



Developing Applications for Cisco Webex and Webex Devices (DEVWBX) v1.1

What you'll learn in this course

The **Developing Applications for Cisco Webex and Webex Devices (DEVWBX)** v1.1 course prepares you to use the programmability features of Webex, the Cisco enterprise solution for video conferencing, online meetings, online training, webinars, web conferencing, cloud calling, and collaboration. Through a combination of lessons and hands-on labs, you will learn about Webex Application Programming Interface (API) Foundation, meetings, devices, teams, messaging, embedding Cisco Webex, administration, and compliance. You will learn how to leverage Webex APIs to extend the functionalities of teams, meetings, and devices, and explore how these APIs can help automate, administer, and enforce compliance.

This course prepares you for the **300-920 Developing Applications for Cisco Webex and Webex Devices (DEVWBX)** exam. You will also earn 40 Continuing Education (CE) credits toward recertification.

Course duration

- Instructor-led training: 5 days in the classroom with video demos
- Virtual instructor-led training: 5 days of web-based classes with video demos
- E-learning: Equivalent to 5 days of classroom instruction

How you'll benefit

This course will help you:

- Learn how to use the integrated communication features of the Webex platform for secure virtual meetings, data sharing, videoconferencing, mobility, and team collaboration
- Gain hands-on experience using agile Webex tools for interactive communication and adding Webex functionalities to existing applications
- Earn 40 CE credits toward recertification
- Prepare for the **300-920 DEVWBX** exam

Who should enroll

This course is designed for professionals in job roles such as:

- Communication engineers
- Project managers
- Network engineers
- Software engineers
- System architects

What to expect in the exam

The **300-920 DEVWBX** exam certifies your knowledge and skills related to Webex API foundations, Webex meetings, WebEx devices, messaging, embedding Webex, and administration and compliance.

After you pass **300-920 DEVWBX exam**, you earn the **Cisco Certified DevNet Specialist - Webex** certification, and you satisfy the concentration exam requirement for the Cisco Certified DevNet Professional certification.

Technology areas

- Network automation

Course details

Objectives

After taking this course, you should be able to:

- Describe and use Webex APIs, authentication, and documentation
- Manage meetings using the Webex Meetings Representational State Transfer (REST) API and Extensible Markup Language (XML) API
- Manage and extend Cisco Collaboration Devices with Experience API (xAPI), macros, and user interface customizations
- Program with WebEx teams REST API, cards, webhooks, and bots
- Embed Webex collaboration features into web and mobile applications using the Webex teams JavaScript SDK, widgets, and mobile Software Development Kits (SDKs)
- Manage Webex administration and compliance using JavaScript



Recommended knowledge and training

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

- Basic programming knowledge
- JavaScript, Node.js, JavaScript Object Notation (JSON), REST syntax and uses, and Visual Studio Code Integrated Development Environment (IDE) familiarity
- Knowledge of Webex products usage and administration: Webex Teams, Meetings, and devices

Outline

- Introducing Webex APIs Foundations
 - Webex as an Extensible Platform
- Building Cisco Webex Teams Applications
 - Introduction to Webex Messaging
- Developing with Webex Meetings XML API
 - Describe the Capabilities of Cisco Webex Meetings APIs
- Automating and Extending Cisco Collaboration Devices with xAPI
 - Overview, Capabilities and Transport Methods for Cisco Endpoint Device Programmability
- Embedding Cisco Webex
 - Benefits of Embedding Cisco Webex into Other Applications
- Managing Administration and Compliance with Cisco Webex APIs
 - Administer a Cisco Webex Organization

How to enroll

To enroll in the DEVWBX course or explore our larger catalog of courses on Cisco Digital Learning, contact us at <LP email/URL>

Labs Outline

- Experience the Webex APIs Documentation and Use the Webex Teams API
- Configure Authentication and Invoke the Webex Teams API
- Create and Retrieve Messages with JavaScript
- Create a Webex Card
- Building a Webex Bot Using Botkit
- Configure a Webex Integration
- Manage Users, Schedule and Edit a Meeting, and Download a Recording
- Using xAPI for Cisco Collaboration Endpoint Devices
- Add Cisco Webex Teams Widget to a Web Page
- Call, Share Screen, and Send Messages with the Browser SDK
- Create a User and View License Usage
- Retrieve Created Messages to Take a Compliance Action

