



# Advanced Developing on AWS (ADV-DEV)

## Partner Training

Training code	FSLAWSDAE
Spoken Language	English
Language Materials	English
Dayparts	6
Price	€2.195,00 excl. VAT No extra costs.

## What is Advanced Developing on AWS (ADV-DEV)

The Advanced Developing on AWS course uses the real-world scenario of taking a legacy, on-premises monolithic application and refactoring it into a serverless microservices architecture. This three-day advanced course covers advanced development topics such as architecting for a cloud-native environment; deconstructing on-premises, legacy applications and repackaging them into cloud-based, cloud-native architectures; and applying the tenets of the Twelve-Factor Application methodology.

In this course, you will learn how to:

- Analyze a monolithic application architecture to determine logical or programmatic break points where the application can be broken up across different AWS services.
- Apply Twelve-Factor Application manifesto concepts and steps while migrating from a monolithic architecture.
- Recommend the appropriate AWS services to develop a microservices based cloud native application.
- Use the AWS API, CLI, and SDKs to monitor and manage AWS services.
- Migrate a monolithic application to a microservices application using the 6 Rs of migration.
- Explain the SysOps and DevOps interdependencies necessary to deploy a microservices application in AWS.

## Who should attend Advanced Developing on AWS (ADV-DEV)

Experienced software developers who are already familiar with AWS services.

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

- In-depth knowledge of at least one high-level programming language
- Working knowledge of core AWS services and public cloud implementation



- Completion of the Developing on AWS course, and then a minimum of 6 months of application of those concepts in a real world environment.

## Prerequisites

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- In-depth knowledge of at least one high-level programming language
- Working knowledge of core AWS services and public cloud implementation
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## Objectives

- Analyze a monolithic application architecture to determine logical or programmatic break points where the application can be broken up across different AWS services.
- Apply Twelve-Factor Application manifesto concepts and steps while migrating from a monolithic architecture.
- Recommend the appropriate AWS services to develop a microservices based cloud native application.
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