

Developing Serverless Solutions on AWS (AWSDEVSS)

ID AWSDEVSS **Price** CHF 2,390.—(excl. VAT) **Duration** 3 days

Who should attend

Developers who have some familiarity with serverless architecture and experience with development in the AWS Cloud.

Prerequisites

- Familiarity with the basics of AWS Cloud architecture
- An understanding of developing applications on AWS equivalent to completing the [Developing on AWS \(AWSDEVSS\)](#) classroom training
- Knowledge equivalent to completing the following serverless digital trainings: AWS Lambda Foundations and Amazon API Gateway for Serverless Applications

- Event-Driven Development Using Queues and Streams
- Writing Good Lambda Functions
- Step Functions for Orchestration
- Observability and Monitoring
- Serverless Application Security
- Handling Scale in Serverless Applications
- Automating the Deployment Pipeline

Course Objectives

- Apply event-driven best practices to a serverless application design using appropriate AWS services
- Identify the challenges and trade-offs of transitioning to serverless development, and make recommendations that suit your development organization and environment
- Build serverless applications using patterns that connect AWS managed services together, and account for service characteristics, including service quotas, available integrations, invocation model, error handling, and event source payload
- Compare and contrast available options for writing infrastructure as code, including AWS CloudFormation, AWS Amplify, AWS Serverless Application Model (AWS SAM), and AWS Cloud Development Kit (AWS CDK)
- And much more

Course Content

- Introduction
- Thinking Serverless
- API-Driven Development and Synchronous Event Sources
- Introduction to Authentication, Authorization, and Access Control
- Serverless Deployment Frameworks
- Using Amazon EventBridge and Amazon SNS to Decouple Components

Training Centres worldwide



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