

AWS Fargate

Duration

- 8h

Entry requirements

- Completion of an AWS Basics module or equivalent knowledge
 - Note: You may want to check the contents of the AWS Basics module to confirm whether you are familiar with the concepts presented in this training
- Creation of AWS Sandbox account & Initial login to AWS
- Creation of IAM technical user and credentials
- Creation of GitHub account
- Basic JAVA and Spring knowledge
- Basic understanding of GitHub Actions
- Completion of CICD module might be helpful but is not a must
- Installation of Terraform version 1.4.6

Goals

- Understand **basic** concepts of AWS Fargate
- Understand how to integrate AWS services with Spring application to create a hybrid Java-Cloud solution
- Understand building blocks of a classic backend application that is deployed to AWS

Program

- Welcome & Local environment setup testing
- ECS Fargate infrastructure and base application deployment
- Introduction to Fargate
- Introduction to dedicated AWS project structure
- Introduction to AWS SDK for Java
- Fargate Hands-on: integrate AWS SNS & Parameter Store
- Fargate Hands-on: integrate AWS Translate
- Fargate Hands-on: integrate AWS Comprehend Sentiment
- Summary & questions
- Infrastructure clean-up

Disclaimers

- This training does not focus on preparation to any certification
- This training is focused on initial and practical experience of AWS Fargate