



Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) V1.1

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HAPPENS EVERYDAY!***



Implementing Cisco Advanced Call Control and Mobility Services (CLACCM) V1.1

Course Duration

5 Days

Course Price

\$4,295.00

43 CLCs

Methods of Delivery

In-Person ILT

Virtual ILT

Onsite ILT

About this Class

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 Border 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 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. This training also earns you 40 Continuing Education (CE) credits toward recertification.

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How you will benefit

This class 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 Border Element.
- Earn 40 CE credits toward recertification.

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

Who Should Attend

The job roles best suited to the material in this course are:

- Collaboration Engineers
- Collaboration Administrators

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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

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Course Outline

Module 1: Signaling and Media Protocols

Module 2: Cisco Unified Communications Manager Supplemental Services

Module 3: Call Coverage in Cisco Unified Communications Manager

Module 4: Cisco Unified Communications Manager Extension Mobility

Module 5: Cisco Unified Communications Manager Unified Mobility

Module 6: Cisco Unified Communications Manager Express

Module 7: Globalized Call Routing

Module 8: Advanced Remote Site Survivability

Module 9: Call Admission Control in Cisco Unified Communications
Manager

Module 10: URI Calling in Cisco Unified Communications Manager

Module 11: Multisite Cisco Unified Communications Manager Deployments

Module 12: Global Dial Plan Replication

Module 13: Cisco Unified Border Element

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Lab Outline

- **Lab 1:** Analyze SIP, H.323, and Media Protocols
- **Lab 2:** Troubleshoot SIP and Media Protocols
- **Lab 3:** Implement Cisco Unified Communications Manager Supplemental Services
- **Lab 4:** Implement Call Hunting and Call Queueing in Cisco Unified Communications Manager
- **Lab 5:** Configure Cisco Unified Communications Manager Extension Mobility
- **Lab 6:** Troubleshoot Cisco Unified Communications Manager Extension Mobility
- **Lab 7:** Configure Cisco Unified Mobility
- **Lab 8:** Troubleshoot Cisco Unified Mobility
- **Lab 9:** Implement Endpoints in Cisco Unified Communications Manager Express
- **Lab 10:** Implement Endpoint Addressing and Call Routing in Cisco Unified Communications Manager Express
- **Lab 11:** Implement Calling Privileges Cisco United Communications Manager Express
- **Lab 12:** Implement Globalized Call Routing
- **Lab 13:** Implement TEHO, PSTN Backup, and CoS in a Globalized Call-Routing Deployment
- **Lab 14:** Implement Advanced Survivable Remote Site Telephony

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Lab Outline Cont.

- **Lab 15:** Implement Call Admission Control (CAC)
- **Lab 16:** Implement a URI-Based Dial Plan for Multisite Deployments
- **Lab 17:** Troubleshoot Globalized Call Routing
- **Lab 18:** Troubleshoot Call Admission Control
- **Lab 19:** Implement Global Dial Plan Replication
- **Lab 20:** Implement Cisco Unified Border Element
- **Lab 21:** Troubleshoot Cisco Unified Border Element