Course Outline

CWS-206 Citrix Workspace Microapps Essentials

Course Summary

Description

This foundational course to Citrix Workspace intelligence ushers' students into the new generation of Citrix teaching how intelligent features help organize, guide, and automate the future of work.

Gain an understanding of the fundamentals of web services, APIs, and systems integrations through building microapps designed to boost employee productivity and optimize the end user experience.

This course will cover the fundamentals of Citrix Microapps, web services, security considerations and API troubleshooting to help you successfully deploy microapps in your environment.

Objectives

By the end of this course, students will be able to:

- Gain foundational knowledge of Citrix Intelligent Workspace to be successful with Citrix microapps.
- Deploy and configure Citrix Intelligent Workspace Microapps as well as the fundamentals of APIs and Systems of Record (SoR) integrations.
- Deploy microapps from existing templates, as well as custom System of Record integrations and microapp deployment.

Topics

- Introduction to Citrix Workspace with Microapps
- Citrix Workspace with microapps Architecture
- Web and Data Elements
- Citrix Workspace with HTTP Methods
- Relational Database
- Microapps Troubleshooting

Audience

This course is built for IT professionals looking to build and deploy microapps with Citrix Workspace. Potential students include administrators, engineers or application developers, and architects responsible for the Citrix Workspace experience.

Prerequisite

This course requires little to no previous experience with web development, APIs, or system integrations, however, Citrix recommends a familiarity with Citrix Digital Workspace or Citrix Cloud prior to attending this course. Those without this experience might consider the CWS-215 Citrix Virtual Apps and Desktops 7 Administration as a starting point.

Duration

Three Days

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I. **Introduction to Citrix Workspace with Microapps**
    A. User Experience
    B. Citrix Workspace Components
    C. Feature and Functionality Overview

II. **Citrix Workspace with microapps Architecture**
    A. Workspace with microapp components

III. **Web and Data Elements**
    A. Systems of Record
    B. API Introduction
    C. Rest API
    D. URLs, URI, & Endpoint URIs
    E. HTTP Overview
    F. HTTP & API Workflow
    G. Authentication
    H. Connecting to REST APIs

IV. **Citrix Workspace with HTTP Methods**
    A. Post Method
    B. Primary Key
    C. Put Method
    D. Delete Method

V. **Relational Database**
    A. Relational Data Model
    B. Simplified Data Model Examples
    C. Complex Data Model Examples

VI. **Microapps Troubleshooting**
    A. Troubleshooting Methodology
    B. Integration Logs
    C. Microapps Logs