

Course overview

Okta Platform for Developers is a three-day course in which students learn how to integrate custom B2B apps with Okta's Identity Management / Security APIs using best practices and established workflows.

This course provides a primer into the Okta Administrative tasks with focus on development and then deep dive into Okta Platform customization scenarios and APIs.

During the course, you'll build integrations from a web application to the Okta login and registration services, using the Okta SDK, Sign-In Widget, AuthJS, and REST APIs.

Common business and technical use cases, troubleshooting, and best practices are discussed.

Who should attend

- Developers
- Architects
- Technical Project Managers

Prerequisites

- Understanding of REST integration concepts
- Experience with C#, Java, or another Object Oriented Programming (OOP) Language

Format

- Instructor-led with hands-on labs
- Duration: 3 days
- Delivery: Virtual (public or private); Onsite (private)

Setup requirements

- Students use their own computers.
- Okta provides access to an Okta tenant + virtual machine to complete the labs.

Learn how to:

- Describe key Okta features + functions
- Perform administrative tasks in Okta that are relevant for developers, such as creating users, groups, and applications, creating service accounts, and managing API tokens.
- Use the Okta REST APIs to manage users, groups, applications, and configurations.
- Plan, design, and develop, Sign-On and Registration pages using the Okta API and SDK.
- Develop a sign-in page using the Okta Sign-In widget.
- Implement security controls, such as password policies and MFA, in conjunction with the Sign-in Widget.
- Develop an advanced sign-in page customization using Okta AuthJS.
- Incorporate best practices to maximize Okta API + SDK code.
- Leverage and contribute to the Okta Developer Community.
- Troubleshoot problems and work effectively with Okta support.

Course outline

1: Describe Okta Identity Platform

- Describe Okta Platform Features
- Describe Okta Architecture and Infrastructure
- Navigate the Okta Admin App
- Create Okta Users, Groups, and Apps
- Use the System Logs

2: Explore the Okta REST APIs

- Describe the Okta REST APIs Architecture and Design Principles
- Create API Tokens
- Execute popular REST API requests

3: Create a Sign-on Page Using the SDK and API

- Develop Authentication Workflows
- Create a Sign On Page with and without the SDK
- Enable Single Sign-On to Okta
- Enable Single Sign-On to assigned Apps

4: Configure the Okta Sign-In Widget

- Describe the Sign-in Widget Features
- Configure and customize the Sign-In Widget
- Explore the Okta Auth SDK JavaScript Plugin
- Configure MFA, Password, and Sign-On Policies
- Determine the Business Needs for AuthN processes

5: Design a Registration Page Using the SDK

- Determine the Registration Business Needs
- Develop a Registration Page Workflow using the SDK

6: Contribute as Developer

- Work with Github and Okta Developer
- Leverage the Okta Developer Program and the Developer community.
- Contribute to community with your knowledge, documentation, and code.

7: Troubleshoot Okta and the API

- Work with Reports
- Work with External Resources and Okta Support