

CLCNF**Implementing Cisco Collaboration Conferencing**

40 horas

Collaboration

Cisco

Cisco Continuing Education Credits

40 CE Credits**INTRODUÇÃO**

The Implementing Cisco Collaboration Conferencing (CLCNF) v1.0 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.

This class will help you:

Learn how to configure and troubleshoot on-premises conferencing solutions with Cisco Meeting Server.

Integrate on-premises conferencing solutions with other collaboration components to meet the needs of modern-day workplaces.

OBJETIVO DO CURSO

After taking this course, you should be able to:

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

PÚBLICO-ALVO

Deployment engineer

Network engineer

Sales engineer

PRÉ-REQUISITOS

To fully benefit from this course, you should have the following knowledge:

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

Recommended Cisco offerings that may help you meet these prerequisites:

Cisco Collaboration Fundamentals (CLFNDU)

Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)

CONTEÚDO PROGRAMÁTICO

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

Lab Practice

Cisco Meeting Server Initial Configuration
Cisco Meeting Server Single Combined Deployment
Install a Cisco Meeting Server Virtual Machine
Using Postman with Cisco Meeting Server
Using Cisco Meeting Server Webadmin API Tool
Cluster Cisco Meeting Server Databases
Cluster Cisco Meeting Server Call Bridges
Configure Cisco Meeting Server Distributed Spaces and Active Directory
Configure Cisco Meeting Server Scalable and Resilient Web Bridges
Configure External WebRTC Connectivity for Cisco Meeting Server
Configure External B2B Connectivity for Cisco Meeting Server
Configure Cisco Meeting Server Recording
Capturing Log Files in Cisco Meeting Server
Troubleshoot Cisco Meeting Server
Configure Cisco Meeting Server Integration with Cisco Unified CM Using a SIP Trunk
Configure Cisco Meeting Server Integration with Cisco Unified CM as a Conference Resource
Install, Upgrade, and Maintain Cisco TMS and TMSXE
Configure Cisco TMS for Scheduled Conferences
Manage Endpoints in Cisco TMS Part 1
Manage Endpoints in Cisco TMS Part 2
Cisco Meeting Management Initial Installation
Integrate Cisco Meeting Management
Manage Conferences in Cisco TMS and Cisco Meeting Management
Specific Lab Issues