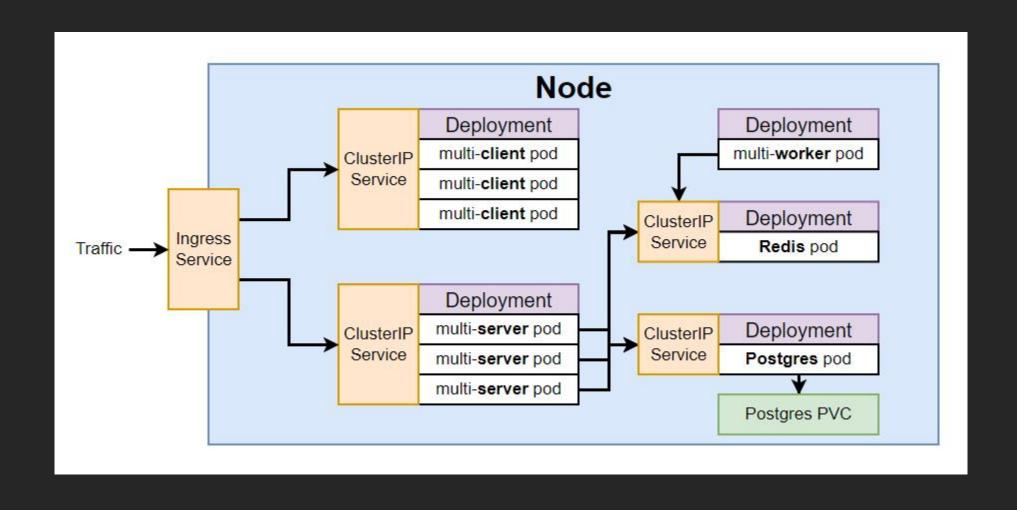
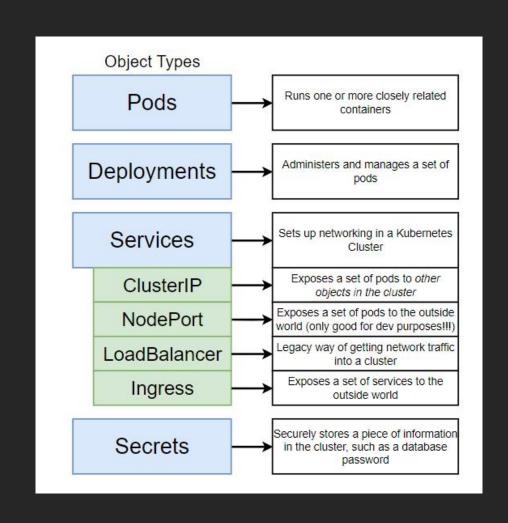
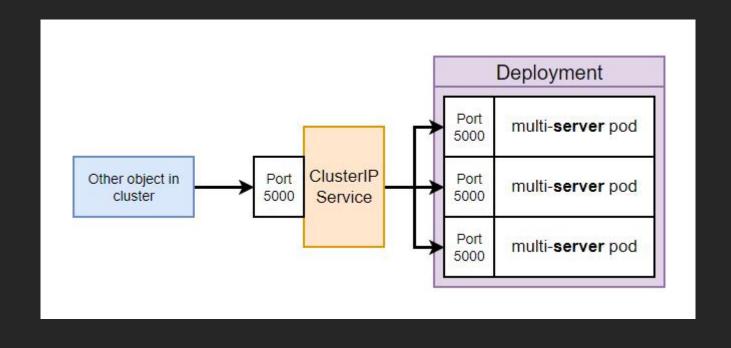
- Kubernetes System Architecture



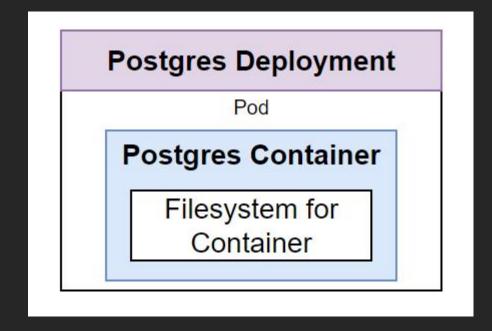
System Architecture - Object Types



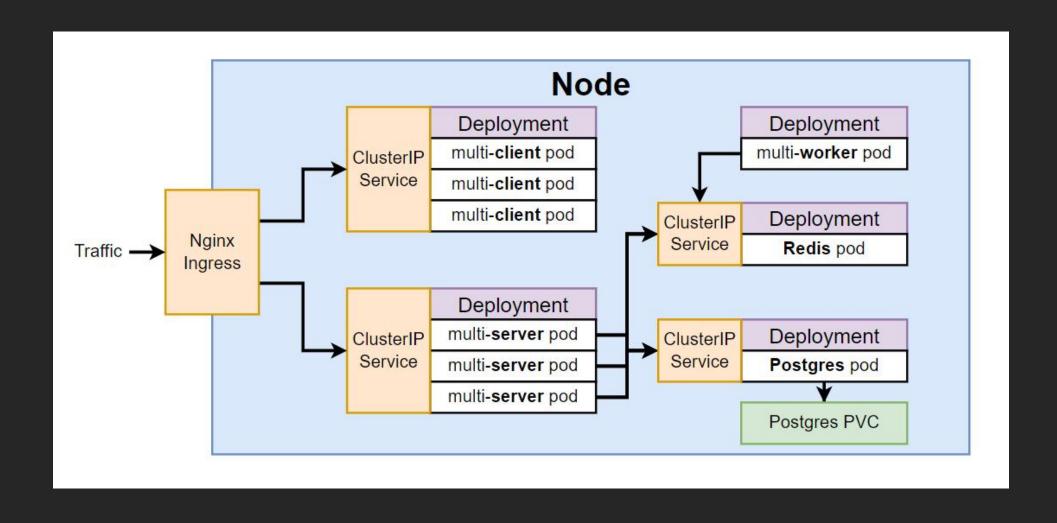
- Deployment and Service Object type sample



- Postgres Deployment



- Node and Ingress-Nginx

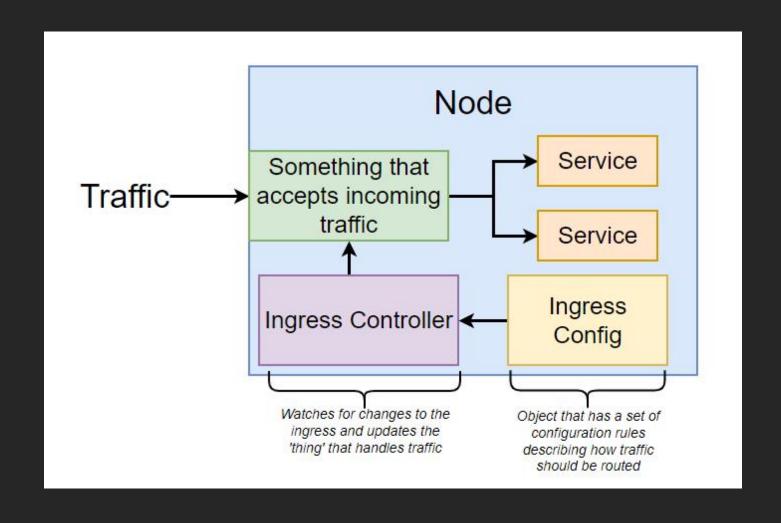


- Ingress-Nginx configuration page

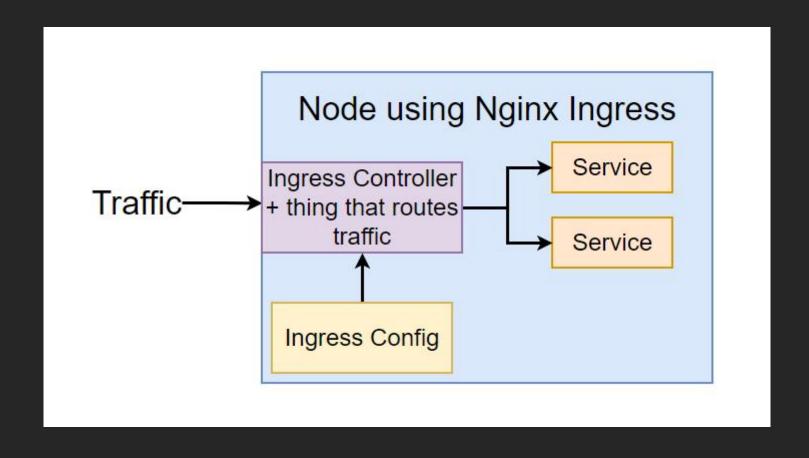
We are using **ingress-nginx**, a community led project

github.com/kubernetes/ingress-nginx

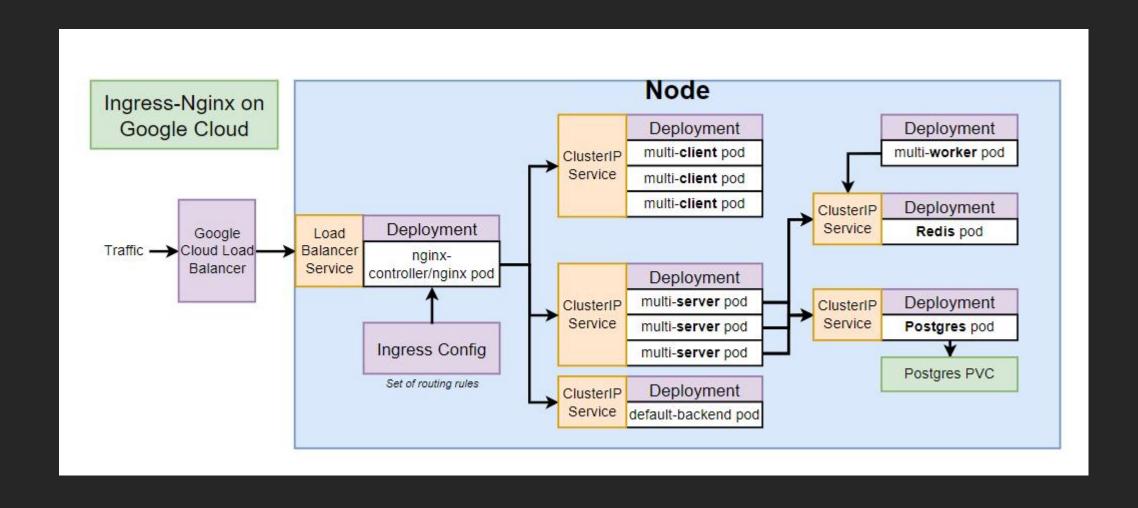
System Architecture - Ingress logic



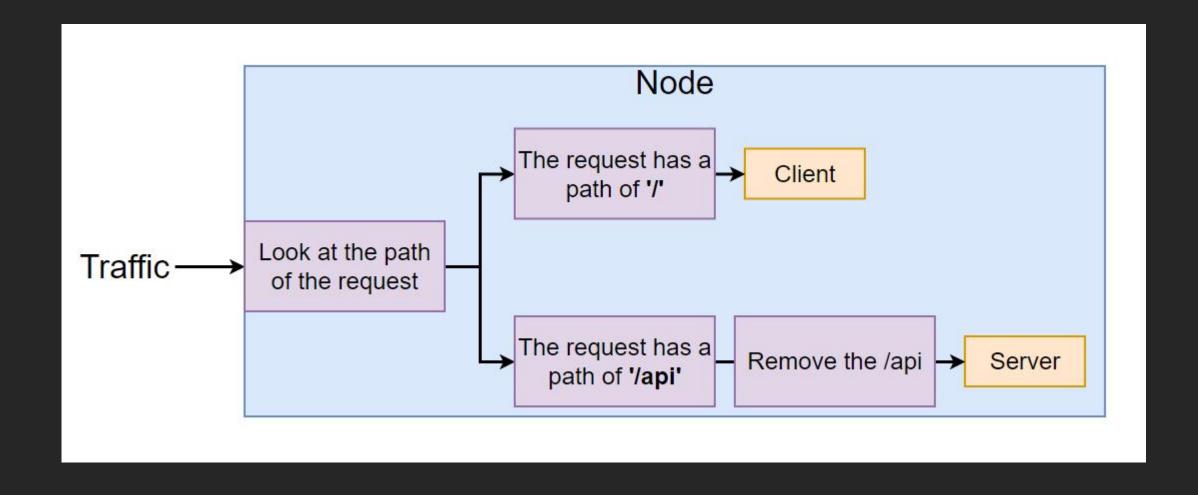
System Architecture - Ingress-Nginx



- Ingress with Node system and Cloud, how is work



- How traffic is handling



System Architecture - Deploy workflow

Check out a branch

Make changes

Commit changes

Push to github branch

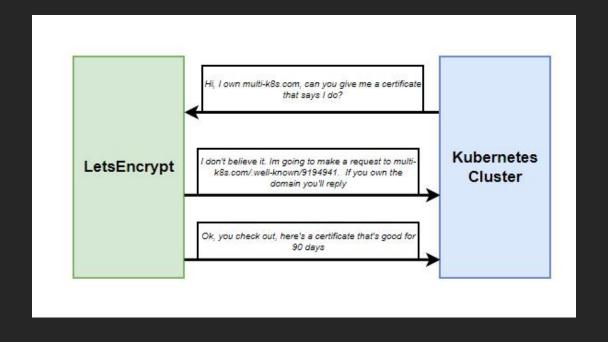
Create a PR

Wait for tests to show up 'green'

Merge the PR

See changes appear on prod

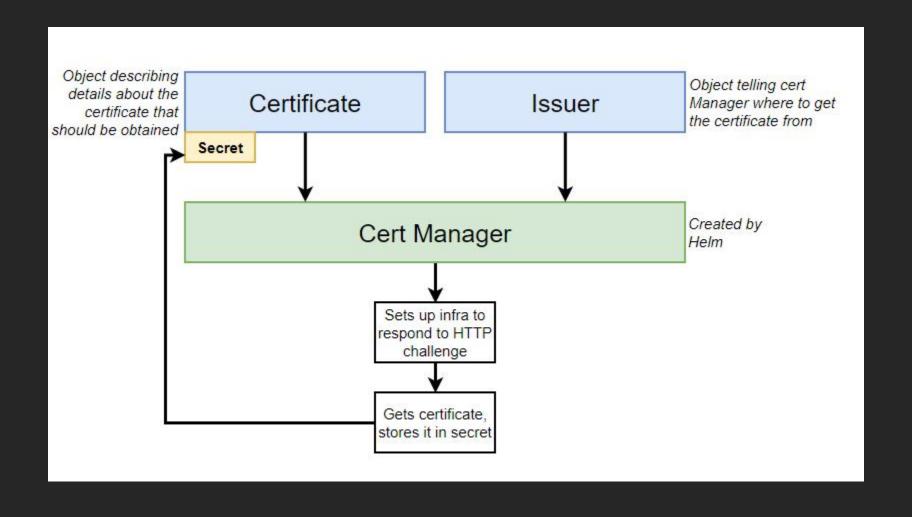
- Cert-manager logic
- Cert-manager configuration



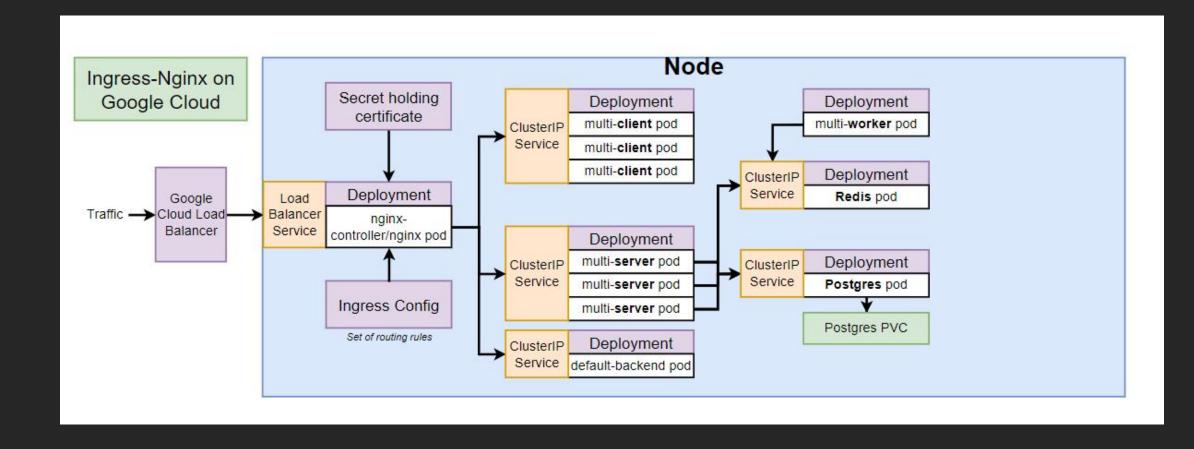
Cert Manager

github.com/jetstack/cert-manager

- Certificate and Issuer



System Architecture - System with certificate



- Differences between Volume and Persistent Volume

