Implementing Automation for Cisco Collaboration Solutions (CLAUI)

Cisco

- **Nível:** Avançado
- **Duração:** 21h

Sobre o curso

The **Implementing Automation for Cisco Collaboration Solutions (CLAUI)** 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.

This course 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
- Prepare for the **300-835 CLAUTO**exam

After taking this course, you should be able to:

- 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

Destinatários

Network and software engineers interested in Cisco Collaboration and Webex automation.

Condições

Após a formação, é possível adquirir, o exame de certificação do parceiro oficial com 10% de desconto. Oferta válida até 6 meses após a conclusão do curso.

Pré-requisitos

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:

- Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

Metodologia

Instructor-led training: 3 days in the classroom plus hands-on lab practice.

Programa

- Automating Cisco Unified Communications Manager

- Automating Cisco Unity Connection
- Automating Cisco Finesse
- Examining Cisco Collaboration Endpoint Automation
- Examining Cisco Cloud Collaboration Automation
- Examining Cisco Conferencing Automation

Automating Cisco Unified Communications Manager

- Cisco Unified Communications Manager: AXL API Overview
- Built-In AXL API Calls
- SQL API Calls
- Computer Telephony Integration
- CDRs and Performance APIs
- Phone Services APIs

Automating Cisco Unity Connection

- Cisco Unity Connection

Automating Cisco Finesse

- Cisco Finesse APIs
- Cisco Finesse Gadgets

Examining Cisco Collaboration Endpoint Automation

- Cisco xAPI Overview
- In-Room Control Editor Introduction
- Macro Introduction

Examining Cisco Cloud Collaboration Automation

- Cisco Webex Administration API Overview
- Cisco Webex Teams Bots Overview
- Widgets Overview
- Cisco Webex Teams SDK

Examining Cisco Conferencing Automation

- Cisco Webex Meetings API

- Cisco Meeting Server API

Labs

- 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 and Alternate Extension in Cisco Unity Connection
- Configure Voicemail Pin
- Verify Agent Settings

- Deploy Gadget
- Configure Cisco Webex Meetings User
- Configure and Record Cisco Webex Meeting
- Verify System Status
- Configure Host Access on Cisco Meeting Server Spaces