

## Advanced Architecting on Kubernetes (ADAKU)

**ID ADAKU** Price CHF 2,190.—(excl. VAT) **Duration** 2 days

### Who should attend

This course is intended for:

- Solutions architects
- Software developers
- System Administrators

### Course Objectives

In this course, you will learn to:

- Interact with Kubernetes's internal database etcd.
- Learn how a service mesh will advance micro-services applications.
- Learn to deploy a zero-trust network.
- Adopt automation best practices for their applications and clusters.
- Understand the customization options.

### Course Content

#### Day 1

- Control Plane Infrastructure
- Mastering Etcd
- Networking Deep Dive
- Lab 1: Troubleshooting Kubernetes
- Microservices and Decoupling
- Service Mesh
- Mutual TLS
- Lab 2: Deploying Istio

#### Day 2

- Automate All the Things
- Batch Jobs
- DaemonSets
- Lab 3: Automating the Cluster
- Customizing Kubernetes

# Advanced Architecting on Kubernetes (ADAKU)

---

## Training Centres worldwide



## Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>