

Implementing Cisco IOS Unified Communications 2 (IIUC2) Course Summary

Description

Students will learn to install Cisco Unified Communications Manager Express and Cisco Unity Express, with support for both SCCP and SIP endpoints, Unified Call Connector, Call Connector Mobility, and PSTN Calling. In addition, performance monitoring and maintenance tasks are explored as well as configuring Unified Messaging Gateway and troubleshooting.

Objectives

At the end of this course, students will be able to:

- Configure the basic features and functionality of Cisco Unified Communications Manager.
- Express to support IP phones, analog voice interfaces, digital voice interfaces, VoIP dial peers, digit manipulation, class of service, network management, and capturing Call Detail Records.
- Configure advanced Cisco Unified Communications Manager Express features for both SIP and SCCP phones.
- Implement hardware and software media resources: transcoding, conferencing, and music on hold 2 Implementing Cisco IOS Unified Communications Part 2 (IIUC2) v1.0
- Implement Cisco Unified CallConnector Mobility server to track Cisco Unified Communications Manager Express phones and PSTN connections, provide single number reach services, and integrate call control through Windows add-ins.
- Configure Cisco Unity Express: users, groups, voice mailboxes, Instant Messaging, VoiceView, notification, Live Record, Cisco Unity Express AutoAttendant, and troubleshoot Cisco Unity Express.
- Extend Cisco Unity Express by configuring a Unified Messaging Gateway to simplify VPIM networking between Cisco Unity Express

Topics

- Review of Cisco Unified Communications Manager Express Fundamentals
- Configuration of Cisco Unified Communications Manager Express Features
- Configuration of New Cisco Unified Communications Manager Express Features
- Implement Media Resources Overview
- Implement Cisco Unified CallConnector and Cisco Unified CallConnector Mobility
- Cisco Unity Express Voice Mail and AutoAttendant Configuration
- Cisco Unity Express VPIM Networking and Cisco Unified Messaging Gateway
- Troubleshooting Cisco IOS Software-Based Unified Communications

Audience

This is an intermediate course for: Network professionals who install, configure, and manage Cisco IP Telephony express solutions and those pursuing Cisco IP Communications Express Specialist Certification.

Prerequisites

- ICND1 and IIUC

Duration

Five days