

# Understanding Cisco Collaboration Foundations (CLFNDU)

## Description

The Understanding Cisco Collaboration Foundations (CLFNDU) 1.0 course gives you the skills and knowledge needed to administer and support a simple, single-site Cisco® Unified Communications Manager (CM) solution with Session Initiation Protocol (SIP) gateway. The course covers initial parameters, management of devices including phones and video endpoints, management of users, and management of media resources, as well as Cisco Unified Communications solutions maintenance and troubleshooting tools. In addition, you will learn the basics of SIP dial plans including connectivity to Public Switched Telephone Network (PSTN) services, and how to use class-of-service capabilities.

This course provides the fundamental knowledge needed to take CCNP® Collaboration certification courses. It also serves as entry-level training for newcomers to Cisco on-premise collaboration technologies.

## Course Content

Module 1: Exploring the Path to Collaboration Module 2: Introducing Cisco Unified Communications Manager and Initial Parameters Module 3: Exploring Endpoints and the Registration Process Module 4: Exploring Codecs and Call Signaling Module 5: Managing Users in Cisco Unified Communication Manager Module 6: Describing a Basic Dial Plan Module 7: Describing Class of Service Module 8: Enabling Endpoints and Features Module 9: Describing the Cisco ISR as a Voice Gateway Module 10: Exploring Cisco Unified Communication Manager Media Resources Module 11: Reporting and Maintenance Module 12: Exploring Additional Requirements for Video Endpoints Module 13: Describing Cisco Unity Connection

## Lab / Exercises

- Lab et exercices officiels Cisco

## Documentation

- Digital courseware included

## Participant profiles

- Network administrators
- Network engineers
- Systems engineers

## Prerequisites

- Internet web browser usability knowledge and general computer usage
- Knowledge of Cisco Internetwork Operating System (Cisco IOS®) command line

## Objectives

- Define collaboration and describe the main purpose of key devices in a Cisco collaboration on-premise, hybrid, and cloud deployment model
- Configure and modify required parameters in Cisco Unified Communications Manager (CM)
- Deploy and troubleshoot IP phones
- Manage Cisco Unified CM user accounts
- Deploy a simple SIP dial plan on a Cisco Integrated Service Routers (ISR) gateway to enable access to

the PSTN network

- Manage Cisco UCM access to media resources available within Cisco UCM and Cisco ISR gateways

**Description**

Understanding Cisco Collaboration Foundations (CLFNDU) Training

**Niveau**

Fondamental

**Classroom Registration Price (CHF)**

4350

**Virtual Classroom Registration Price (CHF)**

4350

**Duration (in Days)**

5

**Reference**

CIS-CLFNDU