

Implementing Cisco IP Telephony and Video, Part 1 (CIPTV1)

Duration 5 Days

COURSE CONTENT

Cisco IP Telephony & Video, Part 1 (CIPTV1) is a five-day course that prepares the learner for implementing a Cisco Collaboration solution at a single-site environment. This course focuses primarily on Cisco Unified Communications Manager, which is the call-routing and signaling component for the Cisco Collaboration solution. Lab exercises included in the course help learners to perform post installation tasks, configure Cisco Unified Communications Manager, implement MGCP and H.323 and, SIP trunks, and build dial plans to place single site on-cluster and off-cluster calling for voice and video. Learners will also implement media resources, audio and video conferencing, and describe QoS.

COURSE OUTLINE

- **Module 1:** Cisco Unified Communications Manager Introduction
- **Module 2:** Dial Plan Introduction and Implementation of Single- Site On-Cluster Calling
- **Module 3:** Implementation of Single-Site Off-Cluster Calling
- **Module 4:** Media Resources
- **Module 5:** Audio and Video Conferencing
- **Module 6:** Quality of Service

WHO SHOULD ATTEND

- Channel Partners
- Customers
- Employees

PREREQUISITES

- Working knowledge of fundamental terms and concepts of computer networking, including LANs, WANs, switching and routing
- Ability to configure and operate Cisco routers and switches and to enable VLANs and DHCP
- Basics of digital interfaces, PSTN, and VoIP
- Fundamental knowledge of converged voice and data networks