
Cisco® Developing Applications for Cisco® Webex and Webex Devices v1.0 (DEVWBX)

Overview

The Developing Applications for Cisco Webex and Webex Devices (DEVWBX) v1.0 course prepares you to use the programmability features of Webex®, 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.

Prerequisite Comments

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: teams, meetings, and devices

Target Audience

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

Network engineer

Communication engineer

Software engineer

Course 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 customization

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

Course Outline

1 - Introducing Webex APIs Foundations

Webex as an Extensible Platform

2 - Managing Meetings with the Cisco Webex Meetings XML API

Describe the capabilities of Cisco Webex meeting APIs

3 - Automating and Extending Cisco Collaboration Devices with xAPI

Manage and extend Cisco collaboration devices with xAPI, macros, and user interface customizations

4 - Building Webex Teams Applications

Describe the different uses and capabilities for Webex Teams programmability

5 - Embedding Cisco Webex

Embed Webex collaboration features into web and mobile applications using the Webex Teams™ JavaScript SDK, widgets, and Mobile SDKs

6 - Managing Administration and Compliance with Cisco Webex Teams APIs

Construct the JavaScript code to administer a Webex organization including users, licenses and devices
