

Okta Training

3 days (21 hours)

Presentation

Our [Okta](#) training course will immerse you in the world of identity and access management, equipping you with the knowledge and skills you need to master this cutting-edge platform.

This training program exhaustively covers the essential aspects of Okta, from fundamental concepts to advanced techniques for securing cloud and on-premises resources.

You'll explore Okta's key features, such as single sign-on (SSO), identity management, application security and much , as you yourself with the most common use cases in different industrial contexts.

With our training, you'll learn how to configure and deploy advanced security strategies to protect sensitive data, and how to effectively integrate Okta into your existing IT infrastructure.

As with all our training courses, this Okta course will present the [latest version and resources](#) of the tool.

Objectives

- Understanding Okta's position in the IAM market
- Create an Okta organization
- Installing and configuring Okta AD Agent
- Create, modify and delete users in Okta, and manage user groups
- Configure Single Sign-On (SSO) and integrate on-premise and cloud applications
- Configure security policies in Okta, including Multi-Factor Authentication (MFA)
- Automate tasks with Okta Workflows

Target audience

- System administrators
- IT security managers
- Application developers
- IT architects

Prerequisites

- Basic knowledge of IT and systems security is recommended
- Familiarity with authentication and identity management concepts would be an advantage
- Basic system administration and networking skills are beneficial

Technical requirements

- Create a free trial account with a pro email on [Okta Workforce Identity Cloud](#) (no credit card required)
- To get started with the HR-DRIVEN IT model, create a free trial account with a professional e-mail address at [BambooRH](#) (no credit card required)
- VirtualBox Windows Server (version 2019 or later) with Active Directory service enabled ([trial version available](#))
 - Install [LocalWP](#) to easily deploy Wordpress sites that will serve as applications for testing the integration of SAML, OpenID Connect and SWA protocols.

Okta Training Program

INTRODUCTION TO OKTA

- Understanding Okta's position in the IAM (Identity and Access Management) market
- Identify Okta's main features and benefits
- Discover the key components of the Okta platform
- Explore Okta's user interface and basic functions
- Defining Okta's fundamental terms and concepts

PREPARING AND CONFIGURING OKTA

- Create an Okta organization
- Installing and configuring Okta AD Agent
- Understand best practices for deploying Okta in an enterprise environment
- Configure initial security settings and organization preferences
- Establish a connection between Okta and corporate directories (Active Directory/LDAP)
- Customizing the interface and user experience

USER AND GROUP MANAGEMENT

- Create, modify and delete users in Okta
- Assign permissions and manage user roles
- Configure and manage user groups and membership rules
- Synchronize users and groups with external directories
- Using reports and audits

PROVISIONING

- Understand the automatic user account provisioning process
- Managing the identity lifecycle in Okta
- Establish dynamic provisioning policies
- Implement the HR-Driven IT model

APPLICATION INTEGRATION WITH OKTA AND SINGLE SIGN-ON (SSO)

- Understanding SSO
- Explore the Okta application catalog (Okta Integration Network (OIN))
- Use Okta's integration wizard to connect applications
- Configure Secure Web Authentication (SWA)
- Integrating custom applications with Okta
- Manage application attributes and mappings

IDENTITY FEDERATION AND AUTHENTICATION PROTOCOLS

- Understand the principles and benefits of identity federation
- Become familiar with the SAML 2.0, OpenID Connect and OAuth 2 protocols
- Configuring identity federation using SAML 2.0
- Implementing OpenID Connect for modern applications
- Practical work on implementing the various OpenID Connect flows and managing tokens

PERSONALIZATION

- Modifying and enhancing user profiles in Okta
- Add and manage custom attributes
- Configure profile schemas and attribute mappings
- Use the universal directory to unify identity management
- Personalize user experience through Okta profiles

SECURITY POLICIES IN OKTA

- Understanding the different security policies available in Okta
- Configure authentication and password policies
- Set up session and network policies
- Configure Multi-Factor Authentication (MFA) and adaptive policies

- Test and simulate security policies

WORKFLOW AND AUTOMATION

- Understand the fundamental concepts of Okta Workflows
- Configure and manage customized workflows in no code.
- Use pre-built connectors to manipulate third-party applications from Okta

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire enabling us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.

Training organization registered under number 11 75 54743 75. This registration does not imply government approval.

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