KnolX Etiquettes

Punctuality

Join the session 5 minutes prior to the session start time. We start on time and conclude on time!

Feedback

Make sure to submit a constructive feedback for all sessions as it is very helpful for the presenter.

Silent Mode

Keep your mobile devices in silent mode, feel free to move out of session in case you need to attend an urgent call.

Avoid Disturbance

Avoid unwanted chit chat during the session.

Our Agenda

What is ECR ?

- Amazon Elastic Container Registry (Amazon ECR) is an AWS managed container image registry service that is secure, scalable, and reliable. Amazon ECR supports private repositories with resource-based permissions using AWS IAM.

- Amazon Elastic Container Registry (Amazon ECR) is an Amazon Web Service (AWS) product that stores, manages and deploys Docker images, which are managed clusters of Amazon EC2 instances. Amazon ECR allows all AWS developers to save configurations and quickly move them into a production environment, thus reducing overall workloads.

- Highly secure as policies can be configured to manage.

- Familiar to AWS users and easy to use.

- No upfront fees or commitments.

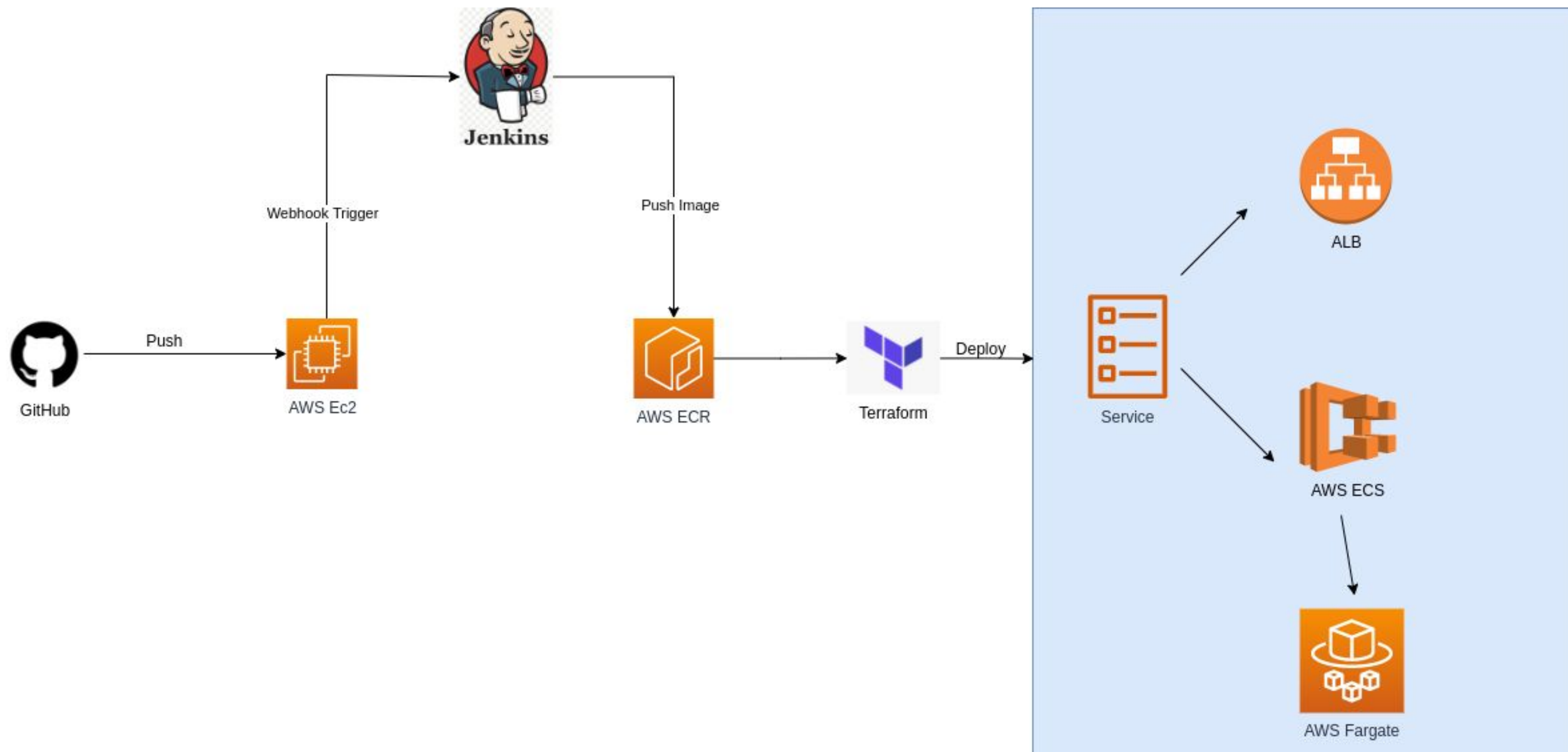- Tight integration with Amazon ECS and the Docker CLI

Alternatives

- Jfrog Artifactory

- Azure Container registry

- Nexus repository Manager

- Google Container Registry

- Oracle Cloud Infrastructure Registry

- AWS Fargate is a technology that you can use with Amazon ECS to run containers without having to manage servers or clusters of Amazon EC2 instances. With AWS Fargate, you no longer have to provision, configure, or scale clusters of virtual machines to run containers. This removes the need to choose server types, decide when to scale your clusters, or optimize cluster packing.

- When you run your tasks and services with the Fargate launch type, you package your application in containers, specify the CPU and memory requirements, define networking and IAM policies, and launch the application. Each Fargate task has its own isolation boundary and does not share the underlying kernel, CPU resources, memory resources, or elastic network interface with another task.

Features

- Enhanced Security

- Save Money

- Extensible

- AWS Fargate is Integrated

Deployment Strategy Diagram