

# DevOps Engineering on AWS (AWSDEVOPS)

## Partner Training

Training code	FSLAWSDECE
Spoken Language	English
Language Materials	English
Dayparts	6
Price	€1.995,00 excl. VAT No extra costs.

## What is DevOps Engineering on AWS (AWSDEVOPS)

DevOps Engineering on AWS demonstrates how to use the most common DevOps patterns to develop, deploy and maintain applications on AWS. The course covers the core principles of the DevOps methodology and examines a number of use cases applicable to startup, small-medium business, and enterprise development scenarios.

This course is designed to teach you how to:

- Design and implement an infrastructure on AWS that supports one or more DevOps development projects
- Set up Git on AWS and understand the array of options for enabling a Continuous Integration environment on AWS Cloud
- Use the core principles of Continuous Integration and Continuous Deployment
- Distinguish between the array of application deployment technologies available on AWS Cloud (including AWS CodeDeploy, AWS OpsWorks, AWS Elastic Beanstalk, and Amazon EC2 Container Service), and decide which technology best fits a given scenario
- Fine tune the applications you deliver on AWS for high performance and use AWS tools and technologies to monitor your application and environment for potential issues

## Who should attend the DevOps Engineering on AWS (AWSDEVOPS)

Software Developers and System Administrators

We recommend that attendees of this course have:

- Attended "Systems Operations on AWS (AWSSYS)" or "Developing on AWS (AWSDEVOPS)"

- Working knowledge of one or more high-level programming languages (C#, Java, PHP, Ruby, Python, etc.)
- Intermediate knowledge of administering Linux or Windows systems at the command-line level
- Working experience with AWS using both the AWS Management Console and the AWS Command Line Interface (AWS CLI)

## Prerequisites

- Attended "Systems Operations on AWS (AWSSYS)" or "Developing on AWS (AWSD)"
- Working knowledge of one or more high-level programming languages (C#, Java, PHP, Ruby, Python, etc.)
- Intermediate knowledge of administering Linux or Windows systems at the command-line level
- Working experience with AWS using both the AWS Management Console and the AWS Command Line Interface (AWS CLI)

## Objectives

- Design and implement an infrastructure on AWS that supports one or more DevOps development projects
- Set up Git on AWS and understand the array of options for enabling a Continuous Integration environment on AWS Cloud
- Use the core principles of Continuous Integration and Continuous Deployment
- Distinguish between the array of application Deployment technologies available on AWS Cloud (including AWS CodeDeploy, AWS OpsWorks, AWS Elastic Beanstalk, and Amazon EC2 Container Service), and decide which technology best fits a given scenario
- Fine tune the applications you deliver on AWS for high performance and Use AWS tools and technologies to monitor your application and environment for potential issues

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

---

## About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals.

Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals  
[academy.capgemini.nl](https://academy.capgemini.nl)

IN/3A-018.18