

# Implementing Cisco Unified Communications Manager Part 1 (CIPT1) v6.0

Days: 5

## Prerequisites

The knowledge and skills that a learner must have before attending this course are as follows:

- Computer networking, to include LANs, WANs, and IP switching and routing
- Enable VLANs and DHCP
- Working knowledge of the Media Gateway Control Protocol (MGCP) and its implementation on Cisco IOS gateways

## Course Content

Implementing Cisco Unified Communications IP Telephony Part 1 (CIPT1) v6.0 prepares you for installing and configuring a Cisco Unified Communications Manager solution in a single site. This course focuses primarily on Cisco Unified Communications Manager Release 6.0, the call routing and signaling component for the Cisco Unified Communications solution. This course includes lab activities in which you will perform postinstallation tasks, configure Cisco Unified Communications Manager and switches, implement Media Gateway Control Protocol (MGCP) gateways; and build dial plans to place on-net and off-net phone calls. You will also implement media resources, Lightweight Directory Access Protocol (LDAP) and voice mail integration as well as numerous user telephone features.

## Course Objectives

Upon completing this course, the learner will be able to meet these overall objectives:

- Describe Cisco Unified Communications Manager including its functions, architecture, deployment and redundancy options, and how to install or upgrade.
- Perform Cisco Unified Communications Manager platform and general administration, initial configuration, and user management.
- Configure Cisco Unified Communications Manager to support on-cluster calling in a single site deployment.
- Implement a dial plan in Cisco Unified Communications Manager to make internal calls and place calls to the PSTN.
- Configure Cisco Unified Communications Manager media resources, features and voice mail integration.

## Course Outline

- Getting Started with Cisco Unified Communications Manager
- Administering Cisco Unified Communications Manager.
- Enabling Single-Site On-Net Calling
- Enabling Single-Site Off-Net Calling

- Implementing Media Resources, Features and Applications.

#### **Who Should Attend**

- Channel Partner / Reseller
- Customer
- Employee