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Implementing Cisco Collaboration Conferencing (CLCNF) V1.1

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Course Duration

5 Days

Course Price

$4,195.00
42 CLCs

Methods of Delivery

In-Person ILT
Virtual ILT
Onsite ILT

About this Class

The Implementing Cisco Collaboration Conferencing (CLCNF) V1.1 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.

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How you will benefit

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

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:

- Deployment Engineer
- Network Engineer
- Sales Engineer

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Objectives

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

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Course Outline

Module 1: Cisco Meeting Server Single Combined Deployment

Module 2: 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

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Lab Outline

- **Lab 1:** Cisco Meeting Server Initial Configuration

- **Lab 2:** Cisco Meeting Server Single Combined Deployment

- **Lab 3:** Install a Cisco Meeting Server Virtual Machine

- **Lab 4:** Using Postman with Cisco Meeting Server

- **Lab 5:** Using Cisco Meeting Server Webadmin API Tool

- **Lab 6:** Cluster Cisco Meeting Server Databases

- **Lab 7:** Cluster Cisco Meeting Server Call Bridges

- **Lab 8:** Configure Cisco Meeting Server Distributed Spaces and Active Directory

- **Lab 9:** Configure Cisco Meeting Server Scalable and Resilient Web Bridges

- **Lab 10:** Configure External WebRTC Connectivity for Cisco Meeting Server

- **Lab 11:** Configure External B2B Connectivity for Cisco Meeting Server

- **Lab 12:** Configure Cisco Meeting Server Recording

- **Lab 13:** Capturing Log Files in Cisco Meeting Server

- **Lab 14:** Troubleshoot Cisco Meeting Server

- **Lab 15:** Configure Cisco Meeting Server Integration with Cisco Unified CM Using a SIP Trunk

- **Lab 16:** Configure Cisco Meeting Server Integration with Cisco Unified CM as a Conference Resource

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Lab Outline Cont.

- **Lab 17:** Install, Upgrade, and Maintain Cisco TMS and TMSXE

- **Lab 18:** Configure Cisco TMS for Scheduled Conferences

- **Lab 19:** Manage Endpoints in Cisco TMS Part 1

- **Lab 20:** Manage Endpoints in Cisco TMS Part 2

- **Lab 21:** Cisco Meeting Management Initial Installation

- **Lab 22:** Integrate Cisco Meeting Management

- **Lab 23:** Manage Conferences in Cisco TMS and Cisco Meeting Management

- **Lab 24:** Specific Lab Issues