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

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.

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

Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses

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Objectives

Upon completing this course, the student will be able to meet these objectives:

- 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

Course Duration
5 day

Course Price
$4,500.00

Methods of Delivery
- ILT
- V-ILT

Certification Exam
300-920

Cisco CE Credits
40

Who Should Attend

The job roles best suited to the material in this course are:
- Network Engineers
- Communications Engineers
- Software Engineers
- Project Managers
- Systems Architects

Prerequisites

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

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Course Outline

Module 1: Introducing Webex APIs Foundations

- Webex as an Extensible Platform

Module 2: Building Cisco Webex Teams Applications

- Introduction to Webex Messaging

Module 3: Developing with Webex Meetings XML API

- Describe the capabilities of Cisco Webex meeting APIs

Module 4: Automating and Extending Cisco Collaboration Devices with xAPI

- Overview, Capabilities and Transport Methods for Cisco Endpoint Device Programmability

Module 5: Embedding Cisco WebEx

- Benefits of Embedding Cisco Webex into Other Applications

Module 6: 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

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- 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

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