okta

Okta Education Services

WHO SHOULD ATTEND

- Developers
- Architects
- Technical Project Managers

PREREQUISITES

- Identity Access Management with Okta: An Introduction
- Experience with JavaScript or a similar scripting language
- Understanding of REST APIs

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.

Questions? Contact
training@okta.com

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Okta Customer Identity for Developers

Learn how to deploy authentication and user registration on Okta Customer Identity Solution using Okta's Sign In Widget and AuthJS SDK according to best practices and established workflows.

This course dives deep into the different models of deploying authentication with Okta based on different requirements and needs for end-user authentication and access. Create application-level Sign On Policies to secure business partner applications at appropriate levels of assurance. Improve user experience with custom branding and passwordless authentication.

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

LEARN HOW TO:

- Describe key Okta Customer Identity Solution (formerly Okta CIAM) use cases + features.
- Explore and understand the Okta Data Model by examining requests and responses from the Core Okta REST API.
- Deploy Authentication using the Redirect and Embedded Models.
- Customize Sign-In pages using the Okta-hosted and Self-hosted Sign In Widget.
- Explore, understand, and implement Web Single Sign On (SSO).
- Implement Self-service Registration (Sign Up) and define User Profile Attributes.
- Insert custom logic into Identity flows with Inline Hooks.
- Log events to external services using Event Hooks.
- Migrate users from an external source.
- Secure your application with application-level Sign On Policies and Multifactor Authentication (MFA).
- Implement Passwordless Authentication with Email Magic Link.
- Authenticate to Okta using External IdPs.
- Authenticate consumers with Social Authentication.
- Leverage and contribute to the Okta Developer Community.
- Troubleshoot problems and work effectively with Okta Support.

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COURSE OUTLINE

MODULE 1:
Introducing the Okta Identity Platform

- Review the history of digital Identity management
- Summarize Okta features and infrastructure
- Create Okta Users, Groups, and Application Integrations

MODULE 2:
Customizing the Okta-Hosted Sign In Widget

- Configure a custom domain for your Okta org
- Apply your custom branding through the Okta Branding UI
- Customize Sign In with the Redirect Model of authentication deployment with the Okta-hosted Sign In Widget

MODULE 3:
Exploring Authentication Protocol Flows

- Deploy Authentication with the Embedded Okta Sign In Widget and Okta AuthJS
- Compare and contrast the Redirect and Embedded Models of deploying authentication
- Describe and implement Web Single Sign On (SSO)

MODULE 4:
Exploring the Okta Data Model

- Explore how Okta entities are modeled by examining Core Okta API requests and responses
- Create service accounts and API tokens

MODULE 5:
Implementing Self-Service Registration

- Configure User Profile Attributes
- Implement Okta-hosted Self-service Registration (Sign Up)
- Apply custom branding to new user email templates
- Discuss User Activation Flows
- Implement a Registration Inline Hook
- Implement an Account Update Event Hook

MODULE 6:
Migrating and Managing Users

- Discuss options for migrating users based on requirements
- Perform user migration with Okta's Users API

MODULE 7:
Securing Your Environment with Sign-On Policies and MFA

- Define Assurance levels and factor types
- Implement Application-level Sign On Policies
- Configure passwordless authentication with Magic Email Link
- Configure Multifactor Authentication (MFA) with any two factors

MODULE 8:
Authenticating to Okta with External IdPs

- Understand authentication using Inbound Federation protocols
- Configure an external IdP to authenticate to Okta using SAML to sign in to a custom portal

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ABOUT OKTA

Okta is the foundation for secure connections between people and technology. By harnessing the power of the cloud, Okta allows people to access applications on any device at any time, while still enforcing strong security protections. It integrates directly with an organization's existing directories and identity systems, as well as 7,000+ applications. Because Okta runs on an integrated platform, organizations can implement the service quickly at large scale and low total cost.

More than 16,000 customers, including Adobe, Allergan, Chiquita, LinkedIn, MGM Resorts International, and Western Union, trust Okta to help their organizations work faster, boost revenue, and stay secure.

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