INTRODUCTION: OAUTH AND OPENID CONNECT

Single Sign-On | Training | 4 hrs. 🇩🇪 🇺🇸

In this interactive training, you will learn about the functionality and workflow of the single sign-on systems OAuth and OpenID Connect.

YOUR BENEFITS

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> Understand the use and benefits of single sign-on for yourself and your customers.

> Adopt the suitable protocol variants of OAuth and OpenID Connect for optimally protecting your users.

> Protect your single sign-on systems from unauthorized access and data theft by attackers.

> Convince your customers with easy-to-use and secure state-of-the-art login procedures.

TRAINING CONTENTS

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Introduction to Single Sign-On
> Usage from the customer's point of view
> Configuration from the developer's point of view

Protocol details
> OAuth Code Flow
> OpenID Connect Code, Implicit, and Hybrid Flow

Use-Cases
> Correct use of a consent page
> Different scenarios for OAuth and OpenID Connect

The id_token
> Freshness and replay protection
> Signature

Your contact for this training

Dr. Christian Mainka | CTO, Dept. Single Sign-On

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Christian Mainka completed his doctorate in 2017 on the topics of single sign-on and web services. As co-founder of Hackmanit, he has been working on security aspects arising from the use of data description languages such as JSON since 2009. In his dissertation, he analyzed the security of modern single sign-on methods such as OAuth and OpenID Connect and uncovered numerous security vulnerabilities.

REFERENCES

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"Good combination between lectures and practical tasks performed both alone, with support and live by the lecturers."

"The topic was well dealt with, and I was able to evaluate afterwards what is still missing in our app to make it secure. Great training!"

"Very nice and sympathetic lecturers, impeccably presented and explained. Very knowledgeable in the subject. Especially good, in my opinion, was that suggestions were actively addressed. This definitely added value. The topic was exciting and up-to-date ..."

TARGET AUDIENCE

This training is intended for everyone who wants to build and maintain secure single sign-on systems using OAuth or OpenID Connect.

This course is helpful for, among others:

> Identity management administrators
> Identity provider and client developers
> Penetration testers and security researchers

BOOKING OPTIONS

Contact the person responsible for the desired training to receive an individual and non-binding offer.

Send the registration form or the individual booking request by email to Dr. Christian Mainka:

christian.mainka@hackmanit.de

ONLINE TRAINING 2023

MAY

23.05.2023 | Tue. | 10:00 - 14:30

REGISTRATION DEADLINE | 09.05.2023 | Tuesday

NOVEMBER

14.11.2023 | Tue. | 10:00 - 14:30

REGISTRATION DEADLINE | 31.10.2023 | Tuesday

Date:	Tuesday
Time:	from 10:00 to 14:30
Duration:	4,5 hrs. (incl. breaks)
Total price:	390€ plus VAT (per person)

Note: We reserve the right to cancel the training if there are less than 5 participants. A possible cancellation will be communicated at least one week before the training date.

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(Please check)

Number of people

Name and email

Contact for booking

Company

Address

Postal code, city

Billing address (if different)

Email

Phone

Notes

Please send your registration by email to:
christian.mainka@hackmanit.de

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