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Class Code: CIPT1
Number of Days: 5
Format: Instructor-Led

Implementing Cisco Unified Communications Part 1 (CIPT1 v6/7)

Course Description: This five-day course prepares you to install and configure a Cisco Unified Communications Manager single site solution. This course focuses primarily on Cisco Unified Communications Manager Release 6/7, the call processing, routing and signaling component for the Cisco Unified Communications solutions. This course includes lab activities in which you will perform post installation tasks, configure Cisco Unified Communications Manager and switches, implement gateways including Media Gateway Control Protocol (MGCP) gateways; and build dial plans to place on-net and off-net phone calls to TDM and IP telco provider networks. You will also implement media resources, Lightweight Directory Access Protocol (LDAP) and voice mail integration as well as numerous user telephone features.

Target Audience: This course is intended for Cisco Reseller Partners, administrators and end users responsible for the implementation, administration and maintenance of CUCM v6.x/7.x for a single site.

Prerequisites:

- Valid CCNA Certification.
- Completion of CVOICE.
- Computer networking including knowledge of LANs, WANs, and IP switching and routing.

Delivery Method: Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

Course Objectives

After completing this course, the student should be able to

- 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

Course Outline

- Course Introduction.
- Multisite Deployments.
- Identifying Issues in a Multisite Deployment.
- Identifying Multisite Deployment Solutions.
- Implement Multisite Connection.