

Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)

ID CLCEI Price 3,595.— €(excl. tax) Duration 5 days

Course Overview

The **Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)** training provides you with an understanding of Cisco Expressway Series solutions, such as B2B calls, Cisco Mobile and Remote Access for remote workers, authentication options, and additional Cisco Expressway Series features. Topics covered also include details about the Webex solutions, and the benefits of hybrid integrations between Cisco on-premises solutions and Webex Meetings in the cloud. This training also earns you 40 Continuing Education (CE) credits towards recertification.

This training helps prepare you to take the exam:

300-820 Implementing Cisco Collaboration Cloud and Edge Solutions (CLCEI)

How You'll Benefit

This course will help you:

- Acquire the knowledge and skills to use the tools and systems designed to facilitate team-based collaboration whether in-office or remote.
- Gain hands-on experience in using Cisco Expressway software for secure, remote access for phones, endpoints, smartphones, tablets, video, and other communication devices to support nontraditional workspaces.

Who should attend

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

- Collaboration engineers
- Collaboration administrators

This course is part of the following Certifications

Cisco Certified Network Professional Collaboration (CCNP COLLABORATION)

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 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 Objectives

- Describe the Cisco Expressway Core features and functionality within the collaboration architecture
- Describe the Cisco Expressway Core additional features
- Configure and troubleshoot Cisco Unified Communications Manager and Cisco Expressway Series integration
- Configure and troubleshoot Cisco Collaboration solutions for Business-to-Business 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 Unified Communications Manager IM and Presence Service

- Describe deployment models for Cisco Webex cloud-based collaboration, management of users and sites within Webex Control Hub, and other administrative tasks
- Describe Cisco Webex Hybrid Services

Detailed 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

About Fast Lane



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