

## Implementing Cisco Collaboration Cloud and Edge Solutions v1.0

**Course#: CLCEI**  
**Duration: 5 Days**  
**Price: 0.00**

### Course Description

The CLCEI - Implementing Cisco Collaboration Cloud and Edge Solutions v1.0 course provides you with knowledge about Cisco Expressway Series solutions enabling business-to-business (B2B) calls, Cisco Mobile, remote access, authentication options, and additional Cisco Expressway Series features. Through a combination of lessons and hands-on labs, you will learn how to leverage collaborative technology to access secure, collaborative work supports including video, voice, content, and remote workloads.

### Objectives

Configure and troubleshoot Cisco Unified Communications Manager and Cisco Expressway Series integration

Describe the Cisco Expressway-C additional features

Configure and troubleshoot Cisco Collaboration solutions for B2B calls

Describe how to secure B2B communication with Cisco Expressway Series

Describe the Mobile and Remote Access (MRA) feature

Describe the Cisco Expressway MRA security and integration options, including integration with Cisco Unity Connection and Cisco Instant Messaging and Presence (IMP)

Configure Cisco Webex-Hybrid Services

### Audience

Collaboration engineers

Collaboration administrators

### Prerequisites

Before taking this course, you should have the following knowledge and skills:

Understanding of networking technologies

Understanding voice and video

Knowledge of Cisco collaboration core technologies

Session Initiation Protocol (SIP) and Extensible Messaging and Presence Protocol (XMPP)

signaling protocol fundamentals

Collaboration call control fundamentals of Cisco Unified Communications Manage

## **Content**

Classroom Live Outline

Configuring and Troubleshooting the Cisco Expressway Series

Configuring Cisco Expressway Additional Features

Configuring and Troubleshooting Cisco Unified Communications Manager and Cisco Expressway Series

Configuring and Troubleshooting Cisco Collaboration Solutions for Business-to-Business

Securing Business-to-Business Communication

Configuring and Troubleshooting Mobile and Remote Access

Integrating and Securing Mobile and Remote Access

Configuring Cisco Webex Hybrid Services

Classroom Live Labs

Deploy Virtualized Cisco Expressway

Perform the Initial Cisco Expressway Series Configuration

Register Endpoints on Cisco Expressway Series

Call Search History and Registration

Troubleshooting Tools

Configure Cisco Expressway Series Bandwidth Management and Registration Restrictions

Troubleshoot Cisco Expressway Series Endpoint Registration and Local Dial Plan

Configure Cisco Expressway Series Security Features

Configure Cisco Unified Communications Manager to Connect with Cisco Expressway-C  
Troubleshoot Cisco Unified Communications Manager and Cisco Expressway Series Integration  
Configure Cisco Unified Communications Manager and Cisco Expressway Series Integration  
(Practice Activity)  
Implement a B2B Cisco Collaboration Solution  
Troubleshoot B2B Calls on the Cisco Expressway Series  
Troubleshoot B2B Calls on the Cisco Expressway Series (practice activity)  
Secure a B2B Cisco Collaboration Communication  
Configure MRA on the Cisco Expressway Series  
Troubleshoot MRA on the Cisco Expressway Series  
Configure MRA with Additional Application Integrations  
Prepare for Cisco Webex Teams Integration  
Configure Cisco Webex Hybrid Services