

CI – CIPT1

Implementing Cisco Unified Communications IP Telephony

Part 1



Summary

Duration

5 Days

Vendor

Cisco

Category

Unified Communications / CCVP

Introduction

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.

Prerequisites

CCNA VOICE Enterprise or Commercial

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 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.

Associated Certifications & Exams

The 642-446 CIPT1 Implementing Cisco Unified Communications IP Telephony Part 1 is the exam associated with the CCVP certification. This exam tests a candidate's knowledge of deploying a Cisco Unified Communications Manager to support single site and centralized call processing models.

On successful completion of this course students will receive a Torque IT attendance certificate.