AWS CI/CD flow diagram using AWS resources like: CodePipeline, CodeBuild, ECR and ECS.

Git Repository

New code commited- CodePipeline is triggerd

CodePipeline

This flow diagram is happening in our test environment.

When it’ll work properly in the test environment, we will deploy it into our production environment

CodePipeline activates the codebuild

CodeBuild builds docker image from the

code in the git repository

using buildspec.yml and pushes it to ECR repository

CodeBuild

The tasks that working in the ECS cluster uses the images from the ECR repository.

When the image in the repo will be updated by CodeBuild the previous tasks will be terminated by CodePipeline.

New tasks will be created with the new docker image

ECS

ECR