

# **Implementing Cisco Unified CallManager Part 2 (CIPT2) 5.0**

## **Duration**

3 days

## **Course Overview**

CIPT2 v5.0 is designed to provide participants with the necessary knowledge and skills to enable video calls and to secure, monitor, and manage a Cisco Unified Communications solution based on Cisco Unified CallManager, the call-routing and signaling component of the Cisco Unified Communications solution.

## **Prerequisites**

- Working knowledge of fundamental terms and concepts of computer networking to include LANs, WANs, and IP switching and routing
- Ability to configure and operate Cisco routers and switches and to enable VLANs and DHCP
- Fundamental knowledge of converged voice and data networks
- Ability to configure voice interfaces on Cisco voice-enabled equipment for connection to traditional, nonpacketized telephony equipment and to configure the call flows for POTS and VoIP dial peers.
- Ability to configure and administer a Cisco Unified CallManager environment as covered in the CIPT1 curriculum

## **Course Objectives**

- Harden Cisco IP telephony devices, prevent toll fraud, understand cryptographic concepts, and apply cryptography to a Cisco Unified CallManager cluster.
- Make IP video telephony calls with Cisco Unified Video Advantage and describe the basic components and characteristics of video calls and Cisco Unified CallManager configuration parameters that enable video.
- Classify and use system management tools that can be used in a Cisco Unified CallManager environment.

## **Course Outline**

- Module 1 – Secure IP Telephony
- Module 2 – Enable IP Video Telephony
- Module 3 – Monitor and Manage IP Telephony

## **Additional Material exclusively covered**

As this course is written to Call Manager version 5.0, an update will be provided to participants outlining the changes across all revisions up to and including Call Manager version 6.x. A revision of version 4.x will also be discussed.