

CI – CIPT2

Implementing Cisco Unified Communications Manager, Part 2 v8.0



Summary

Duration
5 Days

Vendor
Cisco

Category
Unified Communications / CCNP VOICE

Introduction

Implementing Cisco Unified Communications Manager, Part 2 (CIPT2) v8.0 prepares you for implementing Cisco Unified Communications solution in a multisite environment. It covers globalized call routing, Cisco Service Advertisement Framework (SAF) and Call Control Discovery (CCD), tail-end hop-off (TEHO), Cisco Unified Survivable Remote Site Telephony (SRST), and mobility features such as Cisco Device Mobility and Cisco Extension Mobility. You will apply a dial plan for a multisite environment including TEHO, configure survivability for remote sites during WAN failure and implement solutions to reduce bandwidth requirements in the IP WAN. You will also enable Call Admission Control (CAC) including Session Initiation Protocol (SIP) Preconditions and automated alternate routing (AAR).

Prerequisites

- CCNA VOICE
- CIPT1 v8.0

Course Objectives

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

- Describe multisite deployment issues and solutions, and describe and configure required dial plan elements
- Implement call-processing resiliency in remote sites by using Cisco Unified SRST, MGCP fallback, and Cisco Unified Communications Manager Express in Cisco Unified SRST mode
- Implement bandwidth management and CAC to prevent oversubscription of the IP WAN
- Implement Device Mobility and Cisco Extension Mobility
- Describe and implement CCD deployments.

Associated Certifications & Exams

The Implementing Cisco Unified Communications Manager, Part 2 v8.0 (CIPT2 v8.0) 642-457 is the exam associated with the CCNP Voice certification. This exam tests a candidate's skills in implementing a Cisco Unified Communications Manager solution in a multisite environment, applying a dial plan for a multisite environment, configuring survivability for remote sites during WAN failure, and implementing solutions to reduce bandwidth requirements in the IP WAN.

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