**Blue/Green Deployment**

Steps:

* deploy\_k8\_cluster: Creates EKS Cluster and NodeGroups
* linting-blue/linting green: Lints the docker file for each environment
* docker-image-blue/docker-image-green: creates docker image, tags and push to personal docker hub repository
* deploy\_blue\_deployment/deploy\_green\_deployment: creates k8 deployment, services, assigns **udacap-act-lb** to blue and **udacap-act-lb** to green
* blue-smoke-test: smoke test for the blue environment
* green-smoke-test: smoke test for the green environment, if passes, switches load balancers and assigns **udacap-act-lb** to green and **udacap-act-lb** to blue
* cleanup: deletes passive environment

**Docker Images:**

**Blue:** rluzardo/udacap\_blue

**Green:** rluzardo/udacap\_green

**Deployments:**

**Blue:** udacapblue-deployment

**Green:**udacapgreen-deployment

**Services:**

**Active Load Balancer** = udacap-act-lb

**Passive Load Balancer** = udacap-pas-lb