





Ingress Setup

Client

services in Kubernetes are exposed with ingress controllers for safety and security. They also allow for multiple services to be exposed on one ingress controller

Client Requests for

K8s  
infrastructure







Control Plane  
Nodes



Suzaku



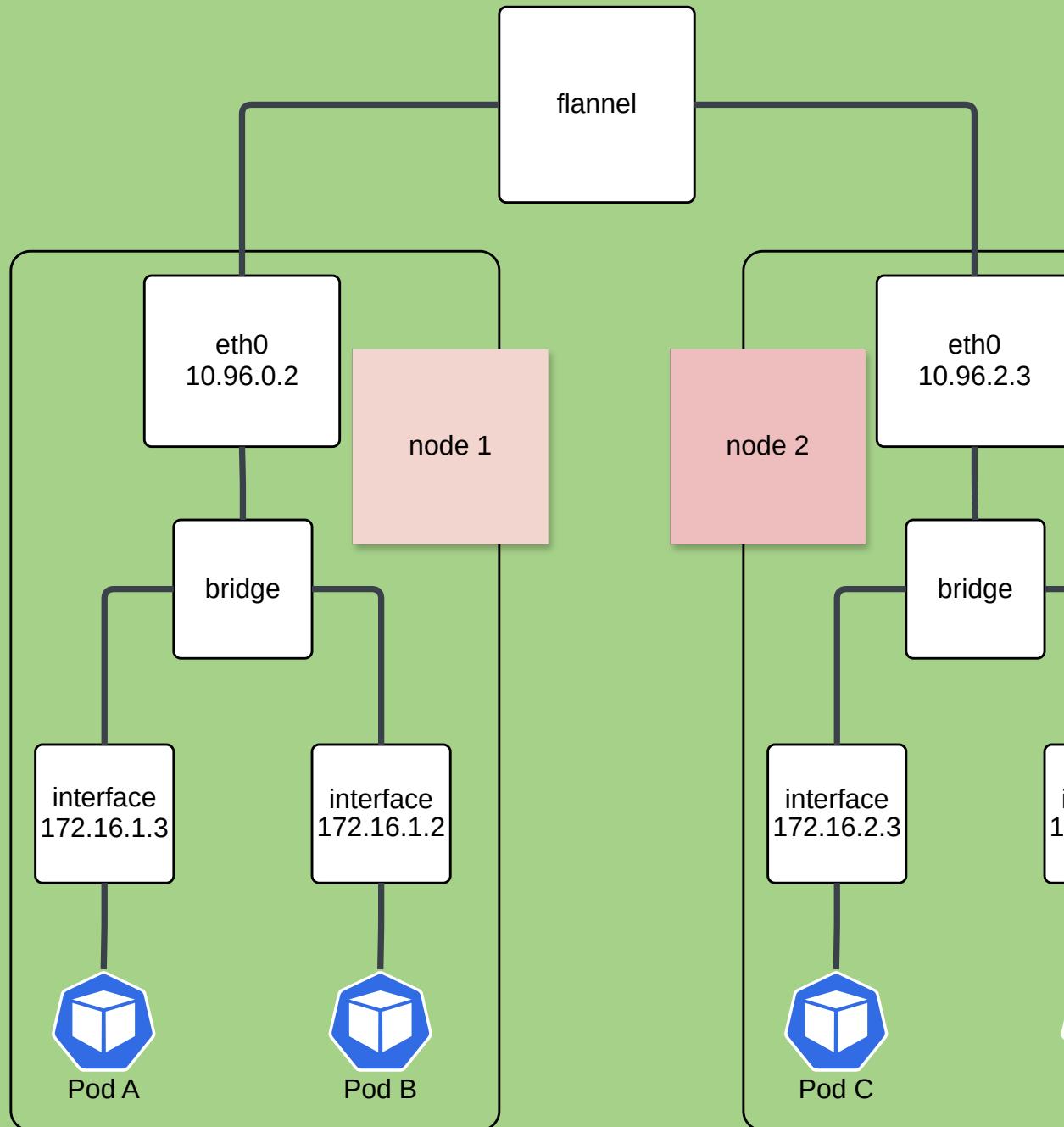
Amun

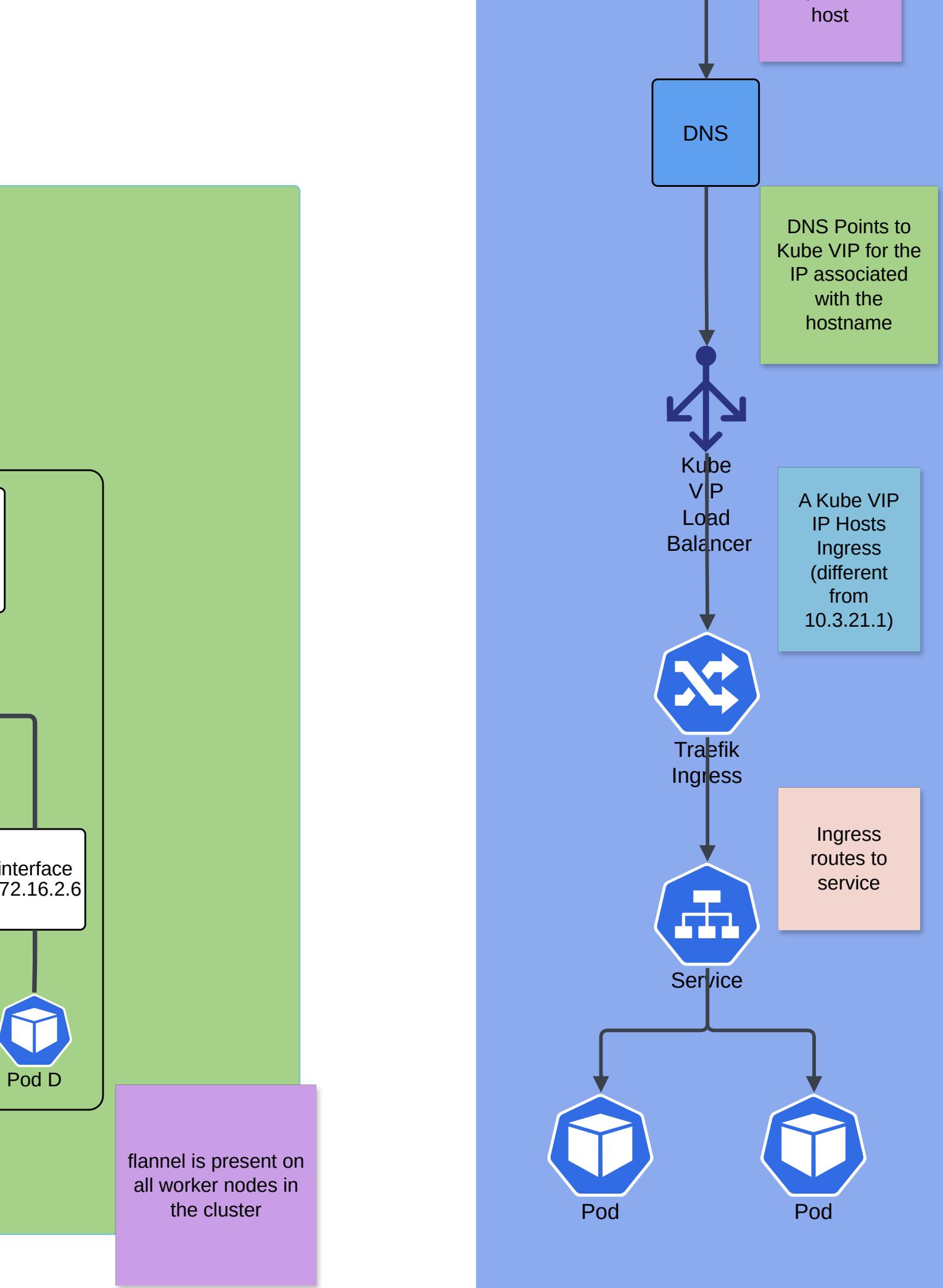


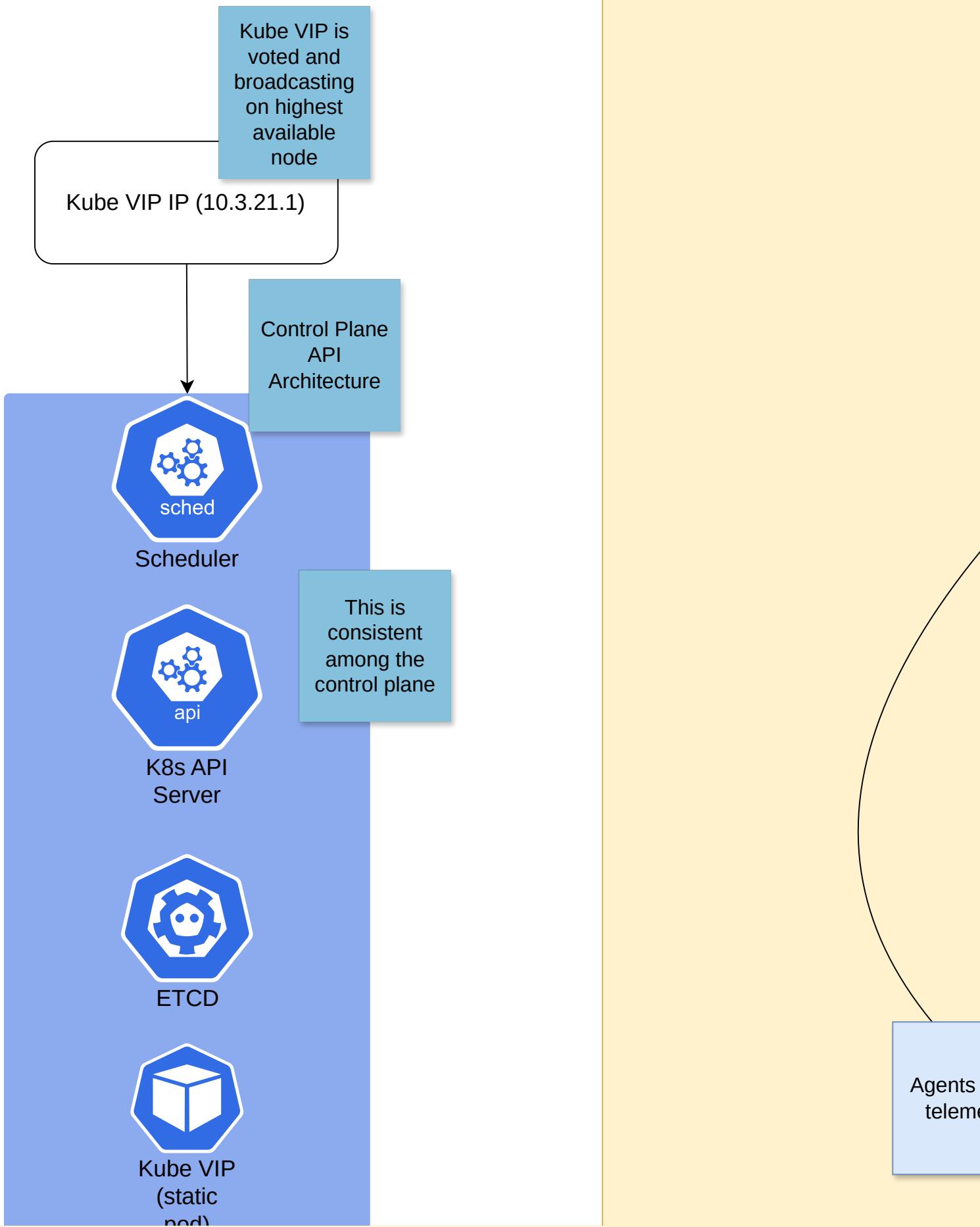
Cyberman

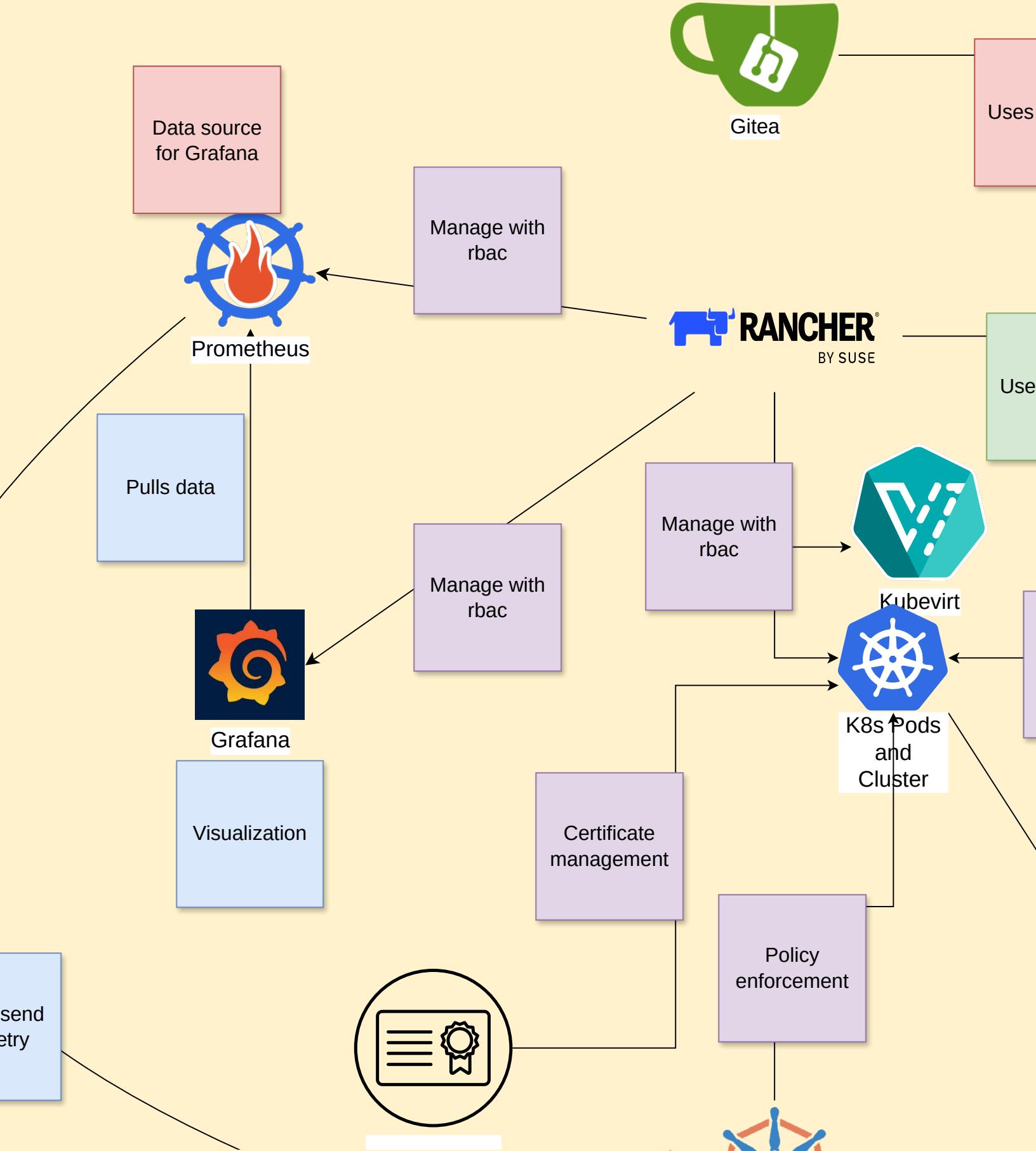
All control  
nodes are  
currently also  
worker and  
etcd nodes

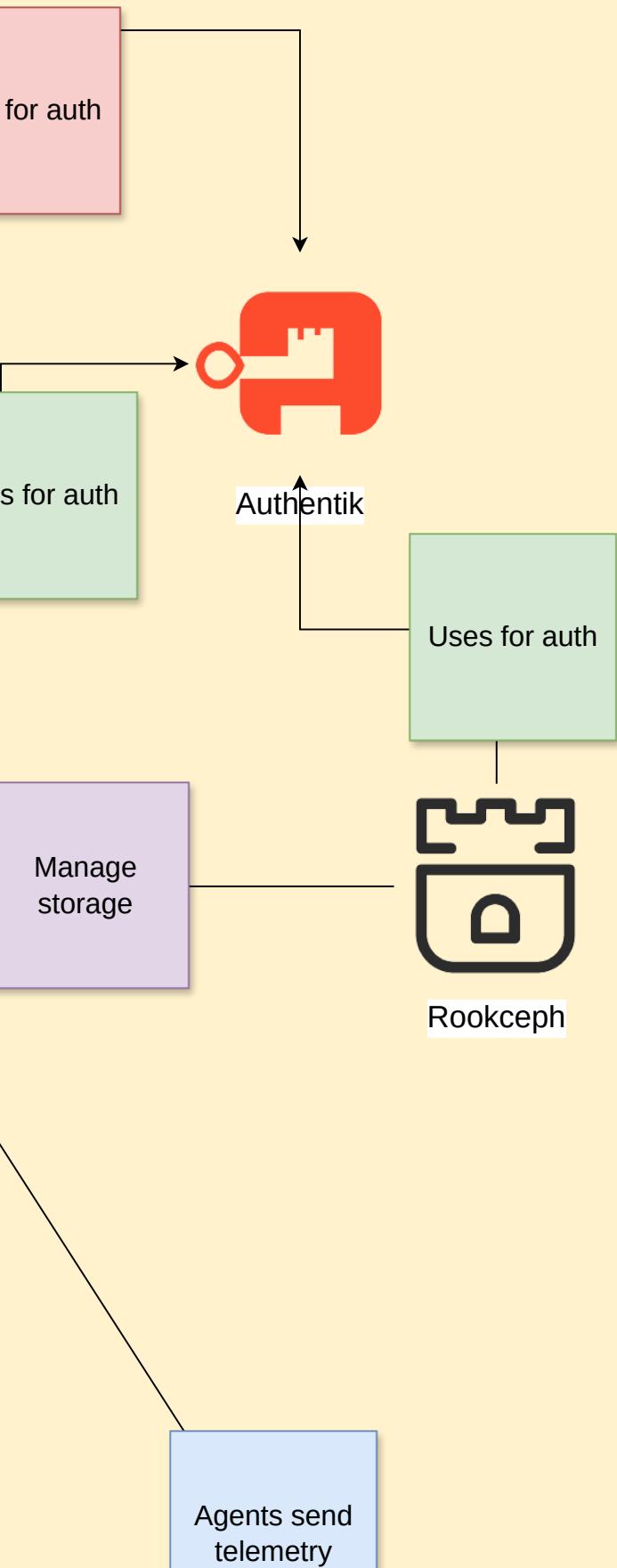
## Flannel Networking with VETH











Cluster Policies (norms and ca)

#### sync-ca-cert

syncs Cert Manager among all pods using a map that is applied to namespaces

inject-prv  
sets the SSL\_CRT point to /etc/certs/ update the certmap updating the certificates to work with the certificates

in default kyverno  
(title)

### Certificates

Manager CA  
using a config  
applied to all  
spaces

**create-ca**  
CERT\_DIR to  
ssl/certs to  
erts without  
erts manually  
e **sync-ca-**  
**s** policy







pod)

Cert Manager



clusterpolicies.kyverno.io



elastic

Elasticsearch Cluster (not in Kubernetes)

