

Understanding Cisco Collaboration Foundations (CLFNDU) 2.0

Duration: 40 HRS

The **Understanding Cisco Collaboration Foundations (CLFNDU)** training 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.

Prerequisite

This training is intended to be an entry-level course. While 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

Course Outline

- Collaboration Technology and Benefits
- Codecs and Call Signaling
- User Management in Cisco Unified Communications Manager
- Endpoints and Phones

- Initial Parameters Administration for Cisco Unified Communications Manager
- Registration Process to Cisco Unified Communications Manager
- Basic Dial Plan
- Class of Service
- Reporting and Maintenance
- Media Resources
- Cisco Meeting Server Integration with Cisco Unified Communications Manager
- Cisco Instant Messaging and Presence Service
- Soft Client Registration to Cisco Unified Communication Manager
- Cisco Unity Connection
- Edge Services
- Cisco Expressway Series
- Cisco Unified Border Element
- Control Hub
- User Management in Control Hub
- Registration Process to Control Hub
- Webex Calling Options
- Webex Calling Features
- Cloud Management and Troubleshooting
- Cloud and Hybrid Media Resources
- Cisco Webex Hybrid Cloud Connected Unified Communications
- Cisco Webex Hybrid Services

Lab Outline

- Create a Local User Account and Configure LDAP
- Configure Cisco Unified Communication Manager Initial Parameters

- Configure Cisco Unified Communications Manager Core System Settings
- Deploy an IP Phone Through Manual Registration
- Create a Basic Dial Plan
- Explore Partitions and CSSs
- Use Reporting and Maintenance Tools
- Register Cisco Meeting Server to Cisco Unified Communications Manager
- Register Cisco Jabber Client to Cisco Unified Communications Manager
- Configure the Integration Between Cisco Unity Connection and Cisco Unified Communications Manager
- Manage Cisco Unity Connection Users
- Explore the Configuration of Traversal Zones in Cisco Expressway
- Explore the Cisco Unified Border Element Interoperability between VoIP Networks
- Explore the Configuration of Webex Control Hub
- Add Users to Webex Control Hub
- Configure Webex Calling Using Cisco Calling Plans
- Configure Webex Calling Features in Control Hub