CLAUI

Implementing Automation for Cisco Collaboration Solutions

24 horas | Automation, Programmability & DNA | Cisco

INTRODUÇÃO

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. Introducing Automation for Cisco Solutions (CSAU) is required prior to enrolling in Implementing Automation for Cisco Collaboration Solutions (CLAUI) because it provides crucial foundational knowledge essential to success.

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.

The 300-835 CLAUTO exam certifies your knowledge and skills related to implementing applications that automate and extend Cisco Collaboration platforms including programming concepts, APIs and automation protocols, and Python programming.

After you pass 300-835 CLAUTO, you earn the Cisco Certified DevNet Specialist - Collaboration Automation and Programmability certification, and you satisfy the concentration exam requirement for these professional-level certifications:
• CCNP® Collaboration;
• Cisco Certified DevNet Professional.

OBJETIVO DO CURSO

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.

PÚBLICO-ALVO

This course is designed for network and software engineers interested in Cisco Collaboration and Webex automation.

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) and 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) .

CONTEÚDO PROGRAMÁTICO

Course Introduction

Course Outline

Course Goal & Objectives

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

Lab outline

Lab 1: Configure the Initial Collaboration Lab Environment

Lab 2: Verify Phone Details

Lab 3: Configure Phone Line Label

Lab 4: Configure User Pin

Lab 5: Configure System Forward No Answer Timer

Lab 6: Configure Route Plan Report

Lab 7: Deploy Basic SQL Query

Lab 8: Deploy Advanced SQL Query

Lab 9: Configure an Alternate Extension in Cisco Unity Connection

Lab 10: Configure Voicemail Pin

Lab 11: Verify Agent Settings

Lab 12: Deploy Gadget

Lab 13: Deploy Modify Call Via Video Codec

Lab 14: Configure System Name and Branding

Lab 15: Deploy and Monitor Video Call

Lab 16: Configure Custom Control Panel

Lab 17: Deploy Macro

Lab 18: Verify Cisco Webex Organization and License Information

Lab 19: Configure New Cisco Webex Teams Room

Lab 20: Deploy Interactive Bot

Lab 21: Deploy Widget

Lab 22: Configure Cisco Webex Meetings User

Lab 23: Configure and Record Cisco Webex Meeting

Lab 24: Verify System Status

Lab 25: Configure Host Access on Cisco Meeting Server Spaces