End – End Deployment

NodeJs - Jenkins - SAST - Argo CD - K8S- Observability



Kubernetes - EKS END TO END Deployment:

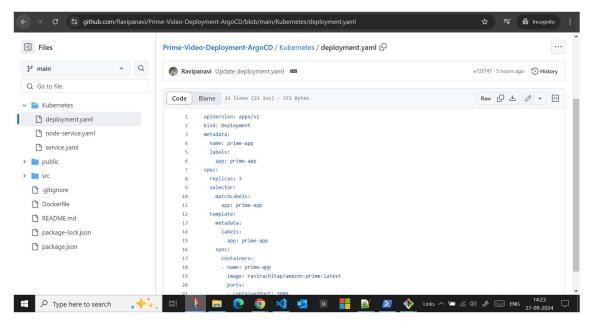
Overview of this project:

Deploying the Node JS based application on EKS through Argo CD with secure deployment.

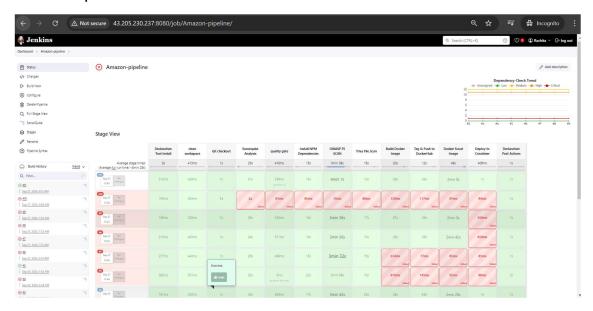
Text stack:

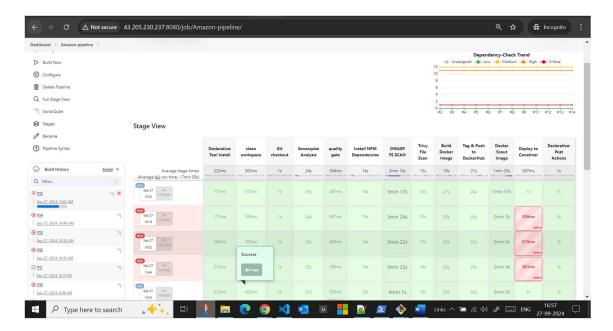
- Node JS
- AWS Ec2 instance.
- Jenkins CI Pipeline.
- GitHub.
- Security SonarQube & Trivy.
- Docker & Docker Scout
- Cloud Formation Stack
- EKS
- Argo CD
- Observability Prometheus & Grafana

GitHub: https://github.com/Ravipanavi/Prime-Video-Deployment-ArgoCD



Jenkins CI - Pipeline

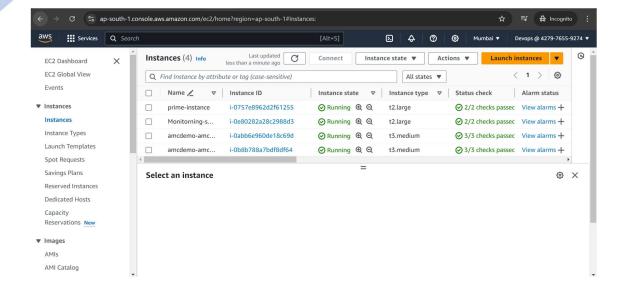




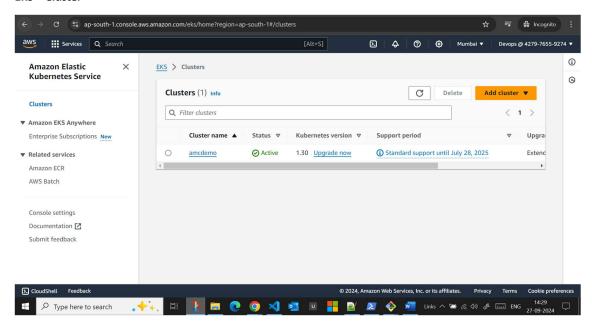
EC2 Instance and EKS Cluster:

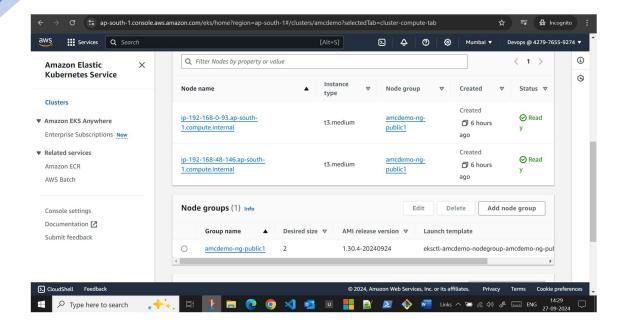
Prime – Instance: Jenkins CI Pipeline, Docker, Sonar and Trivy app's installed.

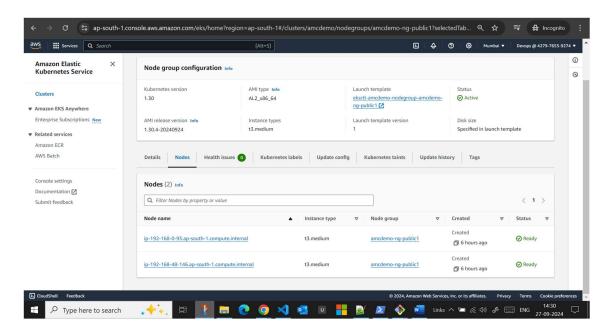
Monitor Server: Prometheus and Grafana app's installed.

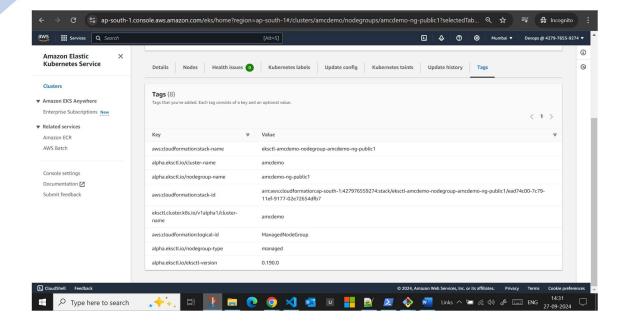


EKS - Cluster

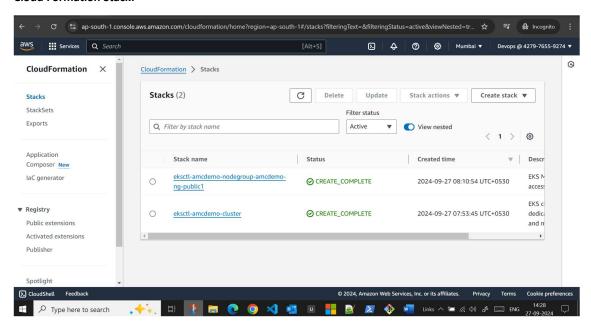




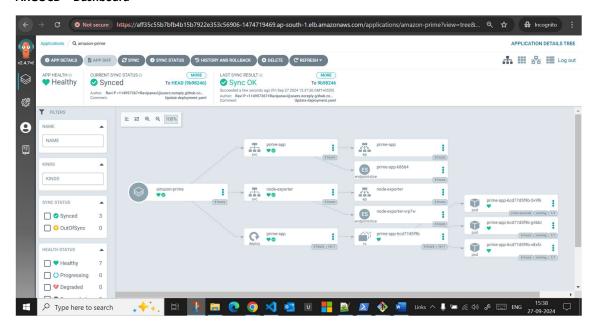




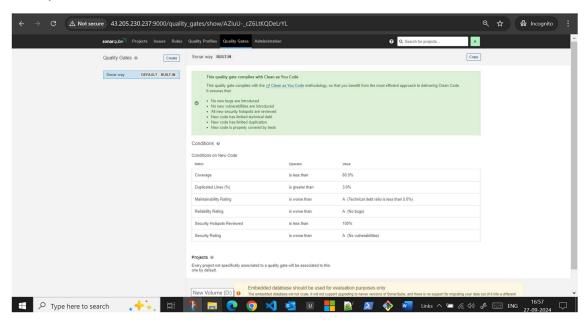
Cloud Formation Stack:

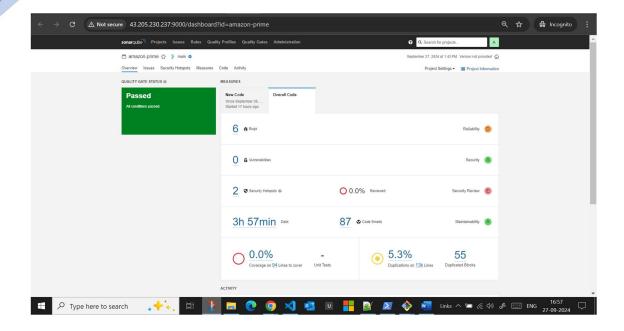


ARGOCD - Dashboard

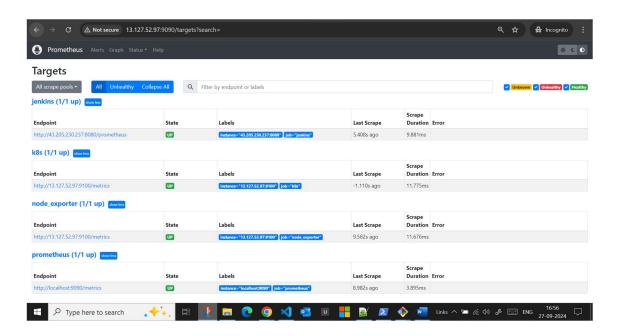


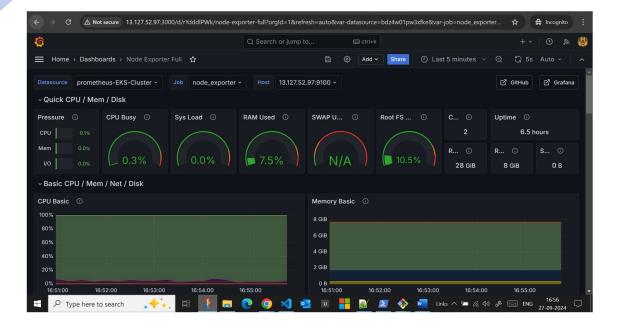
SonarQube:

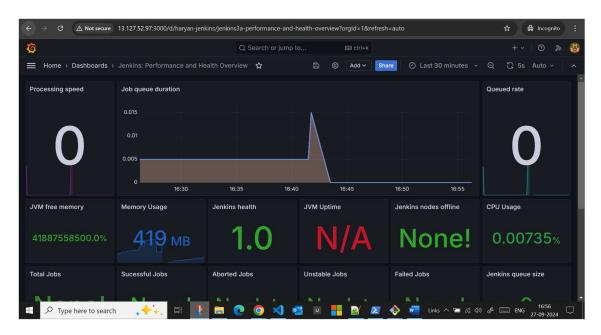




Observability:







Thank you!!