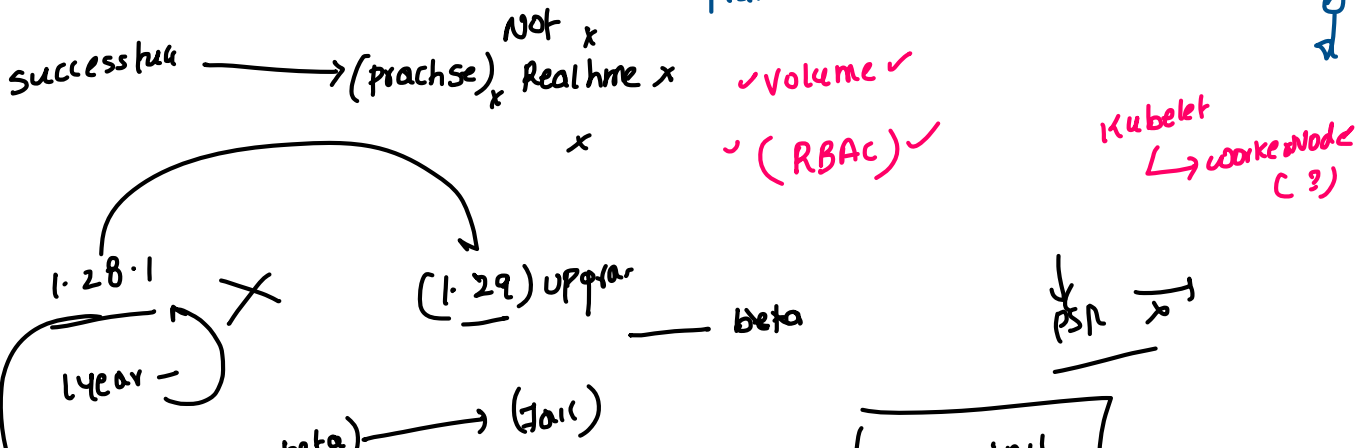
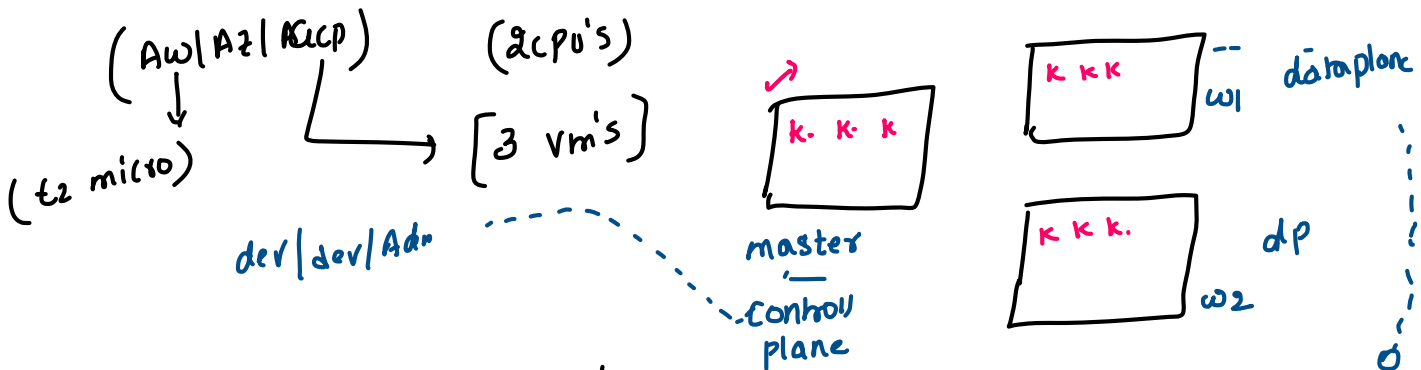
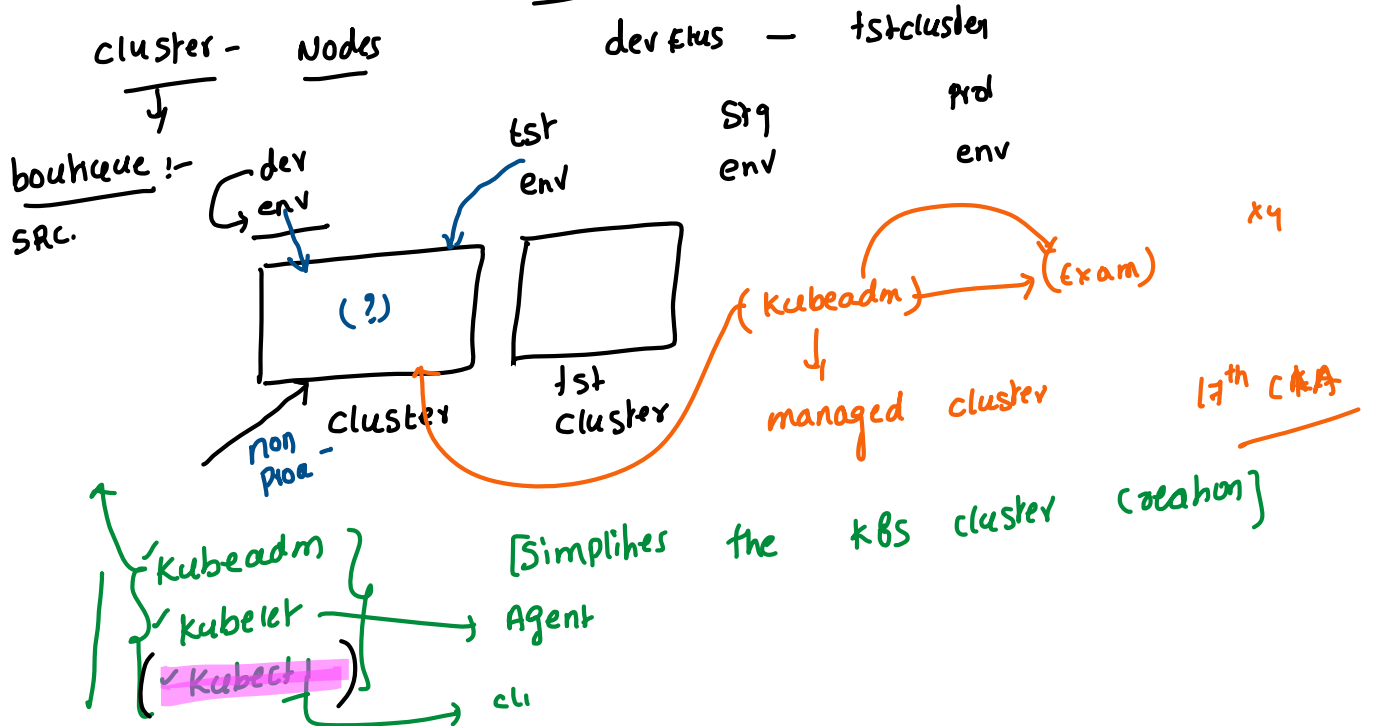
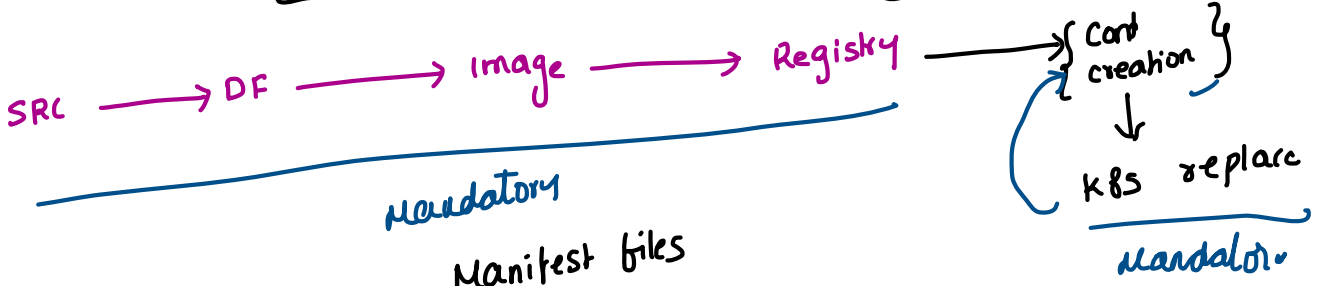
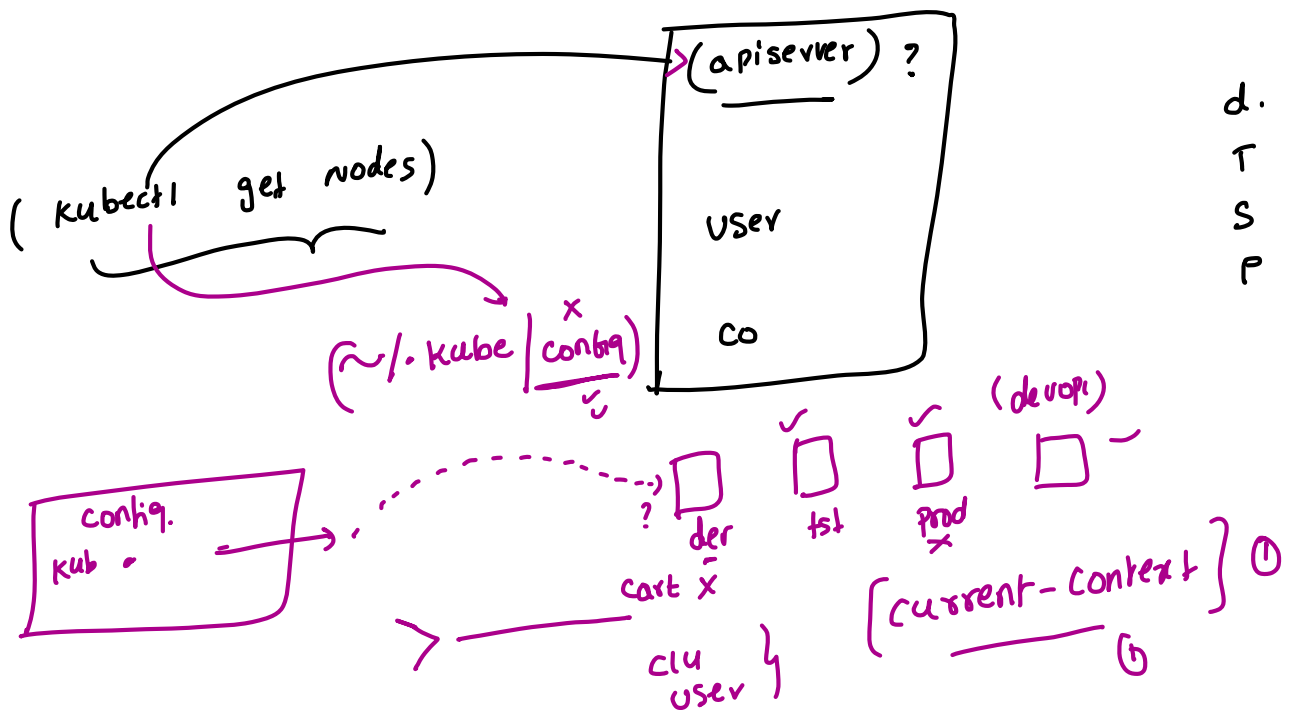
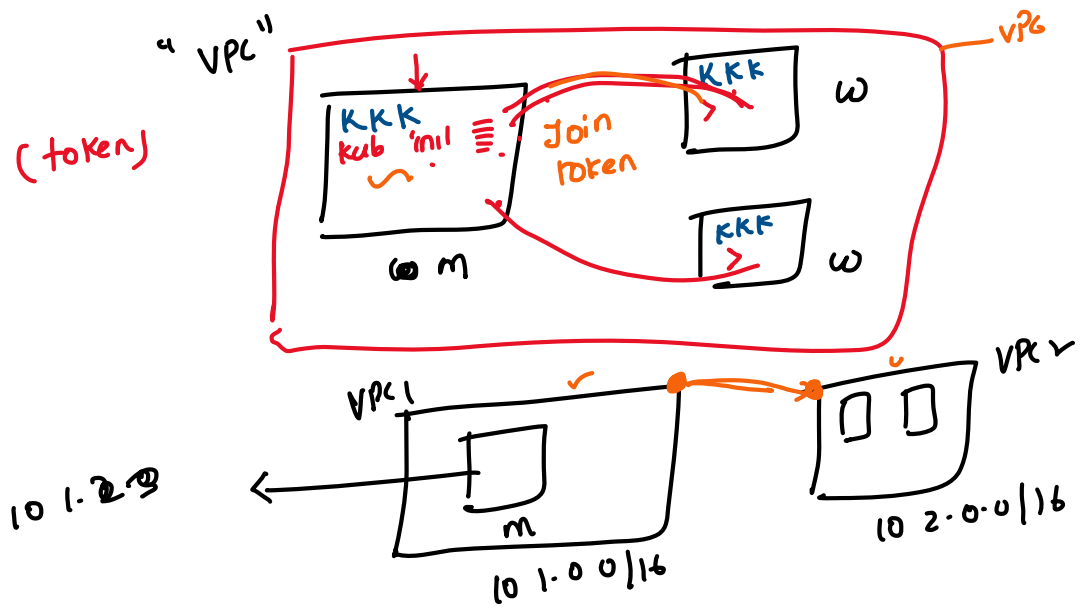
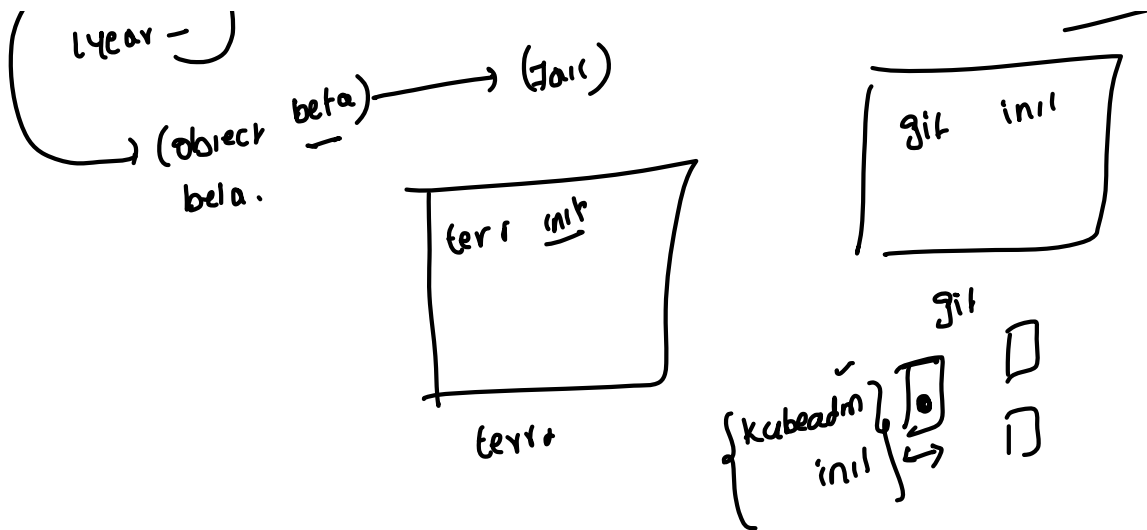


31.03.2024

k8s → M WN cluster

cluster ✓
(k8s objects)

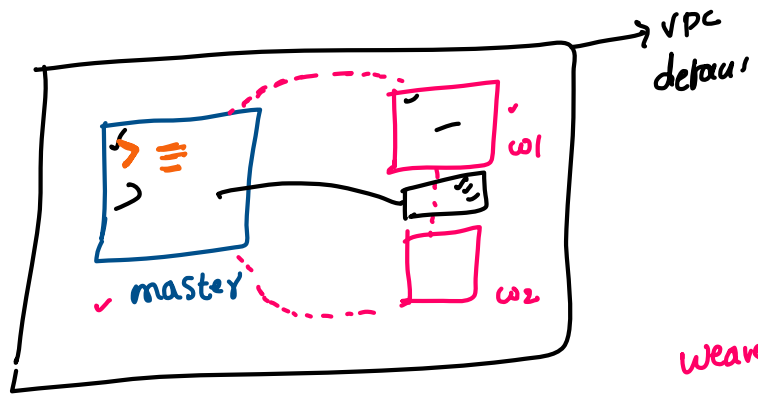




ALOS
GRE
AKI
On 400 A(hu)
open

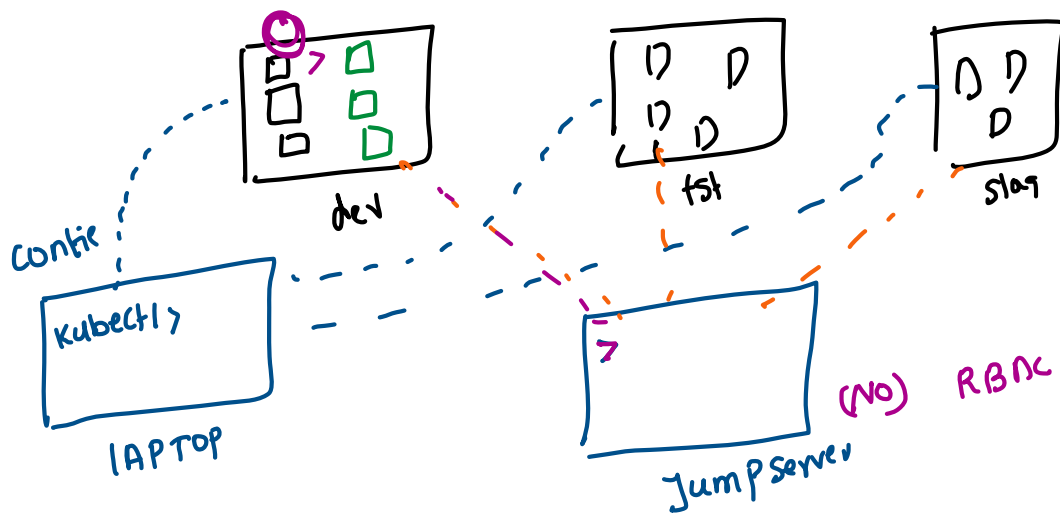
516
12

(CNI)



(kubect get nodes)
(master)

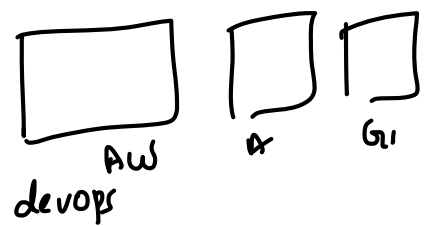
Weave
Flannel
Azure
AWS
ACR



(NO) RBAC

(CNI plugin)
[XX (Flan)]
✓ cal
✓ Wea
networks

(NOT Ready)
↑
(1hr)
(core DNS Pending) 3
-n kube-

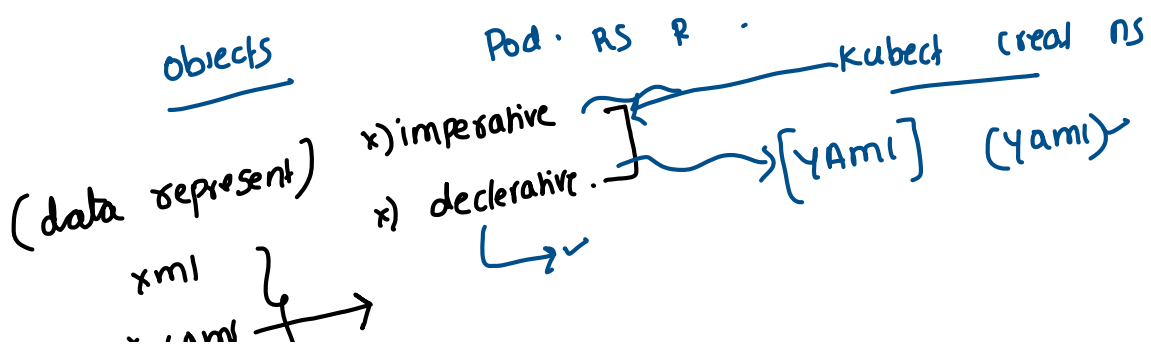
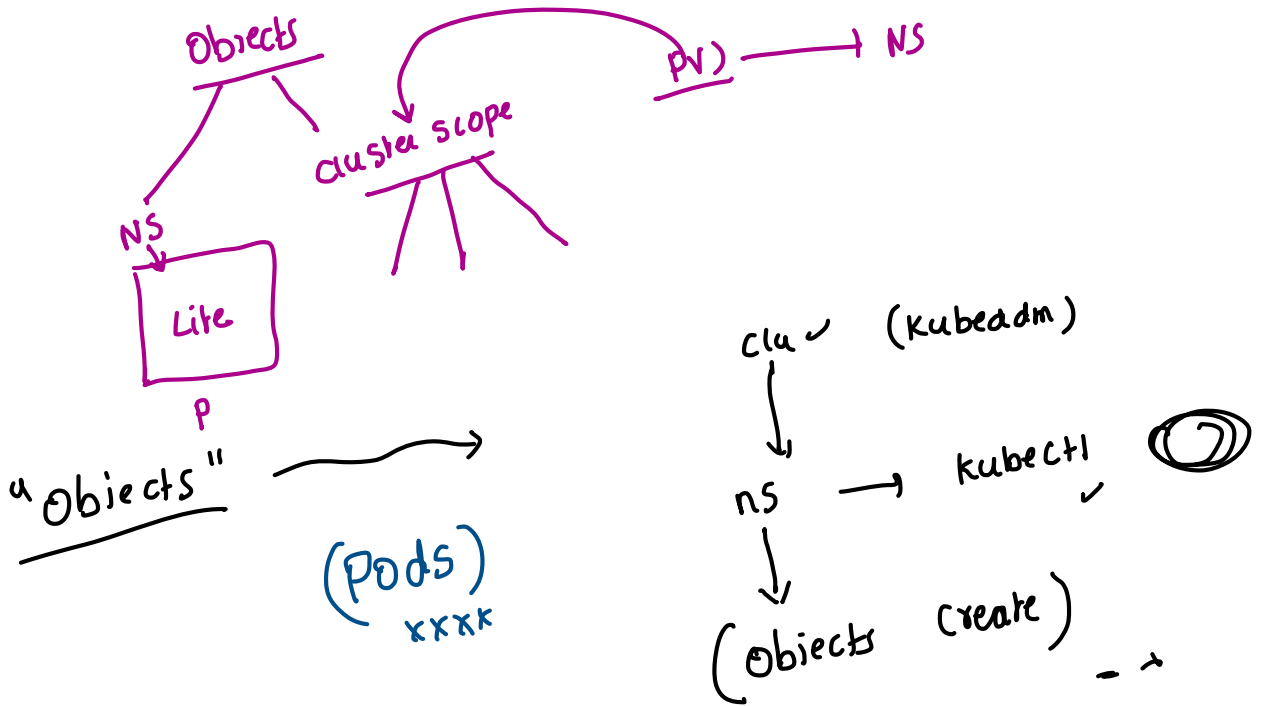
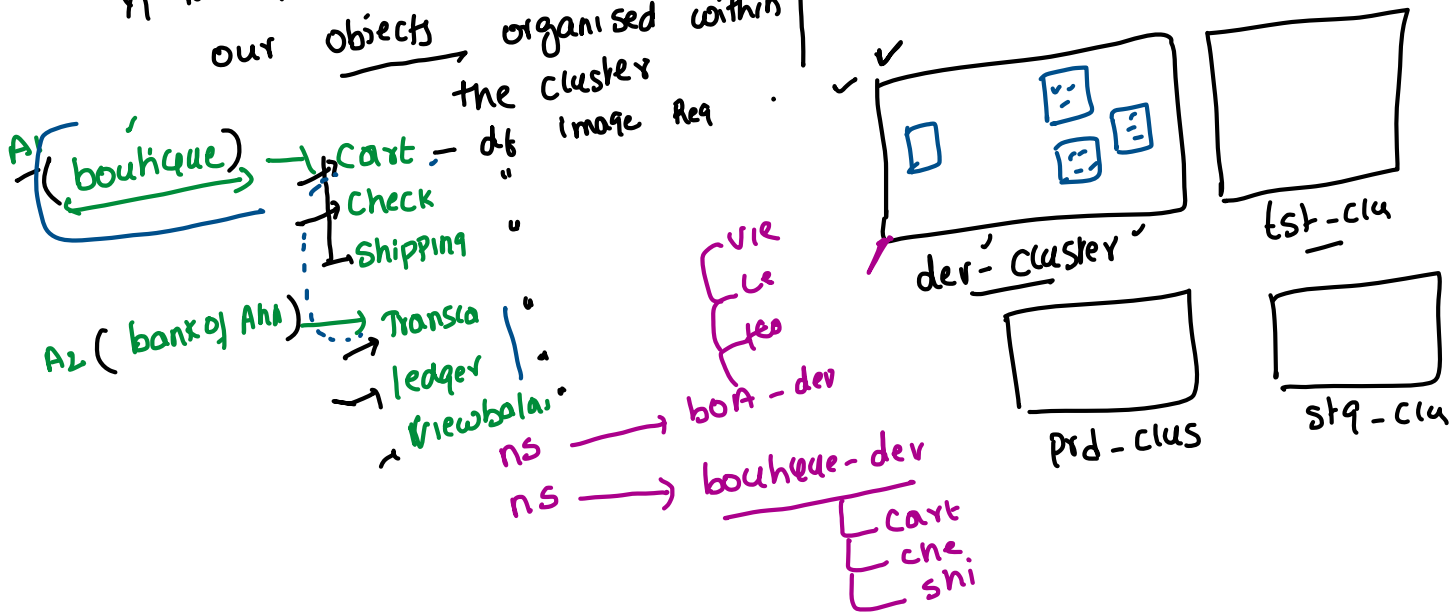


(developer)
src code →
DF
image → Registry → (deploy) kubenet

(SAME)
w1
w2 } (dev-cluster)

"NAMESPACE"

x) NS is logically dividing our cluster to deploy resources. dr ts st 1
 y) NS provide a way to keep our objects organised within the cluster AP ↑↑



→ ✓

→ ^kname: ^vSiva
 ^kfruit: ^vapple ✓
 link

```
prc | map
```

Apple:

color:	red
fat:	x
can:	y

Array lists:

Fruits:

- Apple ✓
- orange ✓
- Pear ✓

```

kind: Pod ✓
list {
  - c1
  - c2
}
cont {
  name: c1
  im: x4
} MAP

```

Yami

vis ← - Banana cai: va } er dict
cor - va

- orange
col: va
Co: Vi

— mango

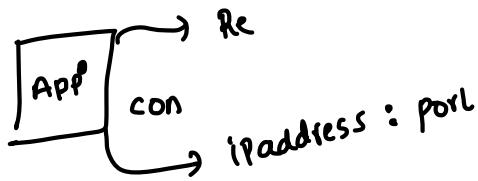
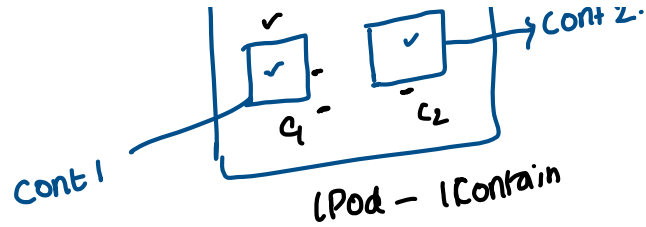
[Pod]

[Pod]
K8s doesn't dep con dire. app deploy) containers
image
pod.

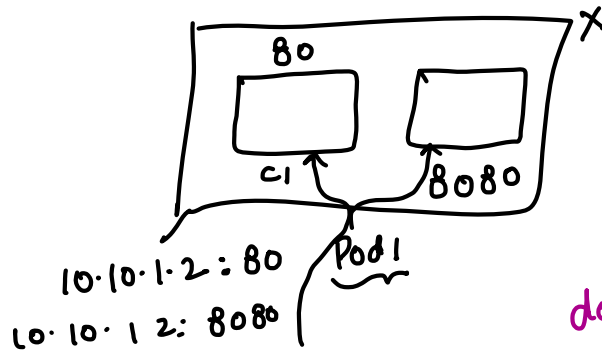
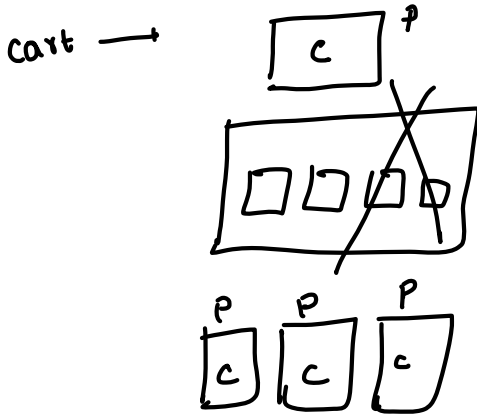
cast_{2P} →

Diagram illustrating the relationship between a container and a pod. A container (labeled "Contar") is shown above a pod. The pod contains two containers, one of which is labeled "Cont 2.". A pink arrow points from the "Contar" box to the "pod" box, and a blue arrow points from the "pod" box to the "Cont 2." box. The pod is labeled "pod" and "Resources".

Cart \xrightarrow{ap}

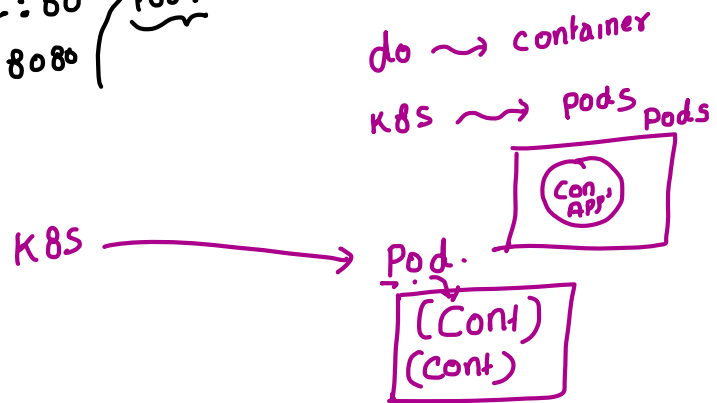


Pod has ip address, where as
Container inside the pod **Share**
Port Numbr

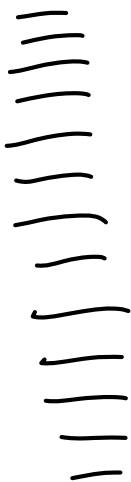


1). (kuber \rightarrow yam) ns.
Po

2)

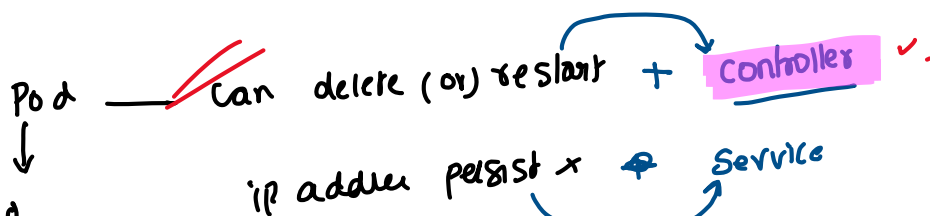
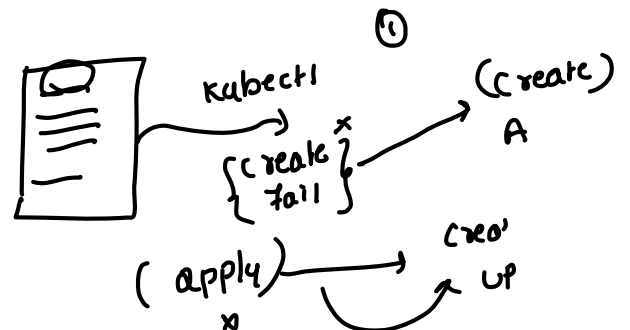


boukue - dev



check

Ship



↓
o

