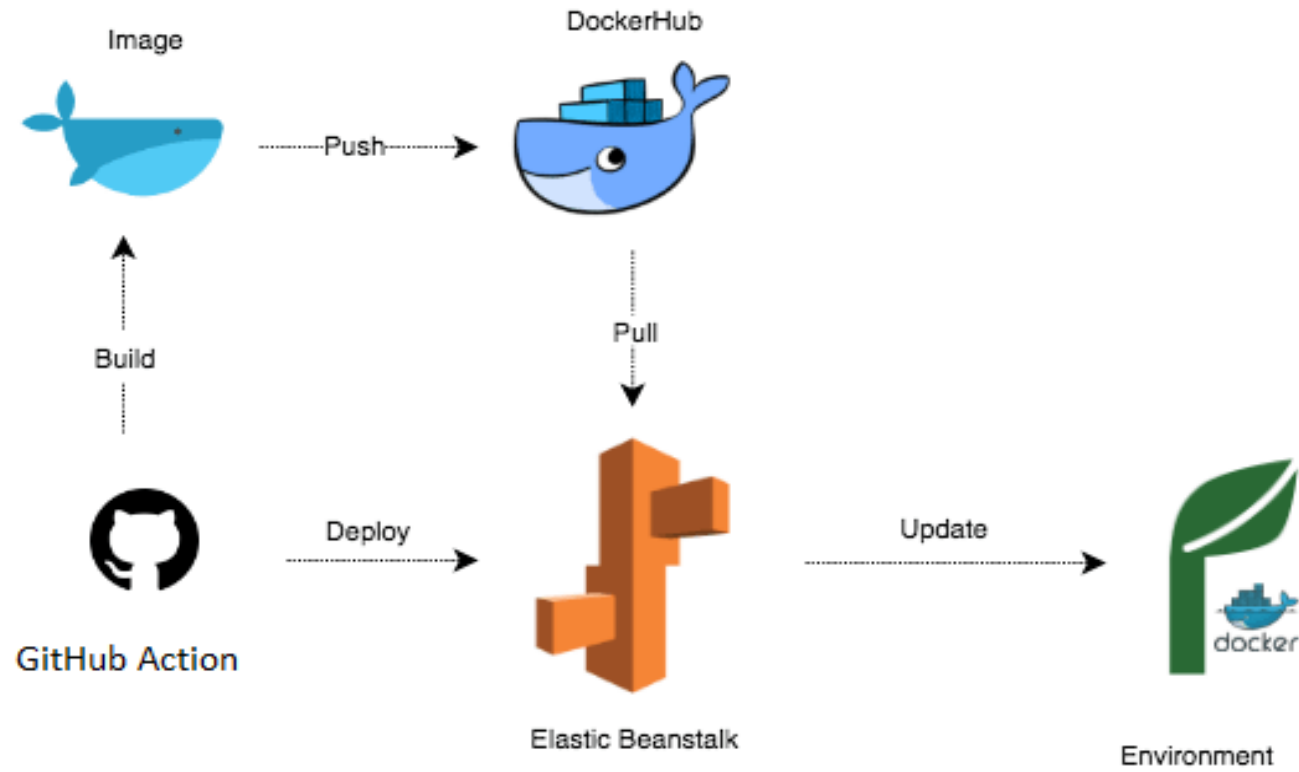# Exam Andersen Course

30.07.2021

CI / CD process

GitHub
Repository

GitHub
Action

Lint

Test

Push Dockerrun.aws.json

S3
Bucket

Push

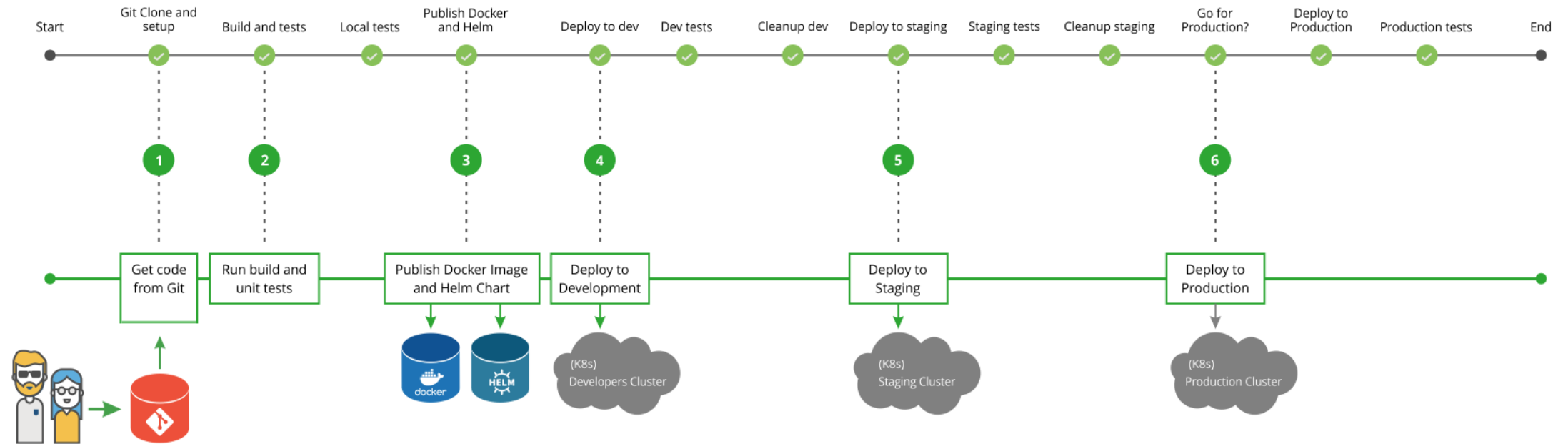Push Image on Docker
Hub

Pull Dockerrun.aws.json
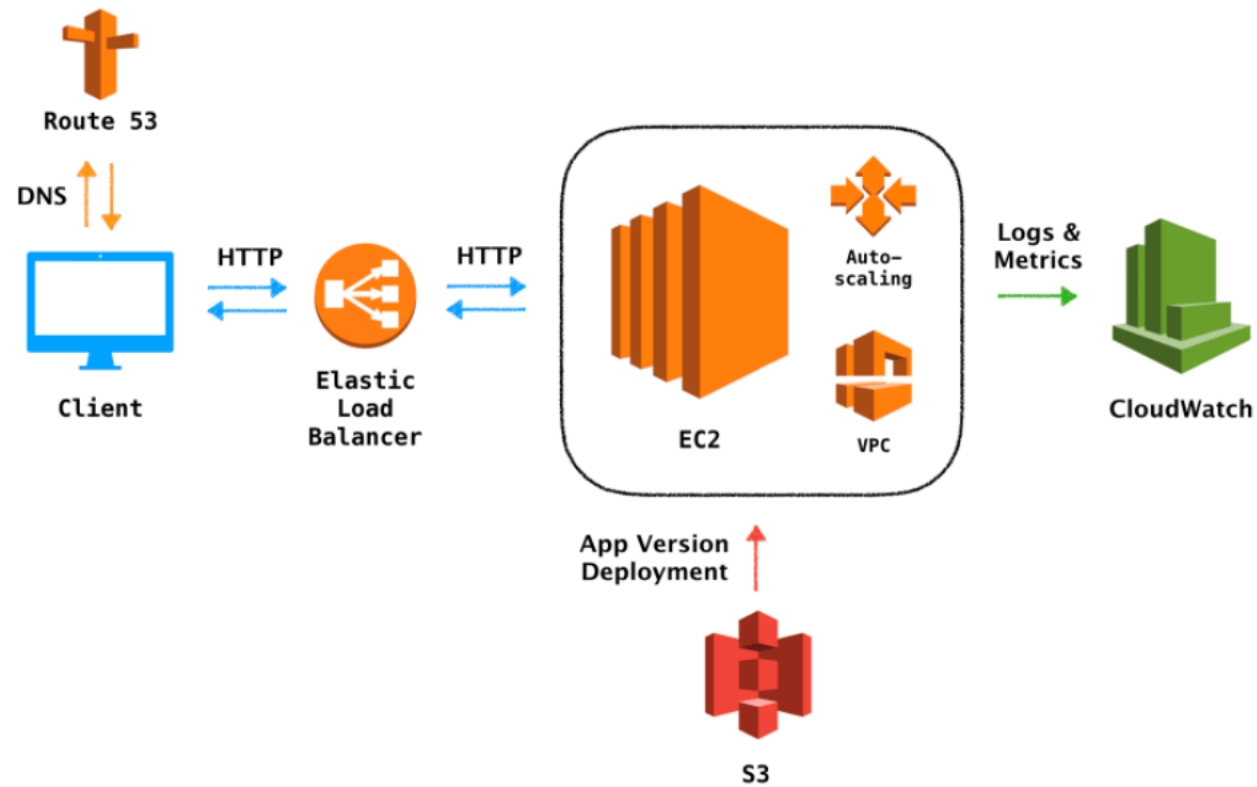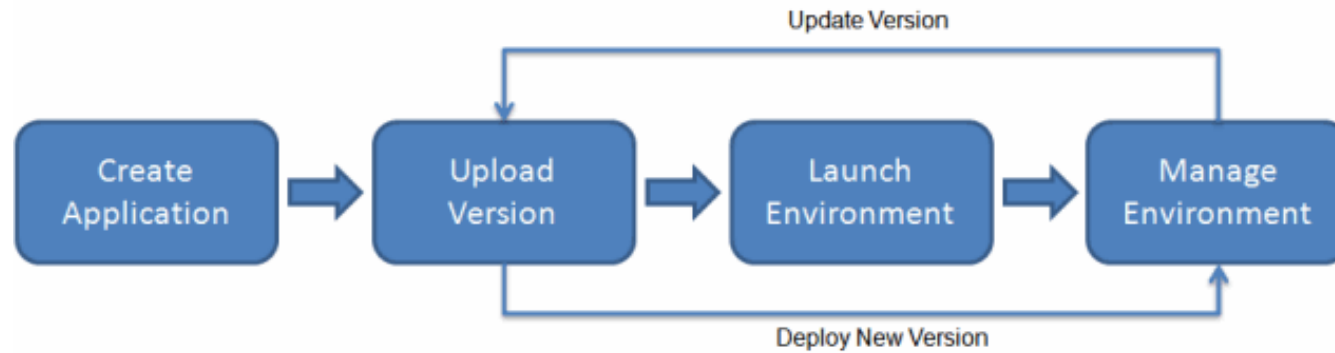
Docker Hub

Pull Image
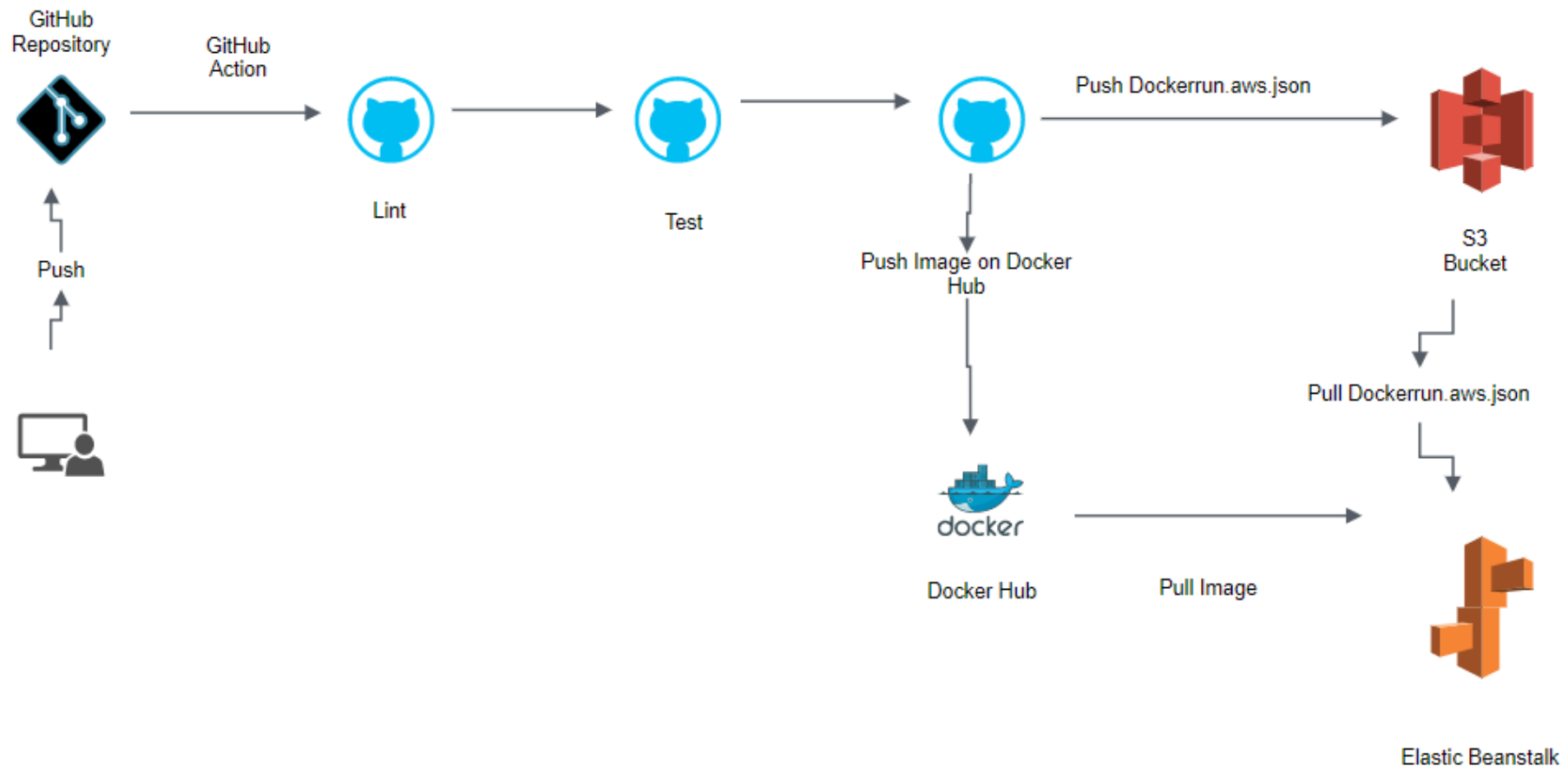
Elastic Beanstalk

Ideal CI / CD

Infrastructure diagram. Elastic Beanstalk

Workflow Elastic Beanstalk

Here are some of the benefits of using Elastic Beanstalk

- Automatically handles capacity provisioning, load balancing, and application health monitoring.

- Automatically scales your application based on your application's specific needs using easily adjustable Auto Scaling settings.

- Keeps the underlying platform running your application up-to-date with the latest patches and updates.

- Provides the freedom to select the AWS resources, such as an Amazon EC2 instance type, that are optimal for your application.