

# **Deploy a Web Application in Docker Container on AWS Using Terraform**

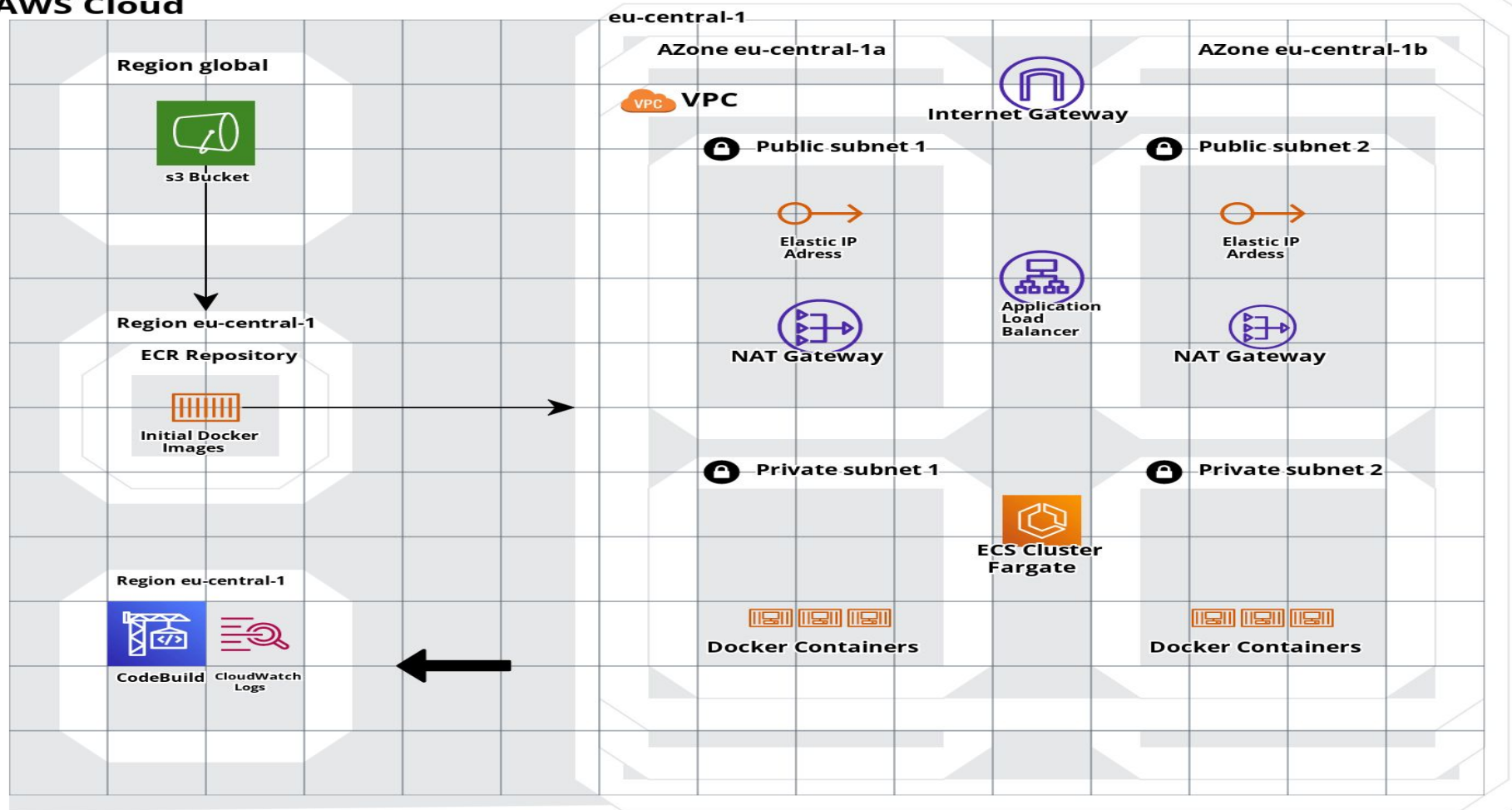
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# Goal, tasks

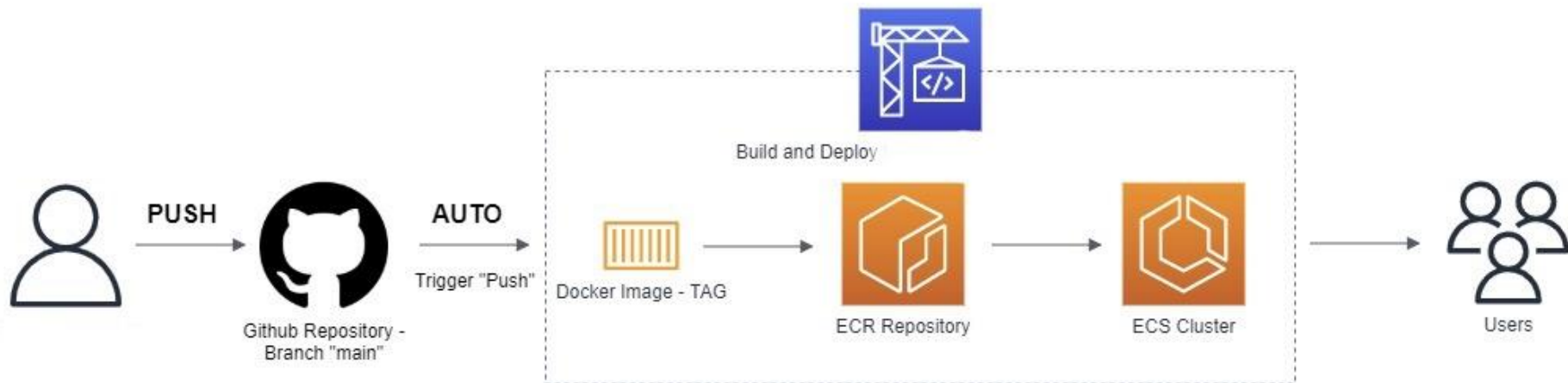
- Goal – deploy a web application in Docker container by creating AWS infrastructure and CI/CD pipeline according to the given requirements
- Tasks:
  - Examination the project requirements
  - Development of the AWS infrastructure of the project
  - Development of the CI/CD pipeline of the project
  - Implementation of the application deployment procedure using Terraform

# AWS Infrastructure of the Project

AWS cloud



# CI/CD Pipeline of the Project



# Conclusions

- To deploy a web application in Docker container by creating a cloud infrastructure and CI/CD pipeline on AWS, it is advisable to use Terraform
- To implement different environments, you can use .tfvars files with specified variable values and store the .tfstate files in different S3 buckets

# Thank You

Github repository:

<https://github.com/stefobaev/final-demo>