



CISCO TRAINING

Implementing Cisco Collaboration Conferencing

Master implementing Cisco Collaboration Conferencing solutions. Deploy and manage advanced video and audio conferencing environments.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This concise yet impactful 2-hour course, "Implementing Cisco Collaboration Conferencing", is meticulously designed to provide IT professionals with the essential knowledge and practical skills required to deploy and manage Cisco's robust conferencing solutions. In today's dynamic work environments, seamless collaboration is paramount, and this course dives into the core technologies that enable efficient multi-party communication. You'll gain a foundational understanding of key components like Cisco Unified Communications Manager (CUCM) media resources and an introduction to integrating Cisco Meeting Server (CMS), empowering you to configure and troubleshoot basic conferencing setups.

Participants will emerge with the ability to confidently implement conferencing services within their Cisco collaboration infrastructure, ensuring smooth and reliable virtual meetings. The course emphasizes hands-on configuration principles and troubleshooting fundamentals, preparing you to contribute immediately to your organization's unified communications strategy. By mastering these critical skills, you'll enhance productivity, streamline team communication, and lay a solid groundwork for advancing your career in the rapidly evolving field of enterprise collaboration.

Duration	2 hours
Level	Intermediate
Vendor	Cisco

COURSE CURRICULUM

01 Module 1: Foundations of Cisco Collaboration Conferencing

- Role of conferencing in modern Unified Communications
- Overview of Cisco's conferencing solutions (on-premise vs. cloud options)
- Key conferencing components: Media Resources, Conference Bridges, MRGs/MRGLs
- Introduction to SIP and H.323 protocols in conferencing

02 Module 2: Implementing CUCM-Integrated Conferencing

- Configuring software and hardware conference bridges in Cisco Unified Communications Manager (CUCM)
- Creating Media Resource Groups (MRGs) and Media Resource Group Lists (MRGLs)
- Assigning conferencing resources to device pools and regions
- Verifying conferencing resource availability and registration

03 Module 3: Introduction to Cisco Meeting Server (CMS) Integration

- Cisco Meeting Server (CMS) architectural overview and deployment models
- Basic concepts of integrating CMS with CUCM via SIP trunks
- Understanding CMS spaces and virtual meeting rooms (VMRs)
- Overview of participant access methods (WebRTC, SIP, H.323)

04 Module 4: Conferencing Call Flow and Basic Troubleshooting

- Understanding conferencing call flows and media resource allocation logic
- Identifying common conferencing setup and quality issues
- Utilizing CUCM traces and basic CMS logs for diagnosis
- Best practices for optimizing conferencing performance and scalability

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Collaboration Engineer**
- > **Unified Communications Administrator**
- > **Network Support Specialist (with Collaboration Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What are the essential prerequisites for enrolling in this 'Implementing Cisco Collaboration Conferencing' course?

To get the most out of this course, participants should have a foundational understanding of Cisco Unified Communications Manager (CUCM) administration, basic IP networking concepts (like IP addressing and routing), and a general familiarity with voice and video communication technologies.

Q: What specific hands-on skills will I acquire from this 2-hour course that are immediately applicable in a professional Cisco collaboration environment?

Upon completion, you will be able to configure conference bridges and media resources within CUCM, understand the role and application of Media Resource Groups (MRGs) and MRGLs, grasp the fundamental concepts of Cisco Meeting Server (CMS) integration, and perform initial troubleshooting steps for common conferencing setup issues.

Q: How does successfully completing this particular course enhance my career trajectory or prepare me for advanced Cisco Collaboration roles?

This course provides a critical foundational skillset in Cisco conferencing, which is a core component of any enterprise collaboration solution. It directly prepares you for roles that involve deploying and managing communication systems, and serves as an excellent stepping stone for pursuing more advanced Cisco Collaboration certifications and deeper dives into technologies like Cisco Meeting Server, Webex, and advanced CUCM features.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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