



1 Developers continually integrate their changes into a main branch hosted within a source code repository system such as GitHub or AWS CodeCommit

2 AWS CodePipeline polls the source control repository and triggers an execution of the pipeline when a new revision is found

3 AWS CodePipeline executes a build of the new revision in AWS CodeBuild which creates a Docker container image from the source code

4 AWS CodeBuild pushes the newly build Docker container image tagged with the revision ID to an Amazon ECR repository

5 AWS CodePipeline initiates an update of the Amazon ECS task definition and service with the new image location

6 Amazon ECS fetches the new container from Amazon ECR and replaces the old tasks with the new one on the cluster

7 The new revision of the service is now running on the cluster using AWS Fargate

