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Learning Style: On Demand

Technology: Cisco

Difficulty: Intermediate

Course Duration: 40 Hours

Developing Applications for Cisco Webex and Webex Devices (DEVWBX) v1.0 - On Demand



Course Information

About this course:

After taking The Developing Applications for Cisco Webex and Webex Devices

(DEBWBX) v1.0 course you will be prepared to use the programmability features of Webex®, Cisco's enterprise solution for online meetings, online training, video conferencing, web conferencing, webinars, cloud calling, and collaboration.

The course will also help you learn Webex Application Programming Interface (API) Foundation, meetings, devices, teams, messaging, embedding Cisco Webex, administration, and compliance. You will develop the ability to leverage Webex APIs to extend the functionalities of teams, meetings, and devices, and build understanding on how these APIs can help automate, administer, and enforce compliance.

This course helps you prepare for the Developing Applications for Cisco Webex and Webex Devices (300-920 DEBWBX) exam.

Course Objective:

The course will enable you to:

- 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)
- Describe and use Webex APIs, authentication, and documentation
- Manage Webex administration and compliance using JavaScript
- Manage meetings using the Webex Meetings Representational State Transfer (REST) API and XML API

Audience:

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

- Network engineer
- Communication engineer
- Software engineer

Prerequisite:

Having the following knowledge and skills will help you excel in this course:

- 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
- Basic programming knowledge

Course Outline:

Introducing Webex APIs Foundations

- Webex as an Extensible Platform

Managing Meetings with the Cisco Webex Meetings XML API

- Describe the capabilities of Cisco Webex meeting APIs

Automating and Extending Cisco Collaboration Devices with xAPI

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

Building Webex Teams Applications

- Describe the different uses and capabilities for Webex Teams programmability

Embedding Cisco Webex

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

Managing Administration and Compliance with Cisco Webex Teams APIs

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