Document Generated: 11/29/2026

Learning Style: On Demand

Technology: Cisco

Difficulty: Intermediate

Course Duration: 40 Hours

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



Course Information

About this course:

This course provides you the knowledge about Cisco Expressway Series solutions enabling remote access, authentication options, business-to-business (B2B) calls, Cisco Mobile, and additional Cisco Expressway Series features.

You will learn how to leverage collaborative technology to access secure, collaborative work supports including video, voice, content, and remote workloads with the help of thorough lessons and hands-on labs. Upon completing this course you will be prepared for the Implementing Cisco Collaboration Cloud and Edge Solutions (300-820 CLCEI) exam.

Course Objective:

After taking this course, you should be able to:

- 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
- 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

Audience:

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

- Collaboration administrators
- Collaboration engineers

Prerequisite:

You should have the following knowledge and skills before taking this exam:

- Session Initiation Protocol (SIP) and Extensible Messaging and Presence Protocol (XMPP) signaling protocol fundamentals
- Collaboration call control fundamentals of Cisco Unified Communications Manager
- Understanding of networking technologies
- Understanding of voice and video
- Knowledge of Cisco collaboration core technologies

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

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

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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