

Implementing Cisco Collaboration Conferencing (CLCNF) v1.0 Course

Course Duration: 24 Hours

Course Code: CLCNF v1.0

1. Course Overview

The **Implementing Cisco Collaboration Conferencing (CLCNF) v1.0** course is designed to provide learners with the knowledge and skills needed to deploy, configure, and manage Cisco collaboration conferencing solutions. This course focuses on Cisco Meeting Server (CMS) and Cisco Meeting Management (CMM) to deliver scalable, secure, and high-quality audio, video, and web conferencing experiences. Participants will gain hands-on experience in integrating conferencing solutions into existing collaboration environments.

2. What You'll Learn?

By the end of this course, you will be able to:

- Describe Cisco Collaboration Conferencing architecture and components.
- Install and configure Cisco Meeting Server (CMS).
- Configure Cisco Meeting Management (CMM) for efficient conferencing management.
- Integrate Cisco conferencing solutions with Cisco Unified Communications Manager (CUCM).
- Configure Active Directory integration and user management.
- Enable and manage SIP trunks, call routing, and dial plans for conferencing.

- Secure conferencing environments with certificates and encryption.
- Troubleshoot common issues in Cisco conferencing deployments.

3. Target Audience

This course is ideal for:

- Collaboration engineers.
- Network and system engineers responsible for deploying Cisco conferencing solutions.
- IT professionals working with Cisco Unified Communications environments.
- Professionals preparing for Cisco Collaboration certifications.

4. Pre-Requisites

Before attending this course, learners should have:

- Knowledge of Cisco Unified Communications Manager (CUCM) deployment and administration.
- Understanding of SIP, VoIP, and video conferencing fundamentals.
- Basic networking knowledge (TCP/IP, DNS, certificates, and routing concepts).
- Completion of **CCNA Collaboration** or equivalent experience is recommended.

5. Course Content

Module 1: Introduction to Cisco Collaboration Conferencing

- Overview of Cisco Collaboration Conferencing solutions
- Cisco Meeting Server (CMS) architecture

- Conferencing deployment models

Module 2: Cisco Meeting Server Installation and Configuration

- CMS deployment scenarios
- Initial installation and setup
- System configuration and licensing

Module 3: Cisco Meeting Management (CMM)

- Overview of Cisco Meeting Management
- Configuring CMM for administration and monitoring
- Scheduling and managing meetings

Module 4: Integration with Cisco Unified Communications Manager

- SIP trunk configuration
- Call routing and dial plans
- Active Directory and LDAP integration

Module 5: Securing Conferencing Solutions

- Certificate management
- Encryption and secure media
- Security best practices

Module 6: Advanced Features and Troubleshooting

- Integrating with third-party conferencing tools
- Troubleshooting CMS and CMM
- Monitoring and reporting