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Sign up

Auth0 training: Master authentication and authorization

2 days (14 hours)

PRESENTATION

Our Auth0 training course will equip you with the essential skills to master identity and access management, using the powerful [Auth0 platform](#).

During this training course, you'll develop in-depth expertise in the field of authentication by exploring Auth0's key features and concepts in detail, and learning how to put them into practice in your projects.

You'll discover how to configure and customize Auth0 to meet the specific needs of your application, while guaranteeing security and ease of use for your users.

This training course will help you understand how Auth0 simplifies authentication and authorization, and how to use it to create secure, user-friendly solutions.

As with all our training courses, we'll provide you with the [latest](#) Auth0 [resources](#) and best practices.

OBJECTIVES

- Understanding Auth0 and its importance in centralized authentication
- Master Auth0 account and application configuration
- Implementing the Auth0 protocol from a front-end application
- Developing skills to integrate Auth0 via API
- Understanding and applying multi-factor authentication (MFA)

TARGET AUDIENCE

- Developers
- System administrators
- Cybersecurity managers and experts

Prerequisites

- A solid understanding of software development concepts
- Basic knowledge of authentication and security concepts would be an added advantage

AUTH0 TRAINING PROGRAM

GENERAL PRESENTATION

- What is Auth0?
- Why use Auth0?
- Benefits of centralized authentication
- Auth0 history and development
- Overview of the authentication industry
- Auth0 management roles and responsibilities

CONFIGURATION

- Creating an Auth0 account
- Creating an Auth0 application
- Configuration of basic parameters
- Management of development and production environments
- Recommended configuration practices
- Authentication domain customization

SETTING UP THE AUTH0 PROTOCOL FROM A FRONT-END APPLICATION

- Integration with front-end applications
- Understanding and using a JWT (JSON Web Token)
- Implementing two-factor authentication
- Social authentication integration
- Configuring authorization policies
- Role-based authorization management
- Securing authentication tokens
- Understanding authentication flows

INTEGRATION ON API

- Custom integration via API
- Using webhooks for events
- Customize notification emails
- Integration with external directory services
- Customize error pages

MFA

- Multi-factor authentication (MFA)
- Password management strategies
- Using JWT for access rights
- Roles and rights management via AuthO

API LOCK

- Quick integration with Module Lock
- Migrating to Auth0 from an existing environment
- Auth0 user interface customization

PRESENTATION OF THE DIFFERENT PROVIDERS

- AWS
- GCP
- Azure

Companies concerned

This training 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 which enables 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 for 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, with 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.