

Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) v1.1

Price: 4295

Duration: 5 days

Delivery Methods: Virtual

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.

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)

Course Schedule

Date	Time	Price	Options
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FAQ

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