



LUMIFY WORK Implementing Collaboration Core Technologies User Guide

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LUMIFY WORK Implementing Collaboration Core Technologies



Product Information

Specifications

- Product Name: Implementing Cisco Collaboration CoreTechnologies (CLCOR)
- Length: 5 days
- Price (Incl. GST): \$6590
- Version: 1.2

About Lumify Work

Lumify Work is the largest provider of authorized Cisco training in Australia. They offer a wider range of Cisco courses and run them more frequently than any of their competitors. Lumify Work has won awards such as ANZ Learning Partner of the Year (twice!) and APJC Top Quality Learning Partner of the Year.

Digital Courseware

Cisco provides students with electronic courseware for this course. Students who have a confirmed booking will receive an email prior to the course start date with a link to create an account via learningspace.cisco.com. Please note that any electronic courseware or labs will only be available on the first day of the class.

What You'll Learn

- Describe the Cisco Collaboration solutions architecture
- Compare the IP Phone signaling protocols of Session Initiation Protocol (SIP), H323, Media Gateway Control Protocol (MGCP), and Skinny Client Control Protocol (SCCP)
- Integrate and troubleshoot Cisco Unified Communications Manager with LDAP for user synchronization and user authentication
- Implement Cisco Unified Communications Manager provisioning features
- Describe the different codecs and how they are used to transform analog voice into digital streams
- Describe a dial plan and explain call routing in Cisco Unified Communications Manager
- Describe cloud calling using the on-premises local gateway option through Webex by Cisco
- Configure calling privileges in Cisco Unified Communications Manager
- Implement toll fraud prevention
- Implement globalized call routing within a Cisco Unified Communications Manager cluster
- Implement and troubleshoot media resources in Cisco Unified Communications Manager
- Implement and troubleshoot Webex Calling dial plan features in a hybrid environment
- Deploy the Webex app in a Cisco Unified Communications Manager environment and migrate from Cisco Jabber to Webex app
- Configure and troubleshoot Cisco Unity Connection integration
- Configure and troubleshoot Cisco Unity Connection call handlers
- Describe how Mobile Remote Access (MRA) is used to allow endpoints to work from outside the company

Contact Information

For more information, you can contact Lumify Work:

- Call: 1800 853 276

- Email:
- Website:

<https://www.lumifywork.com/en-au/courses/implementing-cisco-collaboration-core-technologies-clcor/>

Social Media

- Facebook: facebook.com/LumifyWorkAU
- LinkedIn: linkedin.com/company/lumify-work
- Twitter: twitter.com/LumifyWorkAU
- YouTube: youtube.com/@lumifywork

Product Usage Instructions

Courseware Access

To access the electronic courseware and labs, please follow these steps:

1. After booking the course, you will receive an email before the course start date.
2. In the email, you will find a link to create an account via learningspace.cisco.com.
3. Create your account using the provided link.
4. Access to the electronic courseware and labs will be available on the first day of the class.

Frequently Asked Questions (FAQ)

Q: How long is the course?

A: The course duration is 5 days.

Q: What is the price of the course?

A: The price of the course, including GST, is \$6590.

Q: What version is the course?

A: The current version of the course is 1.2.

Q: How can I contact Lumify Work for more information?

A: You can call Lumify Work at 1800 853 276 or send an email to

Implementing Cisco Collaboration Core Technologies (CLCOR)

CISCO AT LUMIFY WORK

Lumify Work is the largest provider of authorised Cisco training in Australia, offering a wider range of Cisco courses, run more often than any of our competitors. Lumify Work has won awards such as ANZ Learning Partner of the Year (twice!) and APJC Top Quality Learning Partner of the Year.

APPLICATION

WHY STUDY THIS COURSE

This course provides you with the knowledge and skills to deploy, configure and troubleshoot core collaboration and networking technologies. Topics include infrastructure design protocols, codecs, and endpoints, Cisco

Internetwork Operating System (IOS®) XE gateway and media resources, call control, and Quality of Service (QoS).

Digital courseware: Cisco provides students with electronic courseware for this course. Students who have a confirmed booking will be sent an email prior to the course start date, with a link to create an account via learningspace.cisco.com before they attend their first day of class. Please note that any electronic courseware or labs will not be available (visible) until the first day of the class.

WHAT YOU'LL LEARN

After taking this course, you should be able to:

- Describe the Cisco Collaboration solutions architecture
- Compare the IP Phone signaling protocols of Session Initiation Protocol (SIP), H323, Media Gateway Control Protocol (MGCP), and Skinny Client Control Protocol (SCCP)
- Integrate and troubleshoot Cisco Unified Communications Manager with LDAP for user synchronisation and user authentication
- Implement Cisco Unified Communications Manager provisioning features
- Describe the different codecs and how they are used to transform analog voice into digital streams
- Describe a dial plan and explain call routing in Cisco Unified Communications Manager
- Describe cloud calling using the on-premises local gateway option through Webex by Cisco
- Configure calling privileges in Cisco Unified Communications Manager
- Implement toll fraud prevention
- Implement globalised call routing within a Cisco Unified Communications Manager cluster
- Implement and troubleshoot media resources in Cisco Unified Communications Manager
- Implement and troubleshoot Webex Calling dial plan features in a hybrid environment
- Deploy the Webex app in a Cisco Unified Communications Manager environment and migrate from Cisco Jabber to Webex app
- Configure and troubleshoot Cisco Unity Connection integration
- Configure and troubleshoot Cisco Unity Connection call handlers
- Describe how Mobile Remote Access (MRA) is used to allow endpoints to work from outside the company
- Analyse traffic patterns and quality issues in converged IP networks supporting voice, video, and data traffic
- Define QoS and its models
- Implement classification and marking
- Configure classification and marking options on Cisco Catalyst switches

My instructor was great being able to put scenarios into real-world instances that related to my specific situation. I was made to feel welcome from the moment I arrived and the ability to sit as a group outside the classroom to discuss our situations and our goals was extremely valuable.

I learned a lot and felt it was important that my goals by attending this course were met.

Great job Lumify Work team.

AMANDA NICOL IT SUPPORT SERVICES MANAGER – HEALTH WORLD LIMITED

COURSE SUBJECTS

- Cisco Collaboration Solutions Architecture
- Call Signaling over IP Networks
- Cisco Unified Communications Manager LDAP

- Cisco Unified Communications Manager Provisioning Features
- Exploring Codecs
- Dial Plans and Endpoint Addressing
- Cloud Calling Hybrid Local Gateway
- Calling Privileges in Cisco Unified Communications Manager
- Toll Fraud Prevention
- Globalised Call Routing
- Media Resources in Cisco Unified Communications Manager
- Webex Calling Dial Plan Features
- Webex App
- Cisco Unity Connection Integration
- Cisco Unity Connection Call Handlers
- Collaboration Edge Architecture
- Quality Issues in Converged Networks
- QoS and QoS Models
- Classification and Marking
- Classification and Marking on Cisco Catalyst Switches

Lab Outline

- Use Certificates
- Configure IP Network Protocols
- Configure and Troubleshoot Collaboration Endpoints
- Troubleshoot Calling Issues
- Configure and Troubleshoot LDAP Integration in Cisco Unified Communications Manager
- Deploy an IP Phone Through Auto and Manual Registration
- Configure Self-Provisioning
- Configure Batch Provisioning
- Configure Regions and Locations
- Implement Endpoint Addressing and Call Routing
- Configure Calling Privileges
- Implement Toll Fraud Prevention on Cisco Unified Communications Manager
- Implement Globalised Call Routing
- Configure the Integration Between Unity Connection and Cisco Unified CM
- Manage Unity Connection Users
- Configure QoS

WHO IS THE COURSE FOR?

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

We can also deliver and customise this training course for larger groups – saving your organisation time, money

and resources. For more information, please contact us on 1800 U LEARN (1800 853 276)

PREREQUISITES

Before taking this offering, you should have:

- Working knowledge of fundamental terms of computer networking, including LANs, WANs, switching, and routing
- Basics of digital interfaces, Public Switched Telephone Networks (PSTNs), and Voice over IP (VoIP)
- Fundamental knowledge of converged voice and data networks and Cisco Unified Communications Manager deployment

The supply of this course by Lumify Work is governed by the booking terms and conditions. Please read the terms and conditions carefully before enrolling in this course, as enrolment in the course is conditional on acceptance of these terms and conditions.

<https://www.lumifywork.com/en-au/courses/implementing-cisco-collaboration-core-technologies-c/cor/>

Call 1800 853 276 and speak to a Lumify Work Consultant today!

lumifywork.com

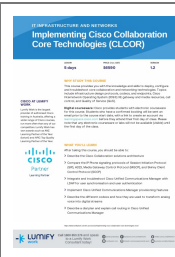
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Documents / Resources

	<p>LUMIFY WORK Implementing Collaboration Core Technologies [pdf] User Guide Implementing Collaboration Core Technologies, Collaboration Core Technologies, Core Technologies, Technologies</p>
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References

-  [Cisco Learning Network Space](#)
-  [Lumify Work | Lumify Work AU](#)
-  [Cisco Learning Network Space](#)
-  [Lumify Work | Lumify Work AU](#)
-  [Implementing Cisco Collaboration Core Technologies \(CLCOR\) | Lumify Work AU](#)
- [User Manual](#)

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