

# DEVWBX (DEVELOPING APPLICATIONS FOR CISCO WEBEX AND WEBEX DEVICES (DEVWBX) V1.1) 1.1

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## Objetivo

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

## Público Alvo

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

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

## Pré-Requisitos

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

## Carga Horária

40 horas (5 dias).

## Conteúdo Programático

### 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 meeting 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

#### Lab 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