Cisco Meeting Server Advanced (COLLAB350) v3.0

What you'll learn in this course

The **Cisco Meeting Server Advanced** (COLLAB350) v3.0 course shows you how to install and configure a resilient and scalable Cisco® Meeting Server deployment. Through extensive hands-on practice, you will learn how to install and configure components of Cisco Meeting Server using the API and Chrome Postman; configure clustering and load balancer features; and use additional features including H.323 Gateway, multitenancy, customization, and more.

Cisco Meeting Server brings premises-based video, audio, and web communication together to meet the collaboration needs of the modern workplace.

Course duration

- Instructor-led training: 3 days in the classroom with hands-on lab practice
- Virtual instructor-led training: 3 days of web-based classes with hands-on lab practice

How you'll benefit

This course will help you:

- Gain hands-on expertise configuring and implementing Cisco Meeting Server
- Build a resilient and scalable solution using Cisco Meeting Servers

Who should enroll

- System engineers
- Technical support personnel
- Cisco integrators and partners

How to enroll

- For instructor-led training, visit Cisco Learning Locator.
- For private group training, visit Cisco Private Group Training.

Technology areas

- Collaboration

Course details

Objectives

After taking this course, you should be able to:

- Configure components of the Cisco Meeting Server, using the API and Chrome Postman
- Build a resilient and scalable solution, using five Cisco Meeting Servers
- Describe additional features and licensing, including H.323 Gateway, multitenancy, and customization

Prerequisites

We recommend that you have the following knowledge and skills before taking this course:

- Cisco Meeting Server Apps Foundation, or Acano Certified Operator, or equivalent knowledge
- Cisco Meeting Server Intermediate course, or Acano Certified Expert 1, or equivalent knowledge

Outline

- API Configuration
  - Reviewing Cisco Meeting Server Intermediate
  - Exploring Web Service APIs
  - Configuring Software with an API
  - Configuring Cisco Meeting Server with Postman
  - Customization Configuration
- Resilient and Scalable Deployments
  - Planning a Resilient and Scalable Deployment
  - Configuring a Database Cluster
  - Configuring a Call Bridge Cluster
  - Configuring XMPP Clustering
  - Configuring Trunks and Load Balancers
  - Configuring Web Bridges
  - Configuring Expressway
  - Configuring TURN Servers
- Additional Features
  - Exploring the Recorder
  - Configuring Unified Communications Integration

Lab outline

- Single-Server Deployment
- API Introduction—Part 1
- API Introduction—Part 2
- Customization
- Database Cluster Configuration
- Call Bridge Cluster Configuration

- Lightweight Directory Access Protocol (LDAP) Configuration
- Outbound Dial Rules
- Extensible Messaging and Presence Protocol (XMPP) Clustering
- Trunk and Load Balancer Configuration
- Web Bridge Configuration
- Implementing Expressway
- Traversal Using Relay NAT (TURN) Server Configuration
- Recorder Configuration
- Load Balancing
- Unified Communications Integration (Optional)

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