

# Administering Video Devices, WebEx, Users, and WebEx Boards Registered in the Cisco Cloud (CLOUD-CONF)

Price  
**\$4,795.00**

Duration  
**5 Days**

Delivery Methods  
**VILT, Private Group**



This is a five-day Cloud Conferencing instructor-led course where students will learn how to Provision, Manage, and Register Telepresence Endpoints in the WebEx Cloud. Students will also learn how to migrate their existing On-Prem Devices to the Cisco Telepresence Cloud. Students will also learn to integrate Hybrid Mesh Nodes, Hybrid Calendaring, Hybrid Security, and WebEx Teams with their existing Infrastructure.

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## Who Should Attend

- Network Video Administrators
- Collaboration Administrator
- Network Video Engineer
- Voice/UC/Collaboration/Communications Engineer
- Collaboration Sales/Systems Engineer

# Administering Video Devices, WebEx, Users, and WebEx Boards Registered in the Cisco Cloud (CLOUD-CONF)

## Course Objectives

- Student will learn how to provision and Manage Video Endpoints in the Cisco Cloud
- Students will also learn how to deploy hybrid Call Service for WebEx Teams Users and WebEx Video Devices
- Students will learn how to configure the Hybrid Video Mesh Nodes for Cloud Conferencing
- Students will learn how to configure the Cisco Directory Connector and Synchronize Active Directory Users
- Students will learn how to integrate Microsoft Exchange, Office 365, or Google Calendar
- Students will use Hybrid Calendar Service to schedule meetings
- Students will learn how to Integrate Cisco WebEx Hybrid Data Security
- Students will learn how to Integrate Cisco WebEx Hybrid Message Service to Integrate your existing Jabber and IM&P Infrastructure

## Agenda

### 1 - OVERVIEW OF CISCO CLOUD REGISTERED ENDPOINTS

- DX 70/80
- SX 10/20/80
- Room Kit Mini
- Room Kit
- Room Kit Plus
- Room Kit Pro
- Room 700
- WebEx Board
- Desktop Pro

### 2 - CONFIGURE WEBEX CONTROL HUB AND REGISTERING ENDPOINTS

- Network Assessment and Provisioning
- Cisco WebEx Teams Control Hub
- Cisco WebEx Teams Control Hub Pro Pack
- Creating Cisco WebEx Teams Sites
- Integrating Cisco WebEx Teams with Active Directory
- Integrating Cisco WebEx with ADFS
- Managing User and Features
- Configuring Cisco Expressway Integration
- Checking the WebEx Teams Health
- Integrating Cisco Unified Communications Manager (UCM) With WebEx Teams
- Integrating Cisco Jabber with WebEx Teams
- Registering Cisco Phones using WebEx
- Register TelePresence Endpoints with the WebEx Cloud.
- Integrating On-Premise TelePresence with WebEx Cloud TelePresence
- Registering WebEx Boards
- Managing User and Assigned Features
- Using Analytics for reporting on Meetings

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### 3 - WEBEX SERVICES OVERVIEW

- Hybrid Services Overview
- Hybrid Architecture
- Hybrid Directory Service
- Hybrid Calendar Integration
- Hybrid Call Service
- Hybrid Message Service
- Hybrid Edge Services
- WebEx Edge Video Mesh
- Hybrid Data Security Service

### 4 - WEBEX DIRECTORY SYNCHRONIZATION

- Supported Room Systems
- Bandwidth Requirements
- Proximity
- Cisco WebEx Teams Video Settings
- Zero Touch Meetings
- Scheduling a Meeting with Invites
- Join a Meeting from a Cloud Registered Endpoint
- Join a Meeting using WebEx Teams
- Join a Meeting using a WebEx Board
- Join a Meeting from an on premise Telepresence Endpoint
- Join a Meeting from Jabber
- Join a Meeting from a Non Cisco Endpoint
- Join a Meeting from a Cisco Phone
- Using a Video Mesh for Internal Conference Participants
- Share Content from a Laptop on Your Room Device
- Video Layouts
- Screen Sharing
- White boarding

### 5 - WEBEX EDGE CONNECTOR

- WebEx Device Connector
- Migrating On-Premise Devices to Cloud
- Cloud Hybrid Features to On-Premise Registered Devices
- Using CUCM Calling for On-Premise Registered Devices
- Call Flow Scenarios
- WebEx Media Flows for Hybrid Devices
- CUCM Configuration
- Digital Signage
- Bulk Configuration - Device Selection
- Expressway Configuration

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### 6 - WEBEX HYBRID CALENDARING SERVICES

- Overview of Hybrid Calendar Service
- Configuring Hybrid Calendar Service for Microsoft Exchange
- Configuring Hybrid Calendar Service with Office 365
- Configuring Hybrid Calendar Service for a Hybrid Exchange Environment
- Configuring Hybrid Calendar with Google Calendar
- Configuring Conferences using the Calendar Service
- Scheduling Meetings with the WebEx App
- Scheduling Meetings with the Outlook
- Troubleshoot Cisco Calendar Service

### 7 - WEBEX SERVICES VIDEO MESH

- Overview of Video Mesh Service
- Prepare Your Environment
- Deploy Video Mesh Service
- Monitoring the Video Mesh Service
- Configuring Conferences to use the Video Mesh for Local Conferences
- Using the Video Mesh Node for Local Conferencing
- Troubleshoot Video Mesh Service

### 8 - WEBEX SERVICES HYBRID CALL SERVICE

- Overview of Hybrid Call Services
- Integrating WebEx with Cisco Unified Communications Manager
- Deploy Hybrid Call Service Aware
- Deploy Hybrid Call Service
- Deploy Hybrid Call Service for Cisco WebEx Devices
- Troubleshoot Hybrid Call Services

### 9 - WEBEX SERVICES EDGE AUDIO

- WebEx Edge Audio Features
- Configuring Edge Audio
- CUCM Configuration
- Expressway Configuration
- Call Routing from WebEx Edge Audio
- Edge Audio Settings from Control Hub
- Testing WebEx Edge Audio

### 10 - WEBEX APP

- WebEx Client
- WebEx App Introduction (formerly WebEx Teams)
- Network Test
- Provisioning WebEx Client Features

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- Provisioning iPads
- Provisioning iPhones
- Provision Android Phones
- WebEx Messaging
- WebEx Meetings
- WebEx Calling
- WebEx Scheduling
- WebEx Deployments
- WebEx Messaging
- Free Messaging vs Named User License Messaging
- Creating a one on one Message Space with an Individual
- Creating Persistent Messaging for a Group of Users
- Adding People to the Spaces
- @Mentions
- Presentations
- White boarding
- 1 on 1 Tutoring
- Annotation
- Sharing Files
- Using Spaces
- Adding Someone to a Space
- Change Your Status
- Creating Messages
- Formatting Messages
- Manage Notifications in Spaces
- Flagging a Person in a Message
- Make Someone a Moderator on a Team
- Remove Someone from a Space
- Lock Space
- Share Files
- Delete a Space
- Find People, Spaces, Messages, and Files
- Flag Important Messages
- Filter Your Spaces and Content
- Delete Messages and Files
- Leave a Space
- Archive a Team

### 11 - WEBEX MEETINGS

- Configuring WebEx Meeting Sites
- Supported Room Systems
- Bandwidth Requirements
- Proximity

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- Join a Meeting from Jabber
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- Share Content from a Laptop on Your Room Device
- Video Layouts
- Screen Sharing
- White Boarding

### 12 - MICROSOFT TEAMS INTEGRATION WITH WEBEX

- Video Devices Joining Microsoft Teams Meetings
- Video Integration for Microsoft Teams (VIMT) gateway
- VIMT (CVI) Features
- VIMT Gateway Calendar Service and OBTP
- VIMT Gateway Signaling path
- VIMT Gateway Media path
- Microsoft Teams Interop – IVR/Direct Dial-in
- OBTP Implementation: Shared Mode vs Personal Mode
- Third party Scheduling Integration – Synergy SK

### 13 - WEBEX BOARDS

- Cisco WebEx Board
- WebEx Board Capabilities
- WebEx Board Setup
- WebEx Companion Mode
- WebEx Board as a Conference Solution
- Mounting Options
- Syncing the WebEx App with WebEx Board
- White Boarding Sharing Files
- WebEx Board Ad-Hoc Meeting
- WebEx Board Space Meeting

### 14 - WEBEX HYBRID DATA SECURITY

- Configuring Hybrid Data Security (optional)
- Hybrid Data Security Overview
- Set up a Hybrid Data Security Cluster

## Administering Video Devices, WebEx, Users, and WebEx Boards Registered in the Cisco Cloud (CLOUD-CONF)

- Manage HDS Deployment
- View Alerts and Troubleshoot

### 15 - WEBEX COMPLIANCE FEATURES

- Compliance Officer Role
- Cisco WebEx Compliance API
- Compliance Reports
- eDiscover Download Manager
- Compliance APIs
- Retention Policy
- Revoke User Tokens

### 16 - MONITORING / TROUBLESHOOTING THE WEBEX TEAMS SERVICE

- Check Status of WebEx Services
- Using WebEx Analytics
- Monitor and Troubleshoot Meeting Quality using Analytics
- Monitor and Troubleshoot WebEx Teams using Analytics
- Monitor and Troubleshoot Endpoints using Analytics
- Monitor and Troubleshoot Hybrid Services using the Expressway
- Monitoring Endpoints
- Troubleshooting Endpoint Registration
- External Health Portal
- Support and feedback through WebEx Teams App
- Troubleshooting Cisco WebEx Teams