCOR: Configuring Cisco IOS Gateway
 - CLCOR: Class of Service & Toll Fraud Prevention
 - CLCOR: Implementing Globalized Call Routing
 - CLCOR: Media Resources in Cisco Unified CM
 - CLCOR: Cisco Collaboration Applications
 - CLCOR: Quality of Service in a Cisco UC Network
- MeasureUp Exam simulation
 - 210+ questions
- Tips & Tricks