

E-Learning - Implementing Automation for Cisco Collaboration Solutions

Cisco - On Demand E-Learning

The Implementing Automation for Cisco Collaboration Solutions (CLAU1) 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 XML and JavaScript Object Notation (JSON) formats, and leverage frameworks such as Python.

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

Access Duration: 180 days

Continuing Education Credits: 24

Purpose of the training

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
- Technical solutions architect
- Collaboration solutions architect
- Collaboration software developer
- Collaboration sales engineer
- Wireless engineer
- Wireless design engineer
- Network manager
- Software developer
- Software architect



Benefits of completing the training

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



Exam description

Certification

Associated Certifications: [CCNP Collaboration](#), [Cisco Certified DevNet Professional](#)

Associated Exam: [300-835 CLAUTO](#)



Expected Listener Preparation

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 Administering Cisco Solutions (CCNA)
- Introducing Automation for Cisco Solutions (CSAU)
- 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)



Training Language

Language: English

Materials: English



Training Includes

- Labs
- Self-Paced Training

Duration

1 days / 1 hours

Training agenda

- 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