



GitHub Actions

Docker Build & Push

Fetch DockerHub creds from AWS SSM



IAM Roles

Assume OIDC Role (IAM Role for GitHub)



AWS Systems Manager

AWS Cloud

AWS Region



VPC

AZ-1

AZ-2

Public subnet

(Manual Ops)



EC2 Bastion



Role

Public subnet

NAT Gateway



EKS ENI

Private subnet

EKS Worker node_1

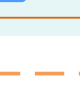
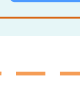
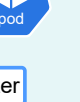


Staging ENV

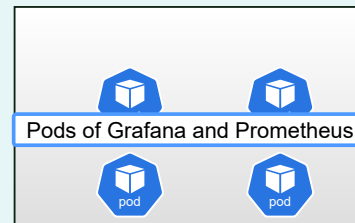
NODE Exporter

Private subnet

EKS Worker node- 2



Production ENV



NODE Exporter



Grafana



Prometheus

