

CLFNDU

Understanding Cisco Collaboration Foundations

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 Contents

- Exploring the Path to Collaboration
- Introducing Cisco Unified Communications Manager and Initial Parameters
- Exploring Endpoints and the Registration Process
- Exploring Codecs and Call Signaling
- Managing Users in Cisco Unified Communication Manager
- Describing a Basic Dial Plan
- Describing Class of Service
- Enabling Endpoints and Features
- Describing the Cisco ISR as a Voice Gateway
- Exploring Cisco Unified Communication Manager Media Resources
- Reporting and Maintenance
- Exploring Additional Requirements for Video Endpoints
- Describing Cisco Unity Connection

E-Book You will receive the original course documentation from Cisco in English language as a Cisco E-Book. In the Cisco Digital Learning Version, the content of the courseware is integrated into the learning interface instead.

Target Group

Job Roles

- Students preparing to take the CCNP Collaboration certification
- Network administrators
- Network engineers
- Systems engineers

Prerequisites

This course is intended to be an entry-level course. There are no specific prerequisite Cisco courses; however, the following skills are required:

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

Processing time

approx. 30 hours

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.expertech-training.com/go/CLFN

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Cisco Digital Learning

We are also offering this course as a Cisco Digital Learning module. These multi-modal training events include HD videos with searchable text, labs, exercises, and comprehensive course documentation.

Cisco Digital Learning	Prices, excl. of V.A.T.
	€ 1,500

Training	Prices, excl. of V.A.T.
Classes in Germany	5 Days € 3,195
Online Training	5 Days € 3,195
Date/course venue	Course language German 
27/02-03/03/23  Frankfurt	27/02-03/03/23  Online



Table of Contents

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Course Outline

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 - Exploring Cisco Unified Communication Manager Media Resources
 - Reporting and Maintenance
 - Exploring Additional Requirements for Video Endpoints
 - Describing Cisco Unity Connection
- Examine the Integration between Unity Connection and Cisco Unified CM
 - Manage Unity Connection Users

Lab Outline

- Configure Default Cisco Unified CM System and Enterprise Parameters
- Configure the Cisco Unified CM Core System Settings
- Configure an Access Switch for an Endpoint
- Deploy an IP Phone Through Auto and Manual Registration
- Administer Endpoints in Cisco Unified Communications Manager
- Create a Local User Account and Configure LDAP
- Implement Users
- Create a Basic Dial Plan
- Explore Partitions and Call Search Spaces
- Describe Private Line Automatic Ringdown (PLAR)
- Deploy an On-Premise Cisco Jabber® Client for Windows
- Implement Common Endpoint Features
- Configure Common Endpoint Features
- Configure Voice over Internet Protocol (VoIP) Dial Peers
- Configure Integrated Service Digital Network (ISDN) Circuits and Plain Old Telephone Service (POTS) Dial Peers
- Control Access to Media Resources
- Use Reporting and Maintenance Tools
- Explore Endpoint Troubleshooting Tools



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