Developing Applications for Cisco Webex and Webex Devices (DEVWBX)

COURSE OVERVIEW

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

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 in 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 and join the DevNet class of 2020

WHO WILL BENEFIT FROM THIS COURSE?

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

- Communication engineer
- Project Managers
- Network engineer
- Software engineer
- System 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

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 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 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

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

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

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Premiere World Class Instruction Team

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- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

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