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IMPLEMENTING AUTOMATION FOR CISCO COLLABORATION SOLUTIONS (CLAUI) V1.0

The Implementing Automation for Cisco Collaboration Solutions (CLAUI) v1.0 course teaches you how to implement Cisco® Collaboration automated, programmable solutions for voice, video, collaboration, and conferencing on-premises or in the cloud. Through a combination of lessons and hands-on labs, you will combine tools and processes to tackle communication challenges using key platforms including Cisco Unified Communications Manager, Cisco IP Phone Services, Cisco Unity® Connection, Cisco Finesse®, Cisco Collaboration Endpoints, Cisco Webex Teams™, and Cisco Webex® Meetings. You will also learn how to use application programming interfaces (APIs) interfaces such as Representational State Transfer (REST) and Simple Object Access Protocol (SOAP), parsing data in Extensible Markup Language (XML) and JavaScript Object Notation (JSON) formats, and leverage frameworks such as Python.

This course prepares you for the 300-835 Automating and Programming Cisco Collaboration Solutions (CLAUTO) certification exam.

How you'll benefit

This class will help you:

- Gain the high-demand knowledge and skills to implement automation and programmability to modernize and tailor your network infrastructure
- Learn hands-on training to streamline, design, and configure efficient web services
- Earn 24 Continuing Education Credits toward recertification

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses



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Objectives

Upon completing this course, the student will be able to meet these objectives:

- Examine API and automation capabilities and concepts for Cisco Unified Communication Manager
- Examine API and automation capabilities and concepts for Cisco Unity Connection
- Examine API and automation capabilities and concepts for Cisco Finesse
- Examine Experience API (xAPI) and automation capabilities and concepts for Cisco Collaboration endpoints
- Examine API and automation capabilities and concepts for Cisco Webex Teams
- Examine API and automation capabilities and concepts for Cisco Webex Meetings

Course Duration

3 day

Course Price

\$3,995.00

Methods of Delivery

- ILT
- V-ILT

Certification Exam

300-835

Cisco CE Credits

24

Who Should Attend

This course is designed for network and software engineers interested in Cisco Collaboration and Webex automation and who hold job roles such as:

- Network Engineer
- Systems Engineer
- Consulting Systems Engineer
- Technical Solutions Architect
- Network Administrator
- Collaboration Solutions Architect
- Collaboration Software Developer
- Collaboration Sales Engineer
- Wireless Engineer
- Wireless Design Engineer
- Network Manager
- Software Developer
- Software Architect



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Prerequisites

Before taking this course, you should have the following knowledge and skills:

- Basic knowledge of Simple Object Access Protocol (SOAP) and REST APIs
- Basic programming and scripting skills in Python
- Intermediate knowledge in managing and configuring three or more of the following Cisco Collaboration offerings:
 - Cisco Unified Communications Manager
 - Cisco IP Phones
 - Cisco Finesse
 - Cisco Webex Devices (Collaboration and Video Endpoints)
 - Cisco Webex Teams

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

- Introducing Automation for Cisco Solutions (CSAU)
- Implementing and Administering Cisco Solutions (CCNA®)
- Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)
- Understanding Cisco Collaboration Foundations (CLFNDU)
- Programming Use Cases for Cisco Digital Network Architecture (DNAPUC)
- Introducing Cisco Network Programmability (NPICNP)

Course Outline

Module 1: Automating Cisco Unified Communications Manager

Module 2: Automating Cisco Unity Connection

Module 3: Automating Cisco Finesse

Module 4: Examining Cisco Collaboration Endpoint Automation



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Module 5: Examining Cisco Cloud Collaboration Automation

Module 6: Examining Cisco Conferencing Automation

LAB OUTLINE

- Configure the Initial Collaboration Lab Environment
- Verify Phone Details
- Configure Phone Line Label
- Configure User Pin
- Configure System Forward No Answer Timer
- Configure Route Plan Report
- Deploy Basic SQL Query
- Deploy Advanced SQL Query
- Configure an Alternate Extension in Cisco Unity Connection
- Configure Voicemail Pin
- Verify Cisco Finesse Agent Settings and Observe XMPP Messages
- Deploy Cisco Finesse Gadget
- Deploy Modify Call Via Video Codec Programmatically
- Configure System Name and Branding
- Deploy and Monitor Video Call
- Configure Custom Control Panel Using the In-Room Control Editor
- Deploy Macro Using the In-Room Control Editor
- Verify Cisco Webex Organization and License Information
- Configure New Cisco Webex Teams Room
- Deploy Cisco Webex Teams Interactive Bot
- Deploy Cisco Webex Teams Widget
- Configure Cisco Webex Meetings User
- Configure and Record Cisco Webex Meeting
- Verify Cisco Meeting Server System Status
- Configure Host Access on Cisco Meeting Server Spaces