



## DevOps Engineering on AWS (AWSDEVOPS)

ID AWSDEVOPS Price CHF 3,150.—(excl. VAT) Duration 3 days

#### Who should attend

This course is intended for:

- Developers
- DevOps engineers
- Operations engineers
- · DevOps architects
- · System administrators

### This course is part of the following Certifications

AWS Certified DevOps Engineer – Professional (ACDOEP)

#### **Prerequisites**

We recommend that attendees of this course have the following prerequisites:

- Previous attendance at the <u>Cloud Operations on AWS</u> (formerly Systems Operations) (AWSSYS) or <u>Developing</u> on AWS (AWSD) courses
- Working knowledge of one or more high-level programing languages, such as C#, Java, PHP, Ruby, Python
- Intermediate knowledge of administering Linux or Windows systems at the command-line level
- Two or more years of experience provisioning, operating, and managing AWS environments

#### **Course Objectives**

In this course, you will learn how to:

- Use DevOps best practices to develop, deliver, and maintain applications and services at high velocity on AWS
- List the advantages, roles and responsibilities of small autonomous DevOps teams
- Design and implement an infrastructure on AWS that supports DevOps development projects
- Leverage AWS Cloud9 to write, run and debug your code
- Deploy various environments with AWS CloudFormation
- Host secure, highly scalable, and private Git repositories with AWS CodeCommit
- Integrate Git repositories into CI/CD pipelines

- Automate build, test, and packaging code with AWS CodeBuild
- Securely store and leverage Docker images and integrate them into your CI/CD pipelines
- Build CI/CD pipelines to deploy applications on Amazon EC2, serverless applications, and container-based applications
- Implement common deployment strategies such as "all at once," "rolling," and "blue/green"
- Integrate testing and security into CI/CD pipelines
- Monitor applications and environments using AWS tools and technologies

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## **Training Centres worldwide**





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