

## Workshop: Serverless Day – Hands-on experience («SERVCO»)

Two workshops will teach you how to secure a serverless application created with AWS Lambda and deploy your own serverless URL shortening Microservice on Amazon Web Services. You will gain practical experience for a typical serverless architecture.

**Duration:** 6 hours

**Price:** 195.–

**Course documents:** Digital course ware

### Content

What are the key best practices for building and running applications without thinking about servers? In our half-day workshops we will give you an insight into this topic.

#### Morning session

##### Serverless Security

In this workshop, you will learn techniques to secure a serverless application built with AWS Lambda, Amazon API Gateway, and RDS Aurora. We will cover AWS services and features you can leverage to improve the security of a serverless application in 5 domains: identity and access management, code, data, infrastructure, logging, and monitoring.

#### Afternoon session

##### Serverless Application on AWS using Lambda

In this workshop, you will deploy your own serverless URL shortening Microservice on Amazon Web Services. With using Lambda, DynamoDB, and API Gateway you will gain hands-on experiences for a typical serverless architecture. Besides the Buzzwords, you will focus on best-practices for code and project organization, testing strategies, and operational tasks such as logging and monitoring.

### Key Learnings

- Knowledge about AWS-Services and functions
- Development of skills how to secure serverless applications in 5 domains
- Understanding for serverless computing platforms: AWS Lambda, Amazon API Gateway and RDS Aurora
- Deploying your own serverless URL into Amazon Web Services

## Your Serverless Day workshop experts:

Danilo Poccia

is a solution architect within the Business Development Organization of Amazon Web Services (AWS) since June 2012. In his role as Evangelist at AWS, he leverages his experience to help people bring their ideas to life, focusing on serverless architectures and event-driven programming, and on the technical and business impact of machine learning and edge computing. He is the author of AWS Lambda in Action from Manning. **We quote him:** «Passioned about IT, IoT, AI, ML & other acronyms. Opinions are my own».

Till Kahlbrock

works as a Senior Cloud Consultant at superluminar in Hamburg. He is experienced in serverless and serverful technology and loves to help people on their serverless journey.

Sebastian Müller

is specialized on serverless architectures and works as a Senior Cloud Consultant for superluminar GmbH in Hamburg, Germany. He helps clients to focus on their business domain and to care less about operations and maintenance of software.

## Target audience

This workshop is targeted at Solution Architects, Developers and System Administrators.

## Additional information

### Price information – Your choice

1. Have you already bought the Serverless Day ticket? Then you can get the Digicomp Workshop «Serverless Day - Hands-on Experience» for only CHF 195.00.
  - Get your [Serverless Day ticket](#)
2. You buy only the Digicomp Workshop «Serverless Training» for CHF 900.00

### Please bring your own laptop, smartphone or tablet with you.

You can use your laptop to store what you have seen and learned directly in the course and use it immediately for your daily work in the company.

## Any questions?

We are happy to advise you on +41 44 447 21 21 or [info@digicomp.ch](mailto:info@digicomp.ch). You can find detailed information about dates on <https://apps.digicomp.ch/>