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WHERE GREAT TRAINING HAPPENS EVERYDAY!

Webex Macros, APIs and Programmability for Webex Devices, Control Hub and Meetings (WBXMAP) V1.0

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This 5-day class is meant for Administrators and Engineers that are starting their Journey Towards Programmability for Webex and Devices. It covers the Basics of REST, JSON, Python, Postman, JavaScript, Bots, Integrations, UI Extensions, Macros, and Digital Signage. Student will use Postman, Ansible and other programs to be able to gather statistics, monitor, and configure the Webex Portal and Webex Devices. Students will setup Macros to be able to Control Lighting systems and Room Controls. Students will create Python Scripts to Create and Modify Webex Meetings.

How you'll benefit

This class will help you:

- This class will help Students bridge the gap between CLI/GUI and API
- Students will get introduced to API Technologies and will start them on their Journey to API Engineering

Why Attend with Current Technologies CLC

- Our Instructors are in 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

Course Duration
5 days
Course Price
$4,795.00 or 45 CLCs
Methods of Delivery
• Instructor Led
• Virtual ILT
• On-Site

Who Should Attend

The primary audience for this course is as follows:

- Network Administrator
- Meeting Administrators
- Webex Administrators
- Collaboration Administrators
- Network Engineer
- Voice / UC / Collaboration / Communications Engineers
- Collaboration Sales / Systems Engineers

Module 1: Webex API Overview
- Webex API Overview
- Webex API Documentation
- API Technologies Overview
- Webex API Types
- Webex Software Developer Kits (SDK)

- API Use Cases
- Setting up a Programming Environment

Module 2: Webex Room Systems, Device, and Clients (Review)
- Webex Portfolio and Features
- Webex Room Navigator
- Webex Devices
- Webex Board Pro
- SX / DX Devices
- Webex Room OS 11
- Webex Device States
- Webex Calling Devices
- Webex App
- Webex Mobile Clients

Module 3: Webex Control Hub
- Control Hub Overview
- Organization Settings
- Adding Users
- Adding Devices
- Adding Workspaces
- Administration Panels
- User Portal

Module 4: Program Fundamentals
- Language and Format Overview
- Data Formats
- Python Fundamentals
- Java Script Fundamentals

Module 5: Webex Authentication
- Authentication Overview
- OAuth Authentication

Module 6: Webex Rest APIs and JSON
- REST API
- JavaScript Object Notation (JSON)
- HTTP (REST) Status Codes

Module 7: Webex Bots, Cards, and Integrations
- Webex Bots
- Webex Buttons and Cards
- Integrations
- Webex Widgets

Module 8: Postman
- Postman Overview
- Webex Collections
- Testing Webex APIs with Postman

Module 9: Webex Customization, UI Extensions and, Macros for Devices
- RoomOS Programmability Overview
- RoomOS Website for Device Customization
- RoomOS Connectivity / User Overview
- Device Configuration
- Personalization – Branding
- UI Extensions
- Device Macros
- Device API Commands

Module 10: Webex Digital Signage
- Webex Digital Signage
- Digital Signage Configuration using Cisco Webex Control Hub
- Digital Signage Configuration using Local Web Administration Portal
- APPSPACE

Module 11: Driving Webex Meetings with APIs.
- Webex Meeting APIs
- Controlling Meeting using APIs
- Scheduling Meetings with APIs

LABS

Lab 1: Initial Cisco Webex Control Hub Organization Configuration

Lab 2: Webex Developer Documentation

Lab 3: Cisco Devnet Site

Lab 4: Cisco RoomOS Developer Site

Lab 5: Explore xAPI Reference Guide

Lab 6: Python Fundamentals

Lab 7: JavaScript Fundamentals

Lab 8: Oauth Workflow

Lab 9: Configure a Webex Integration

Lab 10: Building a Webex Weather Bot

Lab 11: Manage Users and Meetings

Lab 12: xAPI for Cisco collaboration devices

Lab 13: Macros for RoomOS Devices

Lab 14: Using Macros to Control Lighting