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**Learning Style: On Demand**

**Technology: Cisco**

**Difficulty: Intermediate**

**Course Duration: 40 Hours**

# Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) v1.0 - On Demand



## About this course:

The Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI) 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.

Though 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. This course also helps you prepare for the Implementing Cisco Collaboration Cloud and Edge Solutions (300-820 CLCEI) exam.

## Course Objective:

After taking this course, you should be able to:

- 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 (IM&P)
- Configure Cisco Webex® Hybrid Services

## Audience:

This course is designed for professionals in job roles such as:

- Collaboration engineers
- Collaboration administrators

## Prerequisite:

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

- Understanding of networking technologies
- Understanding of 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 Manager

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

- Understanding Cisco Collaboration Foundations (CLFNDU)
- Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

## Course 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**

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