

# Implementing Cisco Advanced Call Control and Mobility Services (CLACCM)

**Price:** 1000

**Duration** 365 Days

**Delivery Methods** eLearning

**URL** [Enroll](#) [Buy Now](#)

## Overview

The Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) training provides you with knowledge

about advanced call control and mobility services, focusing on Cisco Unified Communications Manager features such as

Globalized Call Routing, Global Dial Plan Replication, Cisco Unified Mobility, Cisco Extension Mobility, SIP URI call routing,

Call Admission Control, Cisco Unified Communications Manager Express and SRST gateway technologies, Cisco Unified

Board Element Call deployments, signaling and media protocols, and features such as call coverage and time of day routing.

This training prepares you for the 300-815 CLACCM v1.2 exam. If passed, you earn the Cisco Collaboration Specialist -

Collaboration Call Control and Mobility Implementation certification and you satisfy the concentration exam requirement

for the Cisco Certified Network Professional (CCNP) Collaboration certification.

## **How You'll Benefit**

This training will help you:

Gain the skills to deploy advanced call control and mobility services in Cisco Unified Communications Manager,

CME and SRST, Cisco Unified Communications Manager Express and advanced SRST gateway technologies, and

Cisco Unified Board Element

## **Who Should Enroll**

Collaboration engineers

Collaboration administrators

## **Learning Path Objectives**

After taking this course, you should be able to:

- Analyze and troubleshoot SIP and media protocol
- Understand call recording options and implement time-of-day routing, call park, call pickup, and Meet-Me

conferences in Cisco Unified Communications Manager

- Describe call recording options in Cisco Unified Communications Manager
- Describe how to implement call coverage in Cisco Unified Communications Manager
- Describe how to configure and troubleshoot Cisco Unified Communications Manager Extension Mobility
- Describe how to configure and troubleshoot Cisco Unified Communications Manager Unified Mobility
- Describe how to implement Cisco Unified Communications Manager Express for SIP phones
- Describe how to implement globalized call routing within and between Cisco Unified Communications Manager

clusters

- Describe how to implement advanced and enhanced SRST in Cisco Unified Communications Manager and Cisco

IOS gateways

- Describe how to implement CAC and AAR in Cisco Unified Communications Manager

- Describe how to implement URI calling in Cisco Unified Communications Manager for calls within a cluster and between clusters
- Describe how to troubleshoot multisite Cisco Unified Communications Manager deployments
- Describe how to implement ILS between Cisco Unified Communications Manager clusters and enable GDPR
- Configure and troubleshoot Cisco Unified Border Element

### **Learning Path Prerequisites**

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending

this training are:

- Internet web browser usability knowledge and general computer usage
- Basic understanding of networking technologies
- Basic understanding of voice and video
- Describe the different codecs and how they are used to transform analogue voice into digital streams
- Knowledge of Cisco IOS XE command line
- Describe the Cisco Collaboration solutions architecture
- Define collaboration and describe the main purpose of key devices in a Cisco collaboration on-premises deployment model
- Configure and modify required parameters in Cisco Unified CM, including service activation, enterprise parameters, CM groups, time settings, and device pool
- Deploy and troubleshoot IP phones via manual configuration within Cisco Unified CM
- Describe and configure endpoints and commonly required features
- Compare the IP Phone signaling protocols of SIP, H323, and SCCP
- Analyze traffic patterns and quality issues in converged IP networks supporting voice, video, and data traffic
- Define QoS and its models

- Describe the call setup and teardown process for a SIP device, including codec negotiation using SDP and media

channel set up

- Manage Cisco Unified CM user accounts (local and via LDAP)

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## **FAQ**

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### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

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If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

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