



Train. Employ. Empower.

Implementing Cisco Collaboration Conferencing v1.1 (CLCNF)

Price
\$3,295.00

Duration
5 Daytime Classes
or
10 Evening Classes

Delivery Methods
Virtual, Private
Group,

CAREER SKILLS+™

The Implementing Cisco Collaboration Conferencing (CLCNF) v1. course focuses on Cisco on-premises conferencing architecture and solutions. You will gain knowledge and skills to design and implement common conferencing deployment scenarios of Cisco Meeting Server, its integration with call control features such as Cisco Unified Communications Manager and Cisco Expressway, and other Cisco collaboration conferencing devices.

This course offers lessons and hands-on labs to prepare you for the 300-825 Implementing Cisco Collaboration Conferencing (CLCNF) exam.

Who Should Attend

Deployment engineer
Network engineer
Sales engineer

Course Prerequisites

PC skills
Addition and management of devices and users in Cisco Unified CM

SIP signaling fundamentals
Video endpoint operation and configuration
Management of media resources in Cisco Unified CM
Familiarity with Cisco Expressway ideal but not required
Familiarity with APIs ideal but not required

Course Objectives

Describe the Cisco conferencing architecture including cloud, hybrid, and on-premises conferencing
Describe the physical deployment options and deployment models for Cisco Meeting Server, including Cisco Meeting Server 1000, 2000, and virtual machine
Configure a Cisco Meeting Server single combined deployment for Web-Real Time Communications (WebRTC) endpoints within the enterprise
Use APIs and the Cisco Meeting Server API Guide to configure profiles using Postman and the Webadmin API tool
Configure a scalable and resilient deployment of Cisco Meeting Server with three servers for WebRTC endpoints within the enterprise
Configure a scalable and resilient deployment of Cisco Meeting Server to support standard Session Initiation Protocol (SIP) and WebRTC connectivity outside the enterprise
Configure a scalable and resilient deployment of Cisco Meeting Server to support recording and streaming of conferences
Configure Cisco Unified Communications Manager and Cisco Meeting Server to support Rendezvous, Scheduled, and Ad-hoc conferencing for Cisco Unified CM registered endpoints
Configure Cisco Meeting Server to integrate with a preconfigured on-premise Microsoft Skype for Business installation
Install Cisco TelePresence Management Suite (Cisco TMS) and Cisco TelePresence Management Suite for Microsoft Exchange (Cisco TMSXE) on a single Microsoft Windows 2012 server and connect to an existing SQL environment
Install and integrate Cisco Meeting Management with Cisco TMS and Cisco Meeting Server
Set up and manage a scheduled conference with Cisco TMS and Cisco Meeting Management
Capture and analyze logs from Cisco Meeting Server and Cisco Meeting Manager to diagnose faults, including a SIP connection error

Agenda

1 - Outline



Describing Cisco Conferencing Architecture
Configuring a Single Combined Deployment
Installing Cisco Meeting Server
Using APIs with Cisco Meeting Server
Configuring a Cisco Meeting Server Scalable and Resilient Deployment
Configuring Business to Business (B2B) and WebRTC Firewall Traversal Connectivity for Cisco Meeting Server
Configuring Recording and Streaming with Cisco Meeting Server
Troubleshooting Cisco Meeting Server
Integrating Cisco Meeting Server with Cisco Unified CM
Integrating Cisco Meeting Server with Microsoft Skype for Business
Installing and Operating Cisco TMS and Cisco TMSXE
Installing and Integrating Cisco Meeting Management

