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

Overview

Course Code	CIPTV1	Duration	5.0 days
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Cisco IP Telephony & Video, Part 1 (CIPTV1) v1.0 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 Version 10.x, 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.

Audience

Channel Partners
Customers
Employees

Pre-Requisites

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

Details

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