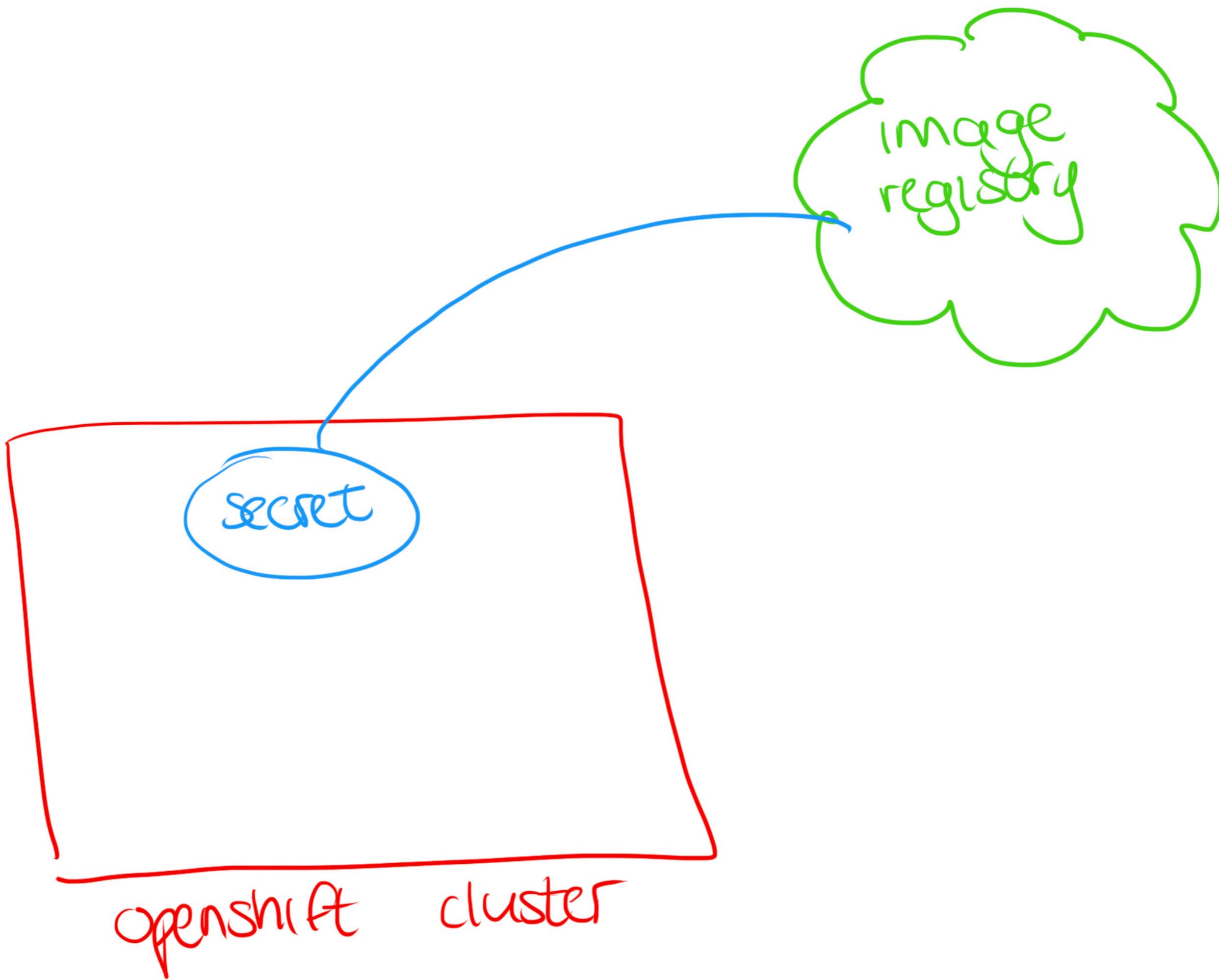
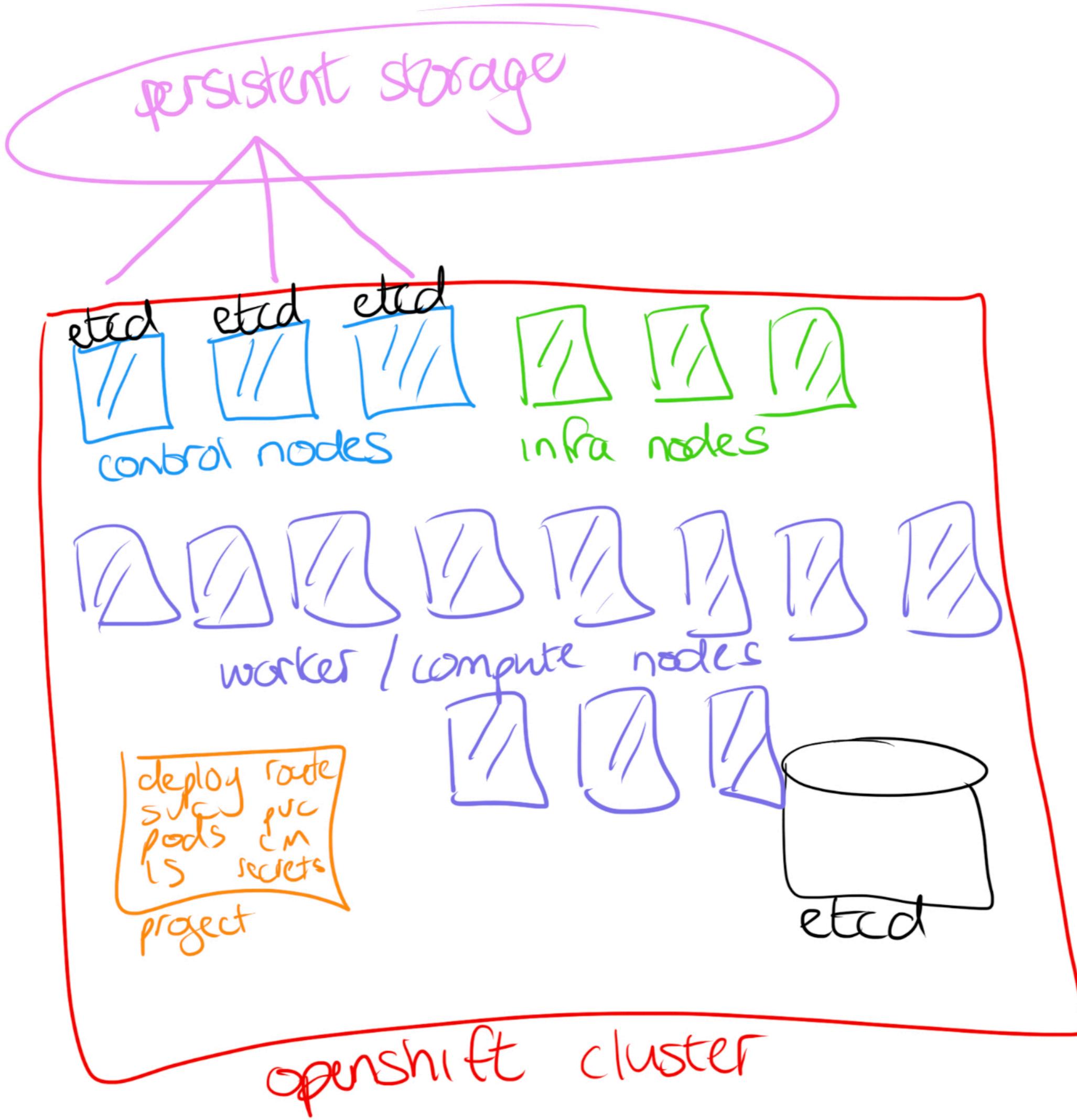
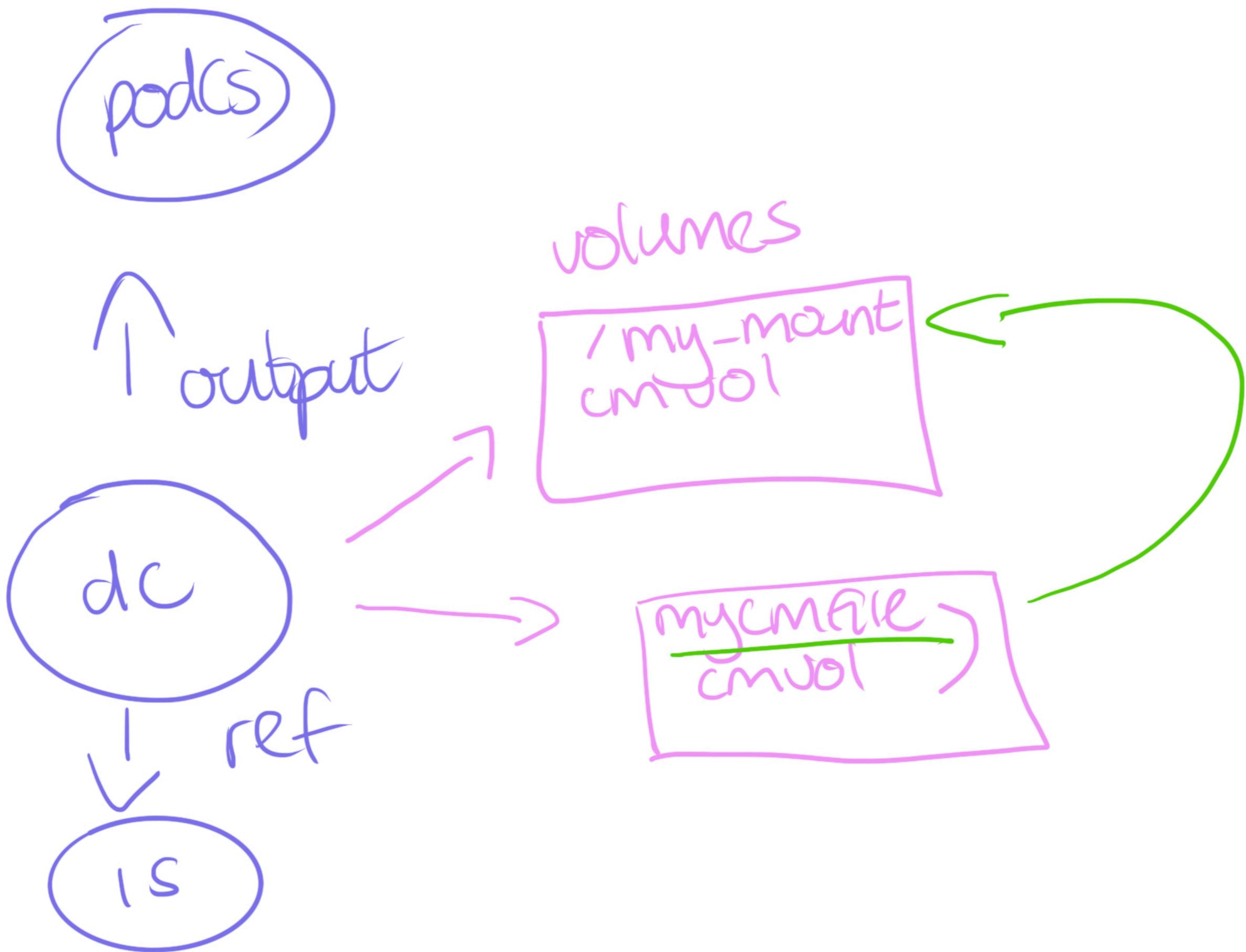


environment variables
files







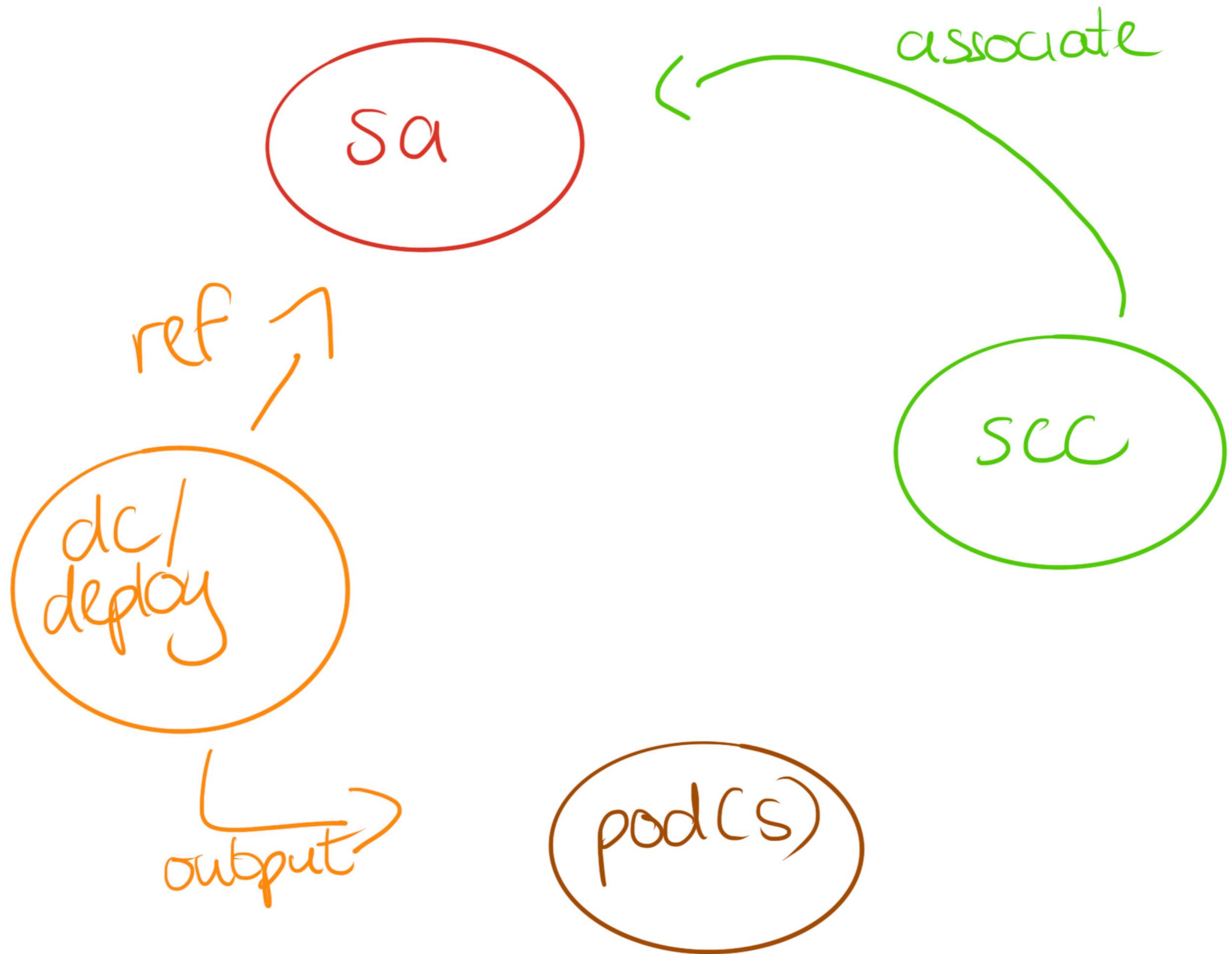


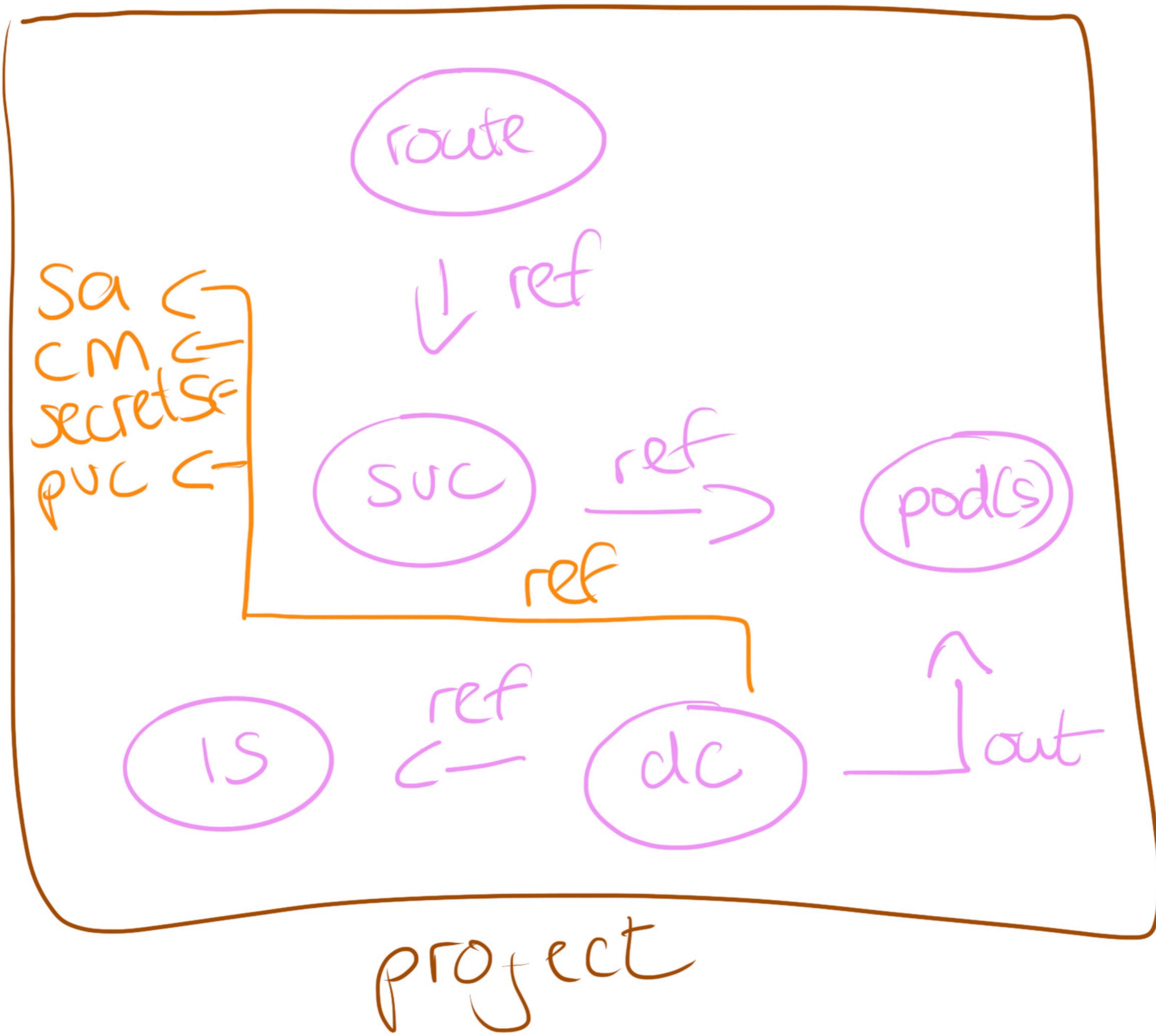
CrashLoopBackoff

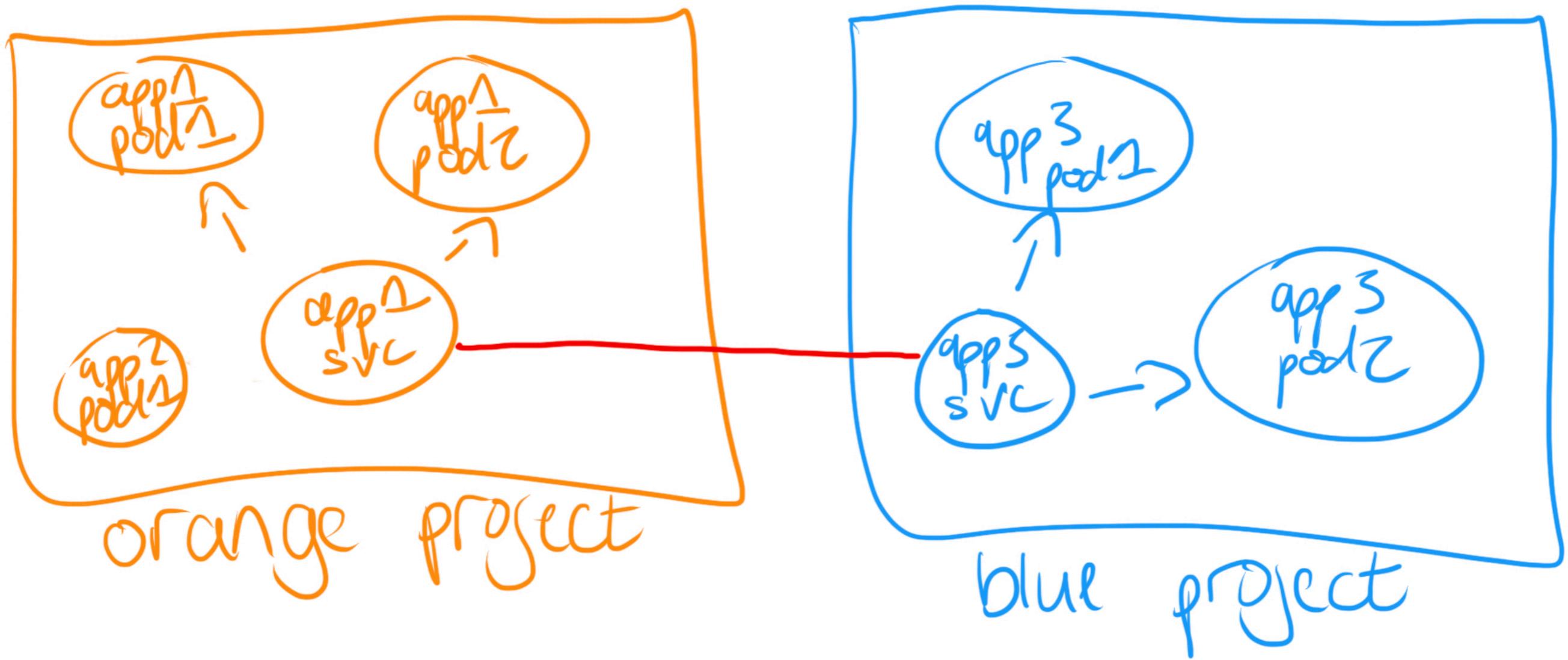
openShift will ignore the UID spec of
your image metadata

pods run with privileges of a random UID

Random user will be a member of GID 0

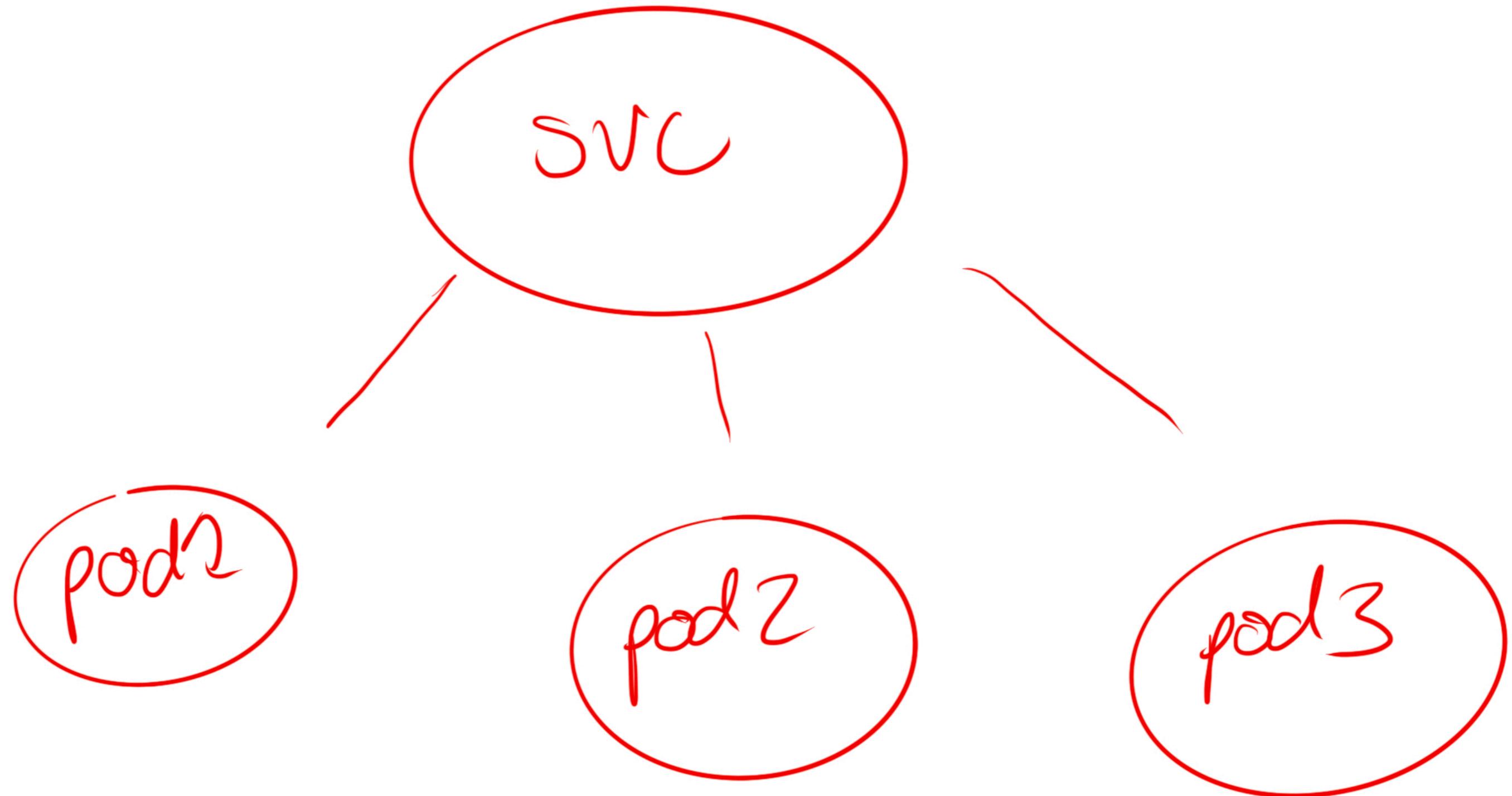






servicename.projectname.svc.cluster.local

dns suffix



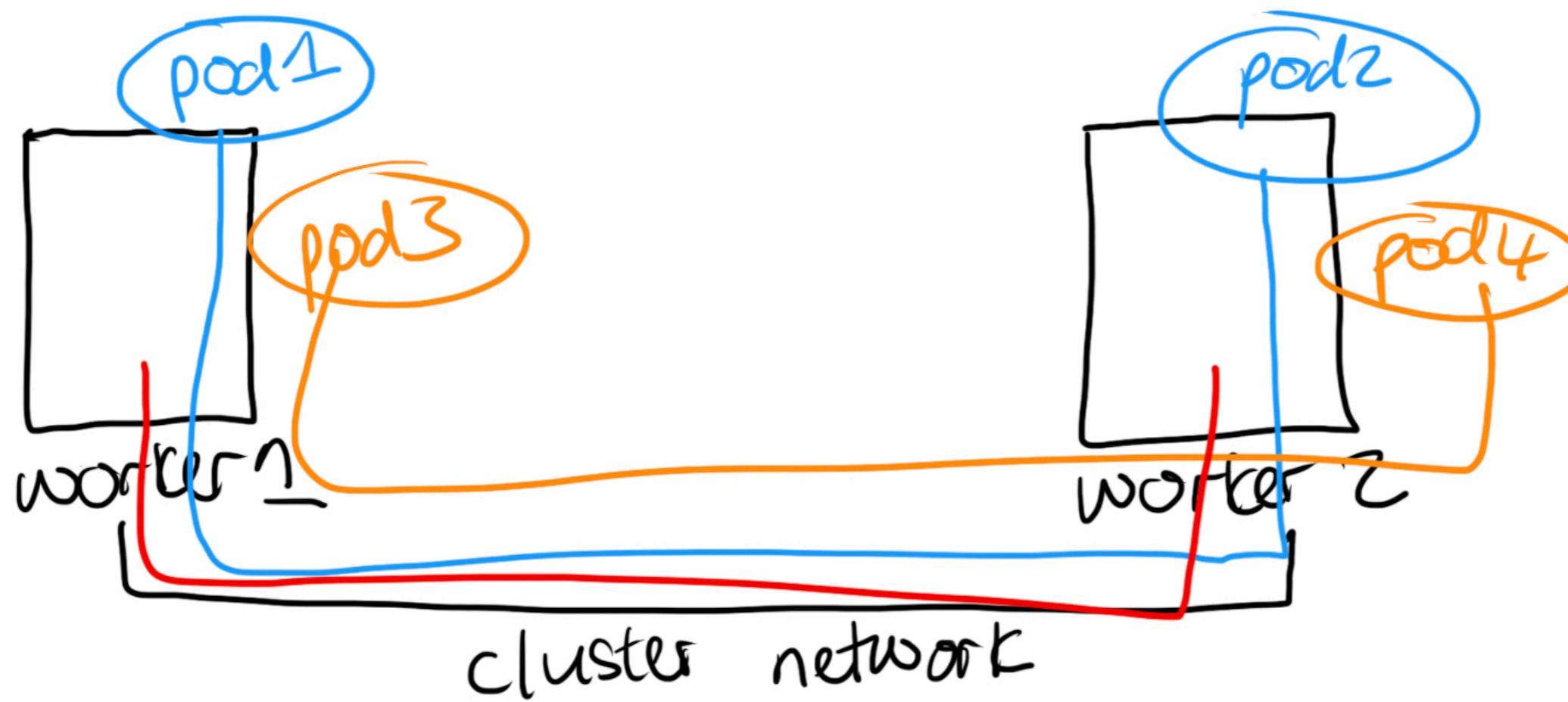
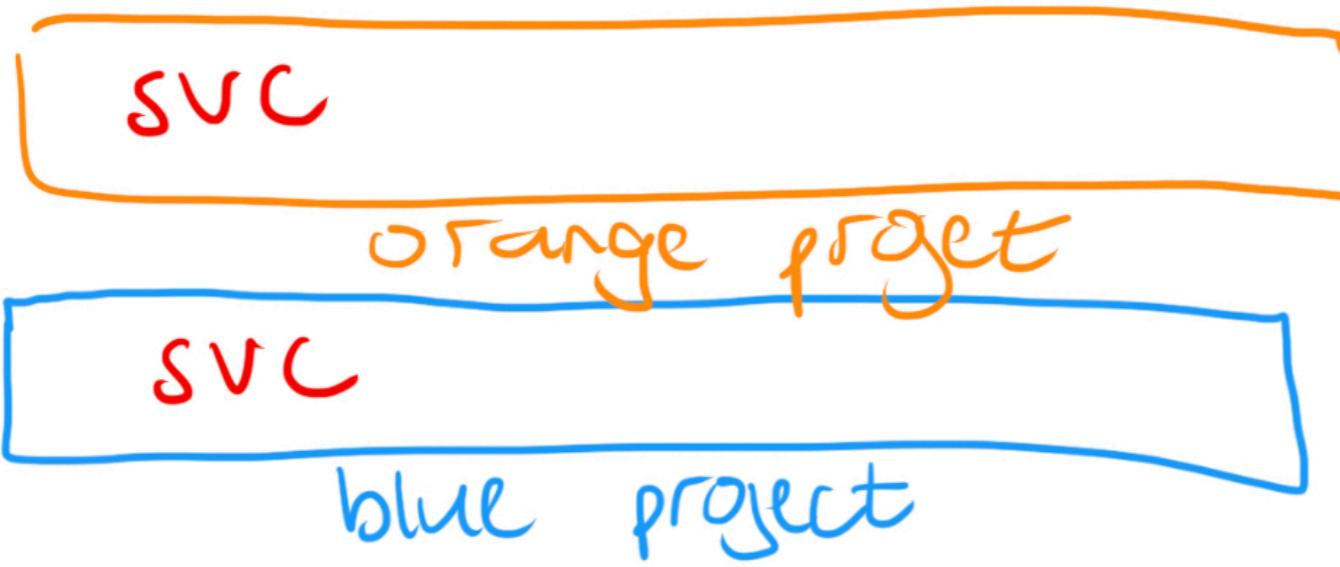
fe

db

cm

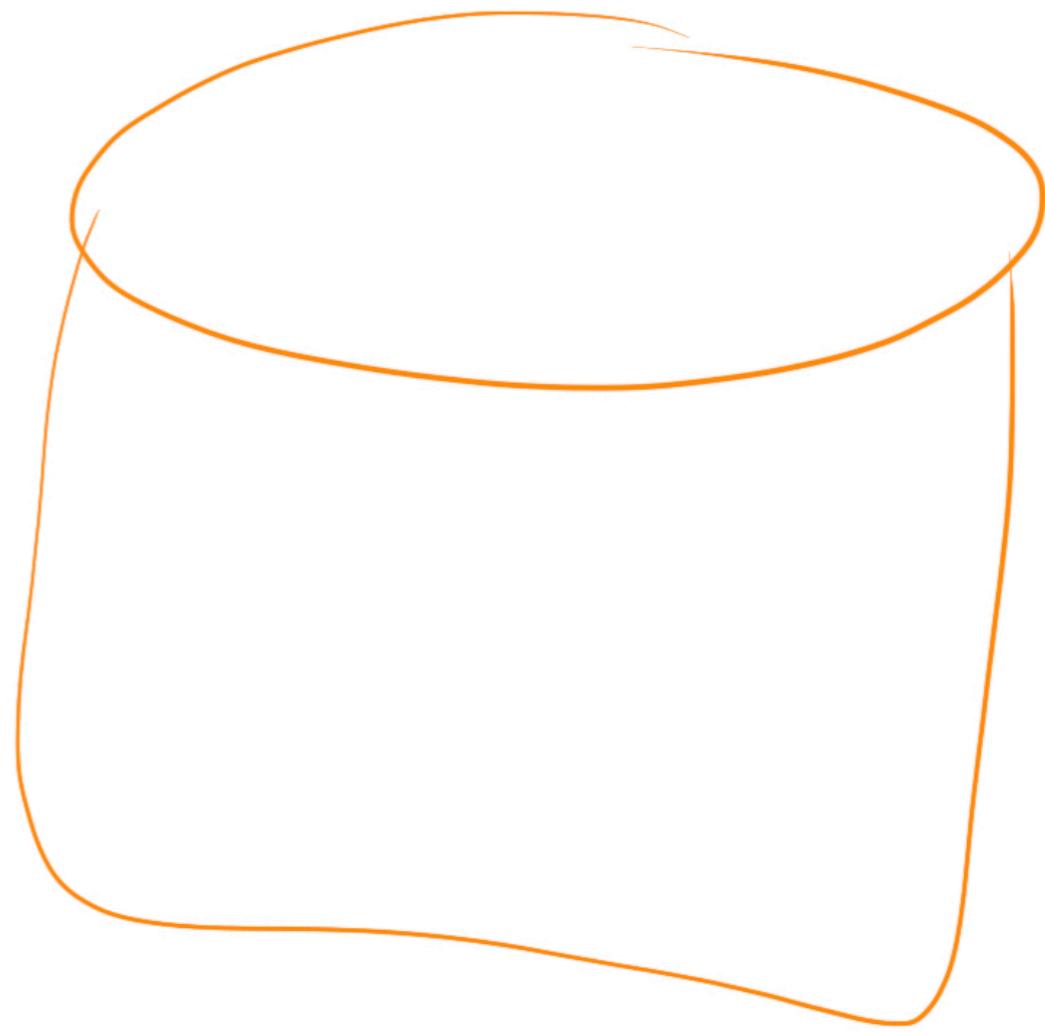
dbhost=

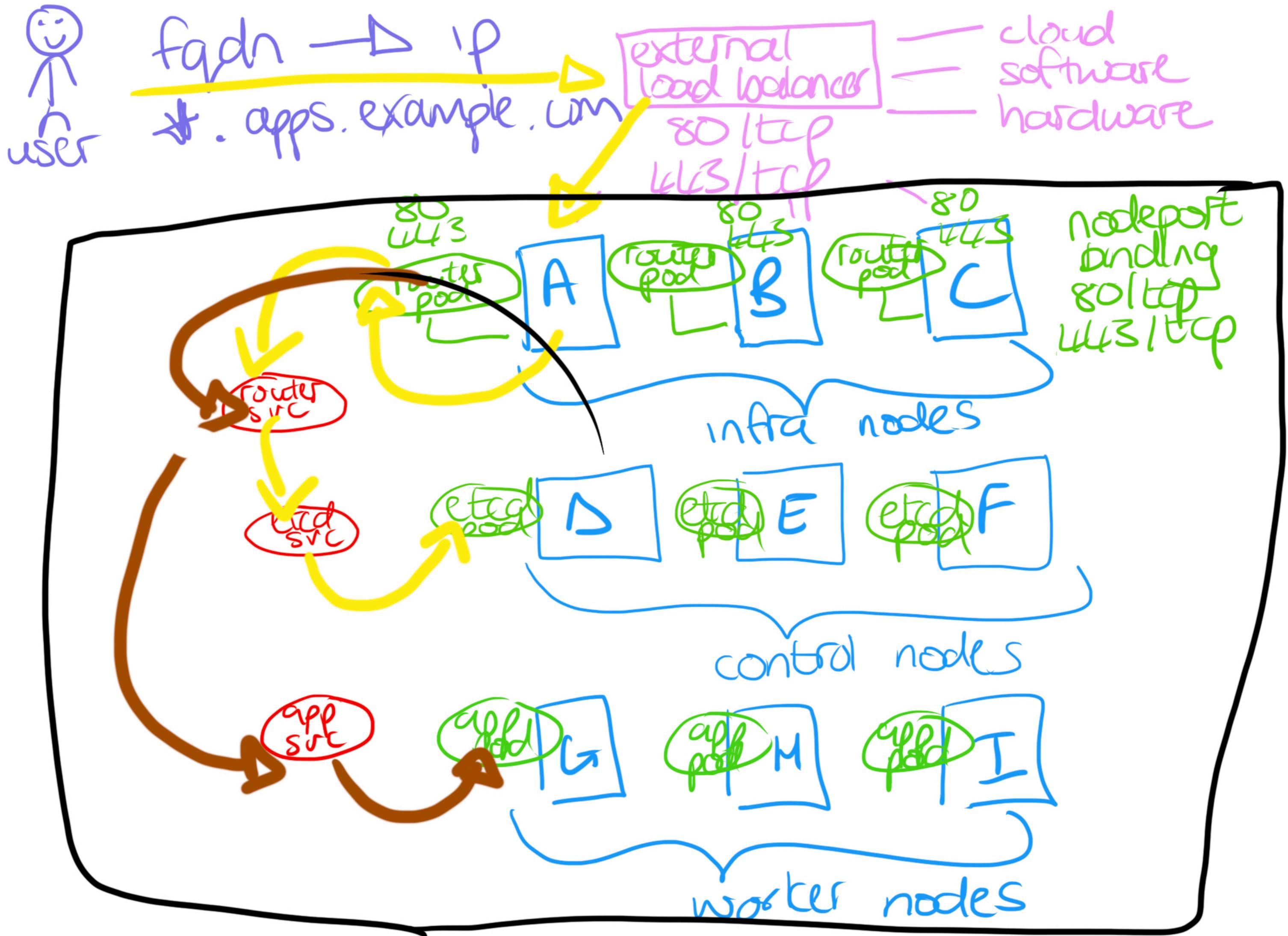
db.blue.svc.cluster.local

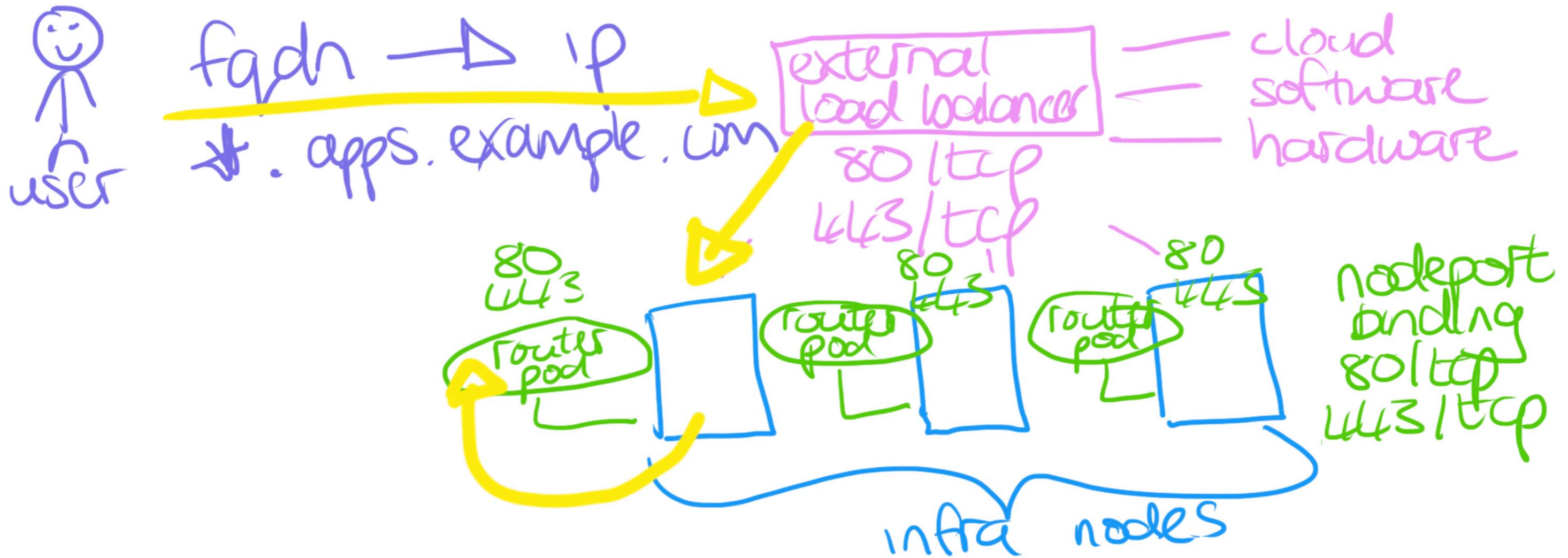


route: service name : faddr

etcd





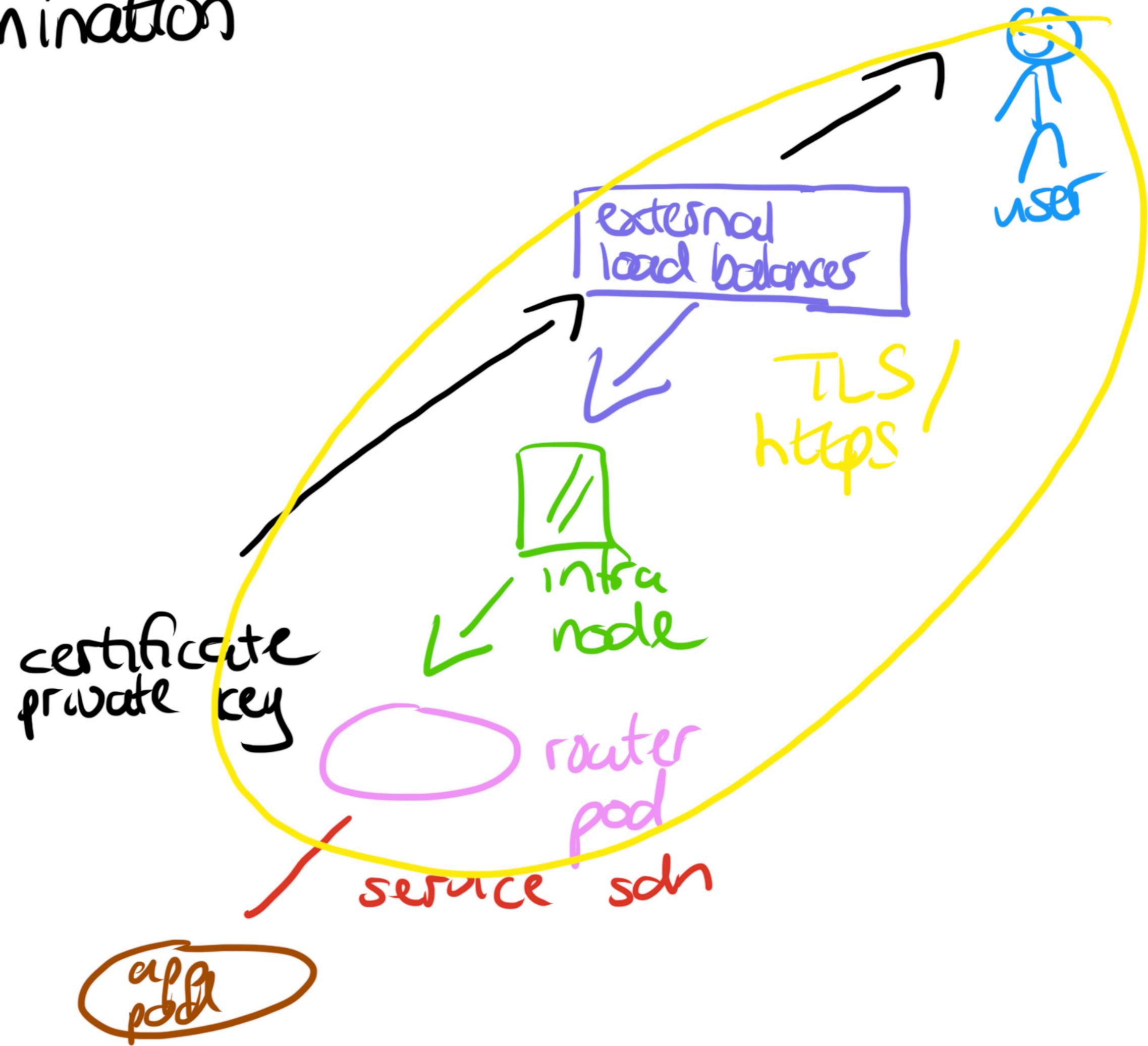


- 1) label your router pods (via dc/deploy)
- 2) node selector for router pods(via dc/deploy)
- 3) label your infra nodes
- 4) configure backend in external load balancer

OC expose

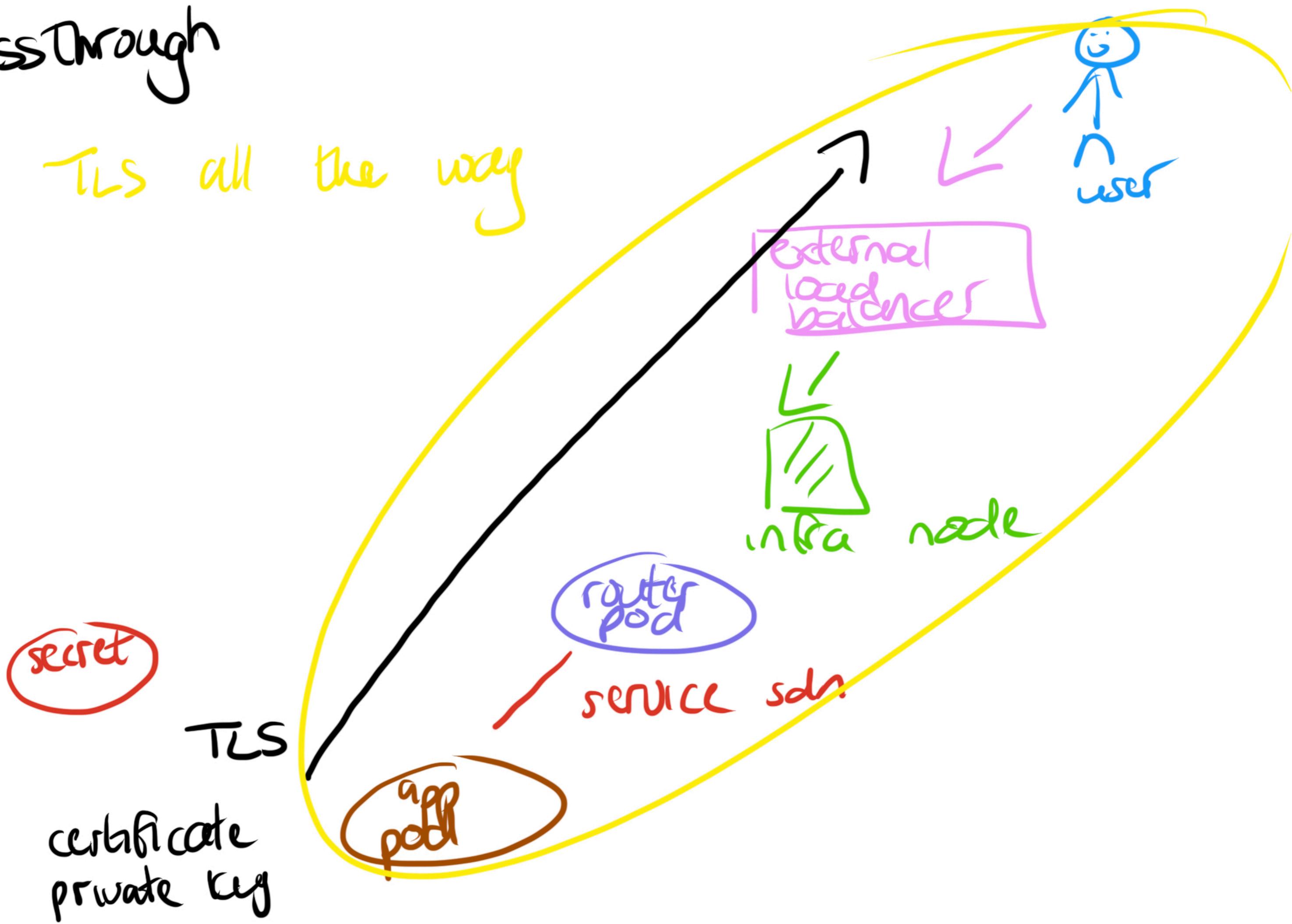
- 1) creates a route object in etcd
- 2) maps fqn : service

edge termination

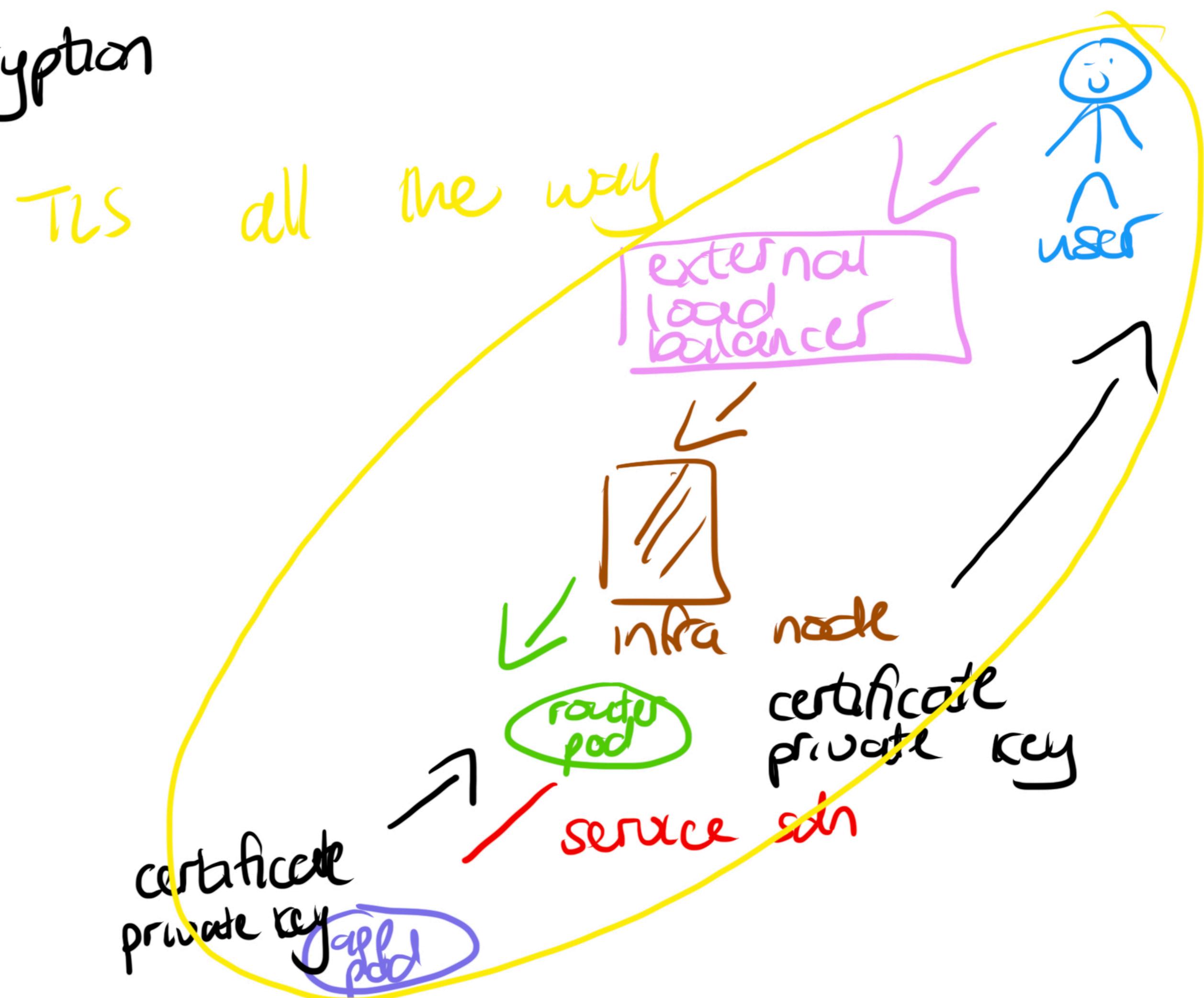


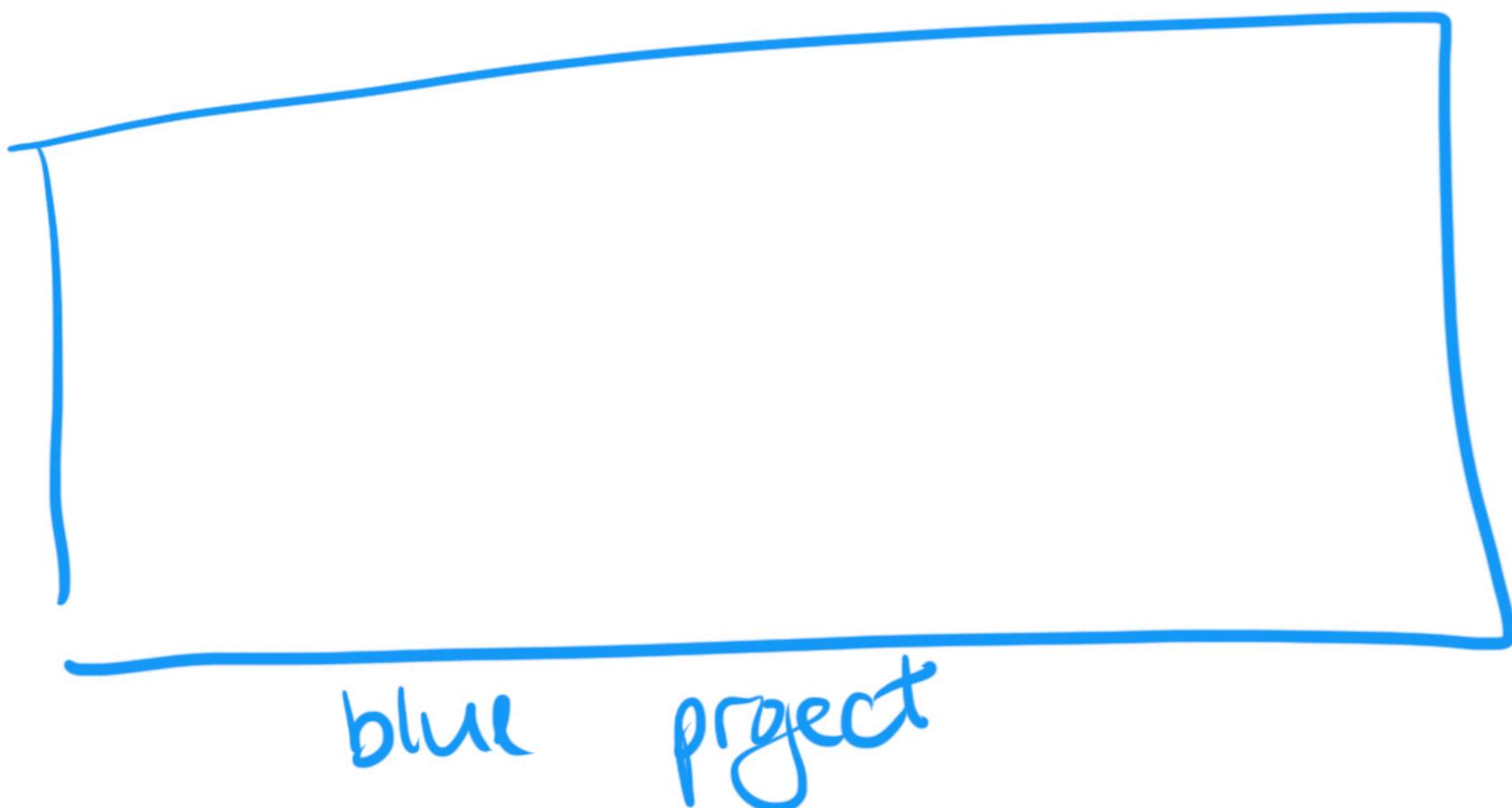
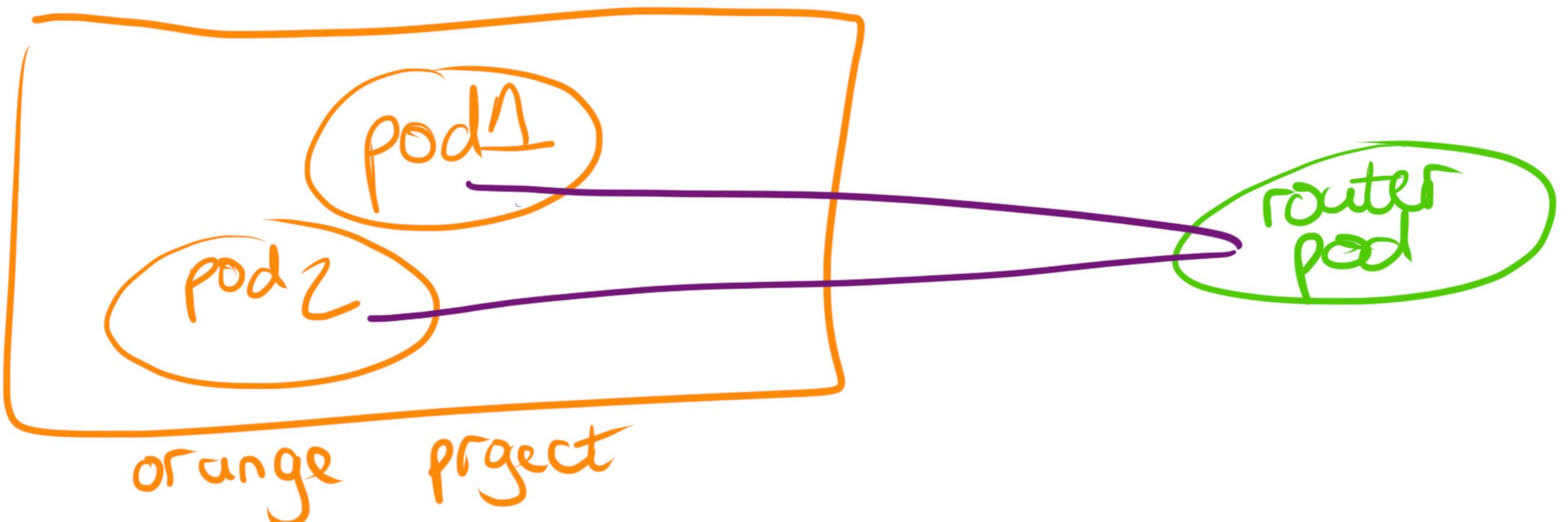
PassThrough

TLS all the way



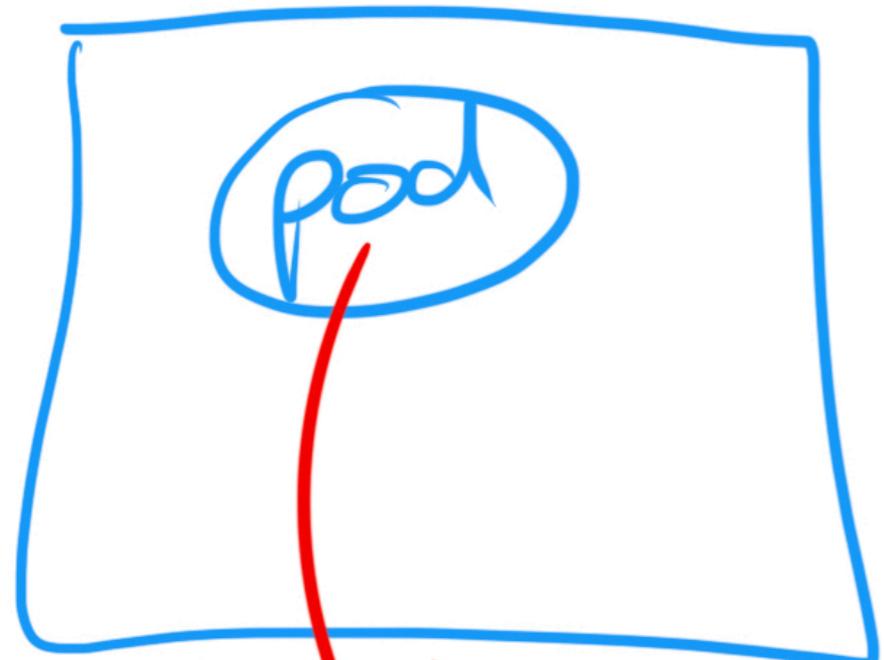
Re-encryption



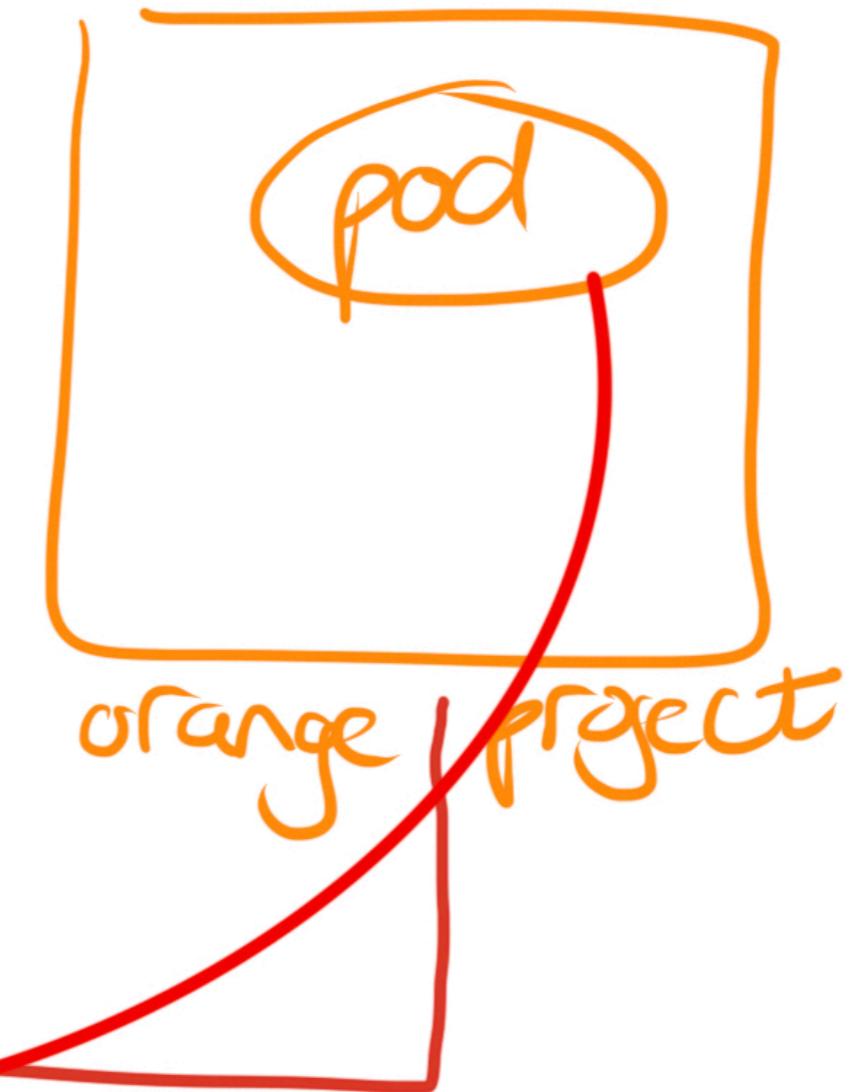


https://svc name



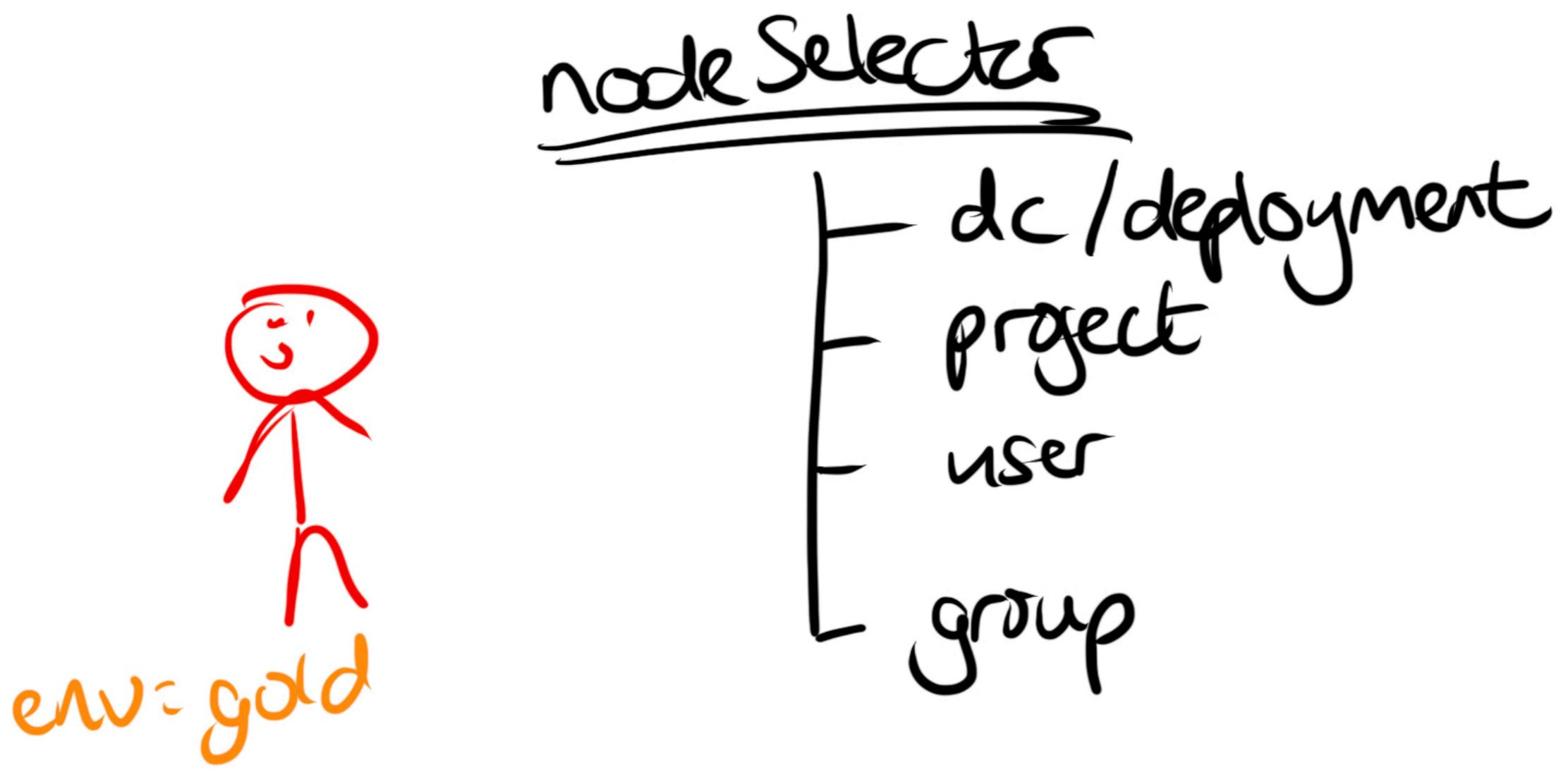
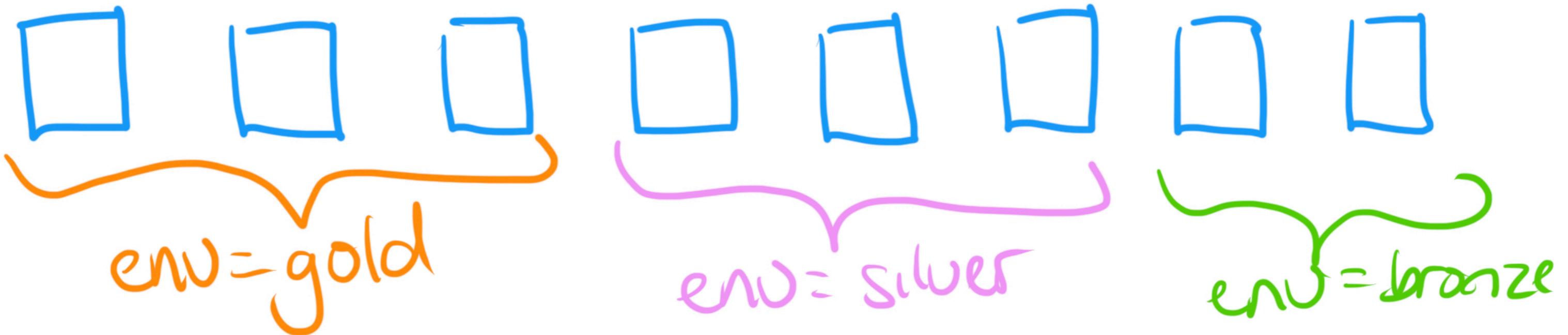


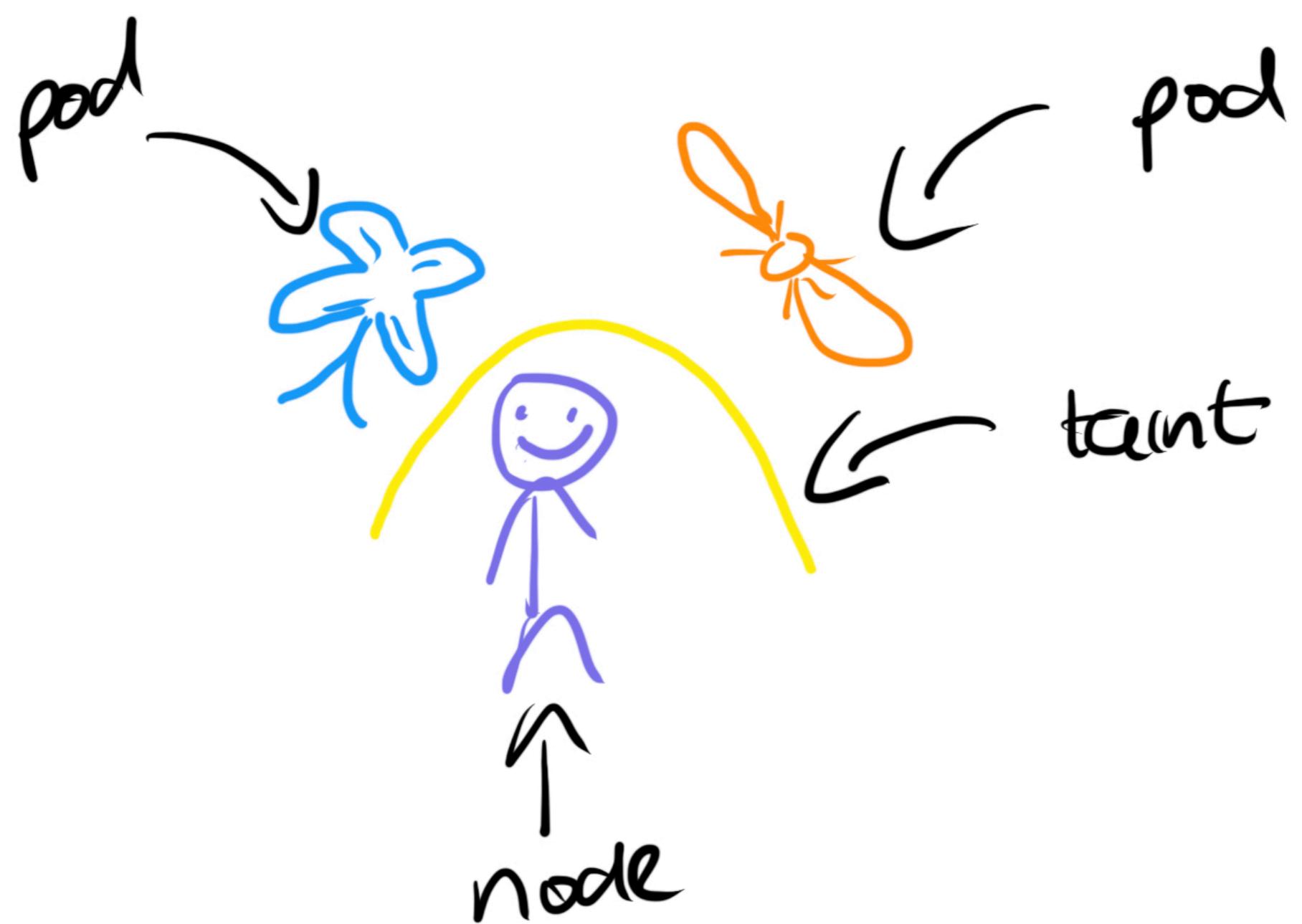
blue project

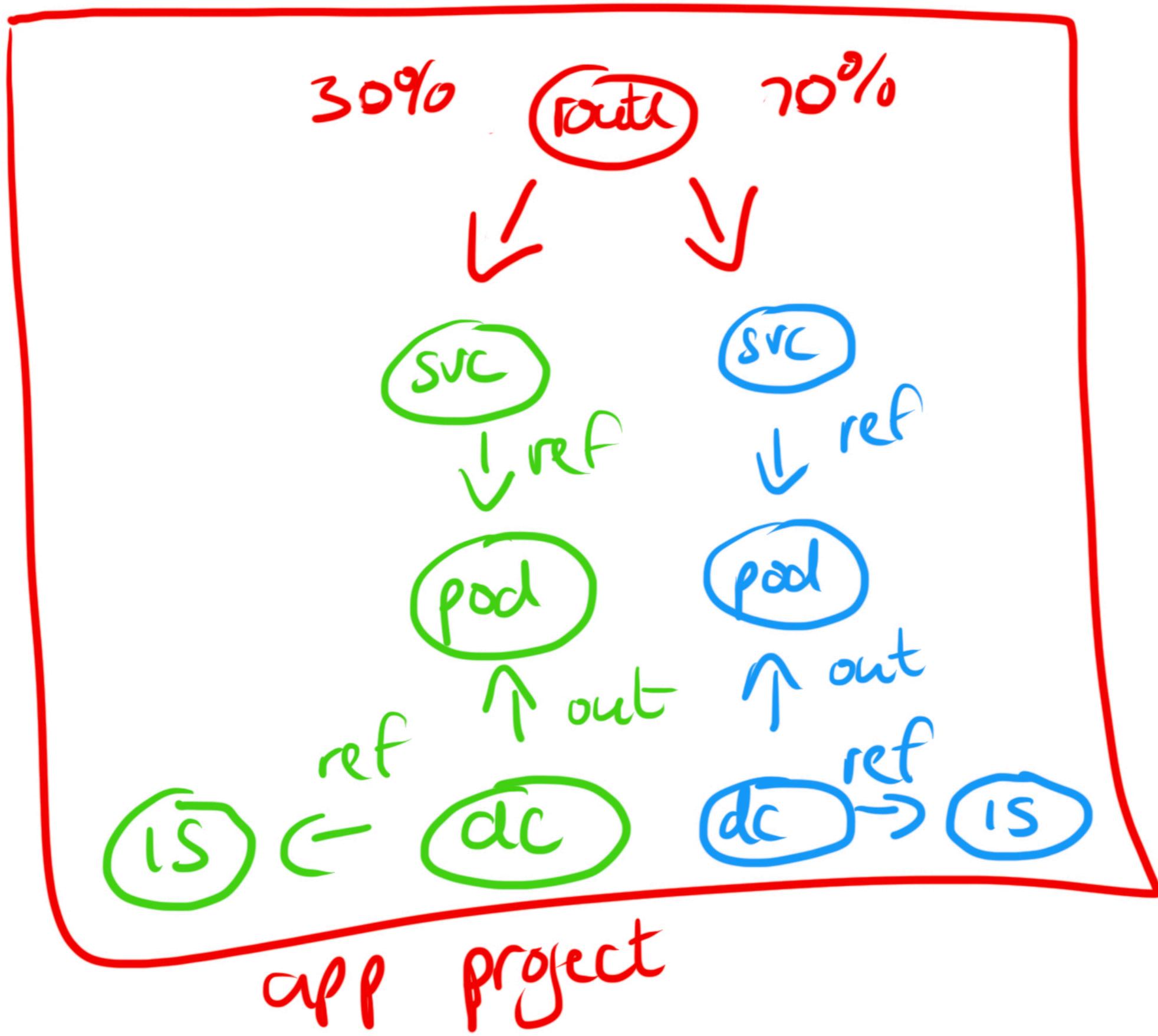


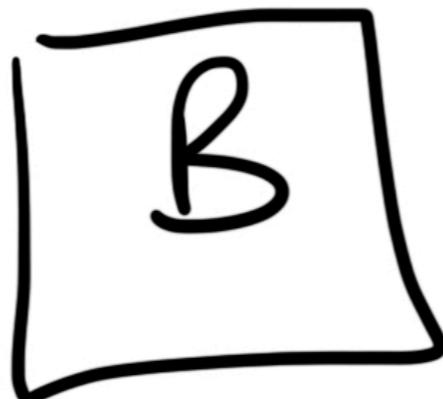
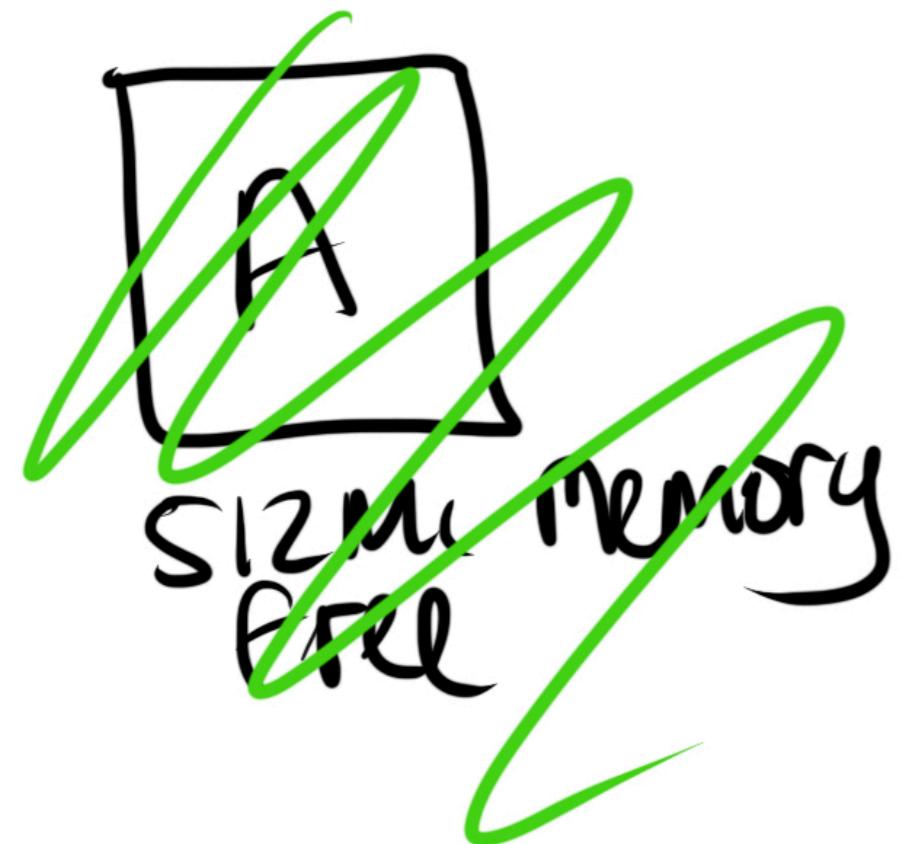
orange project

~~network policy~~









1.5Gi memory free



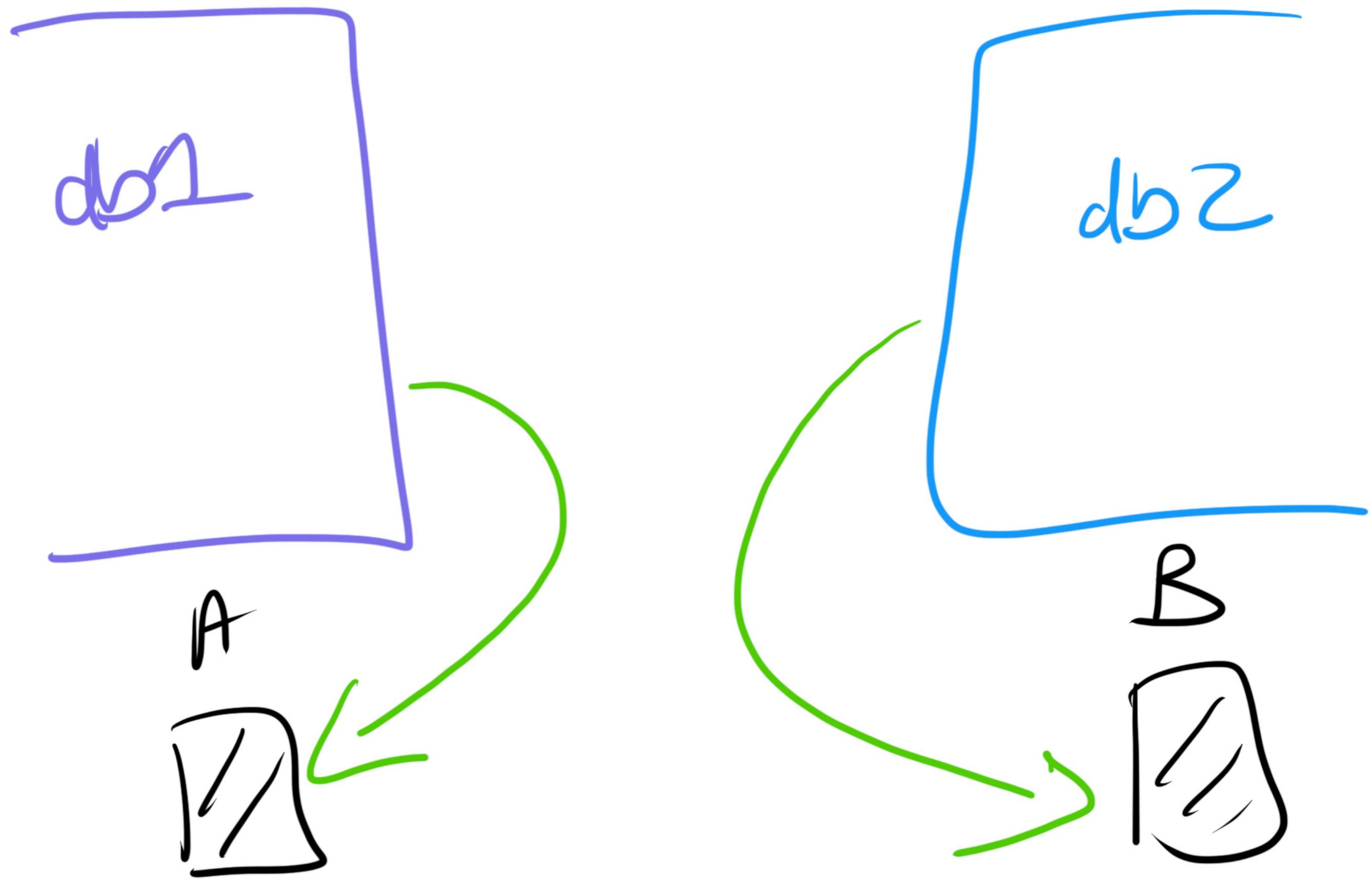
0.5 kcu CPU
768 Mi memory

↑
request

affinity
amb - affinity



anti-affinity



Request:

500m
768 Mi

(cpu)
(memory)

Limit:

1 kcu
1.5 Gi

(cpu)
(memory)

500m
768 Mi

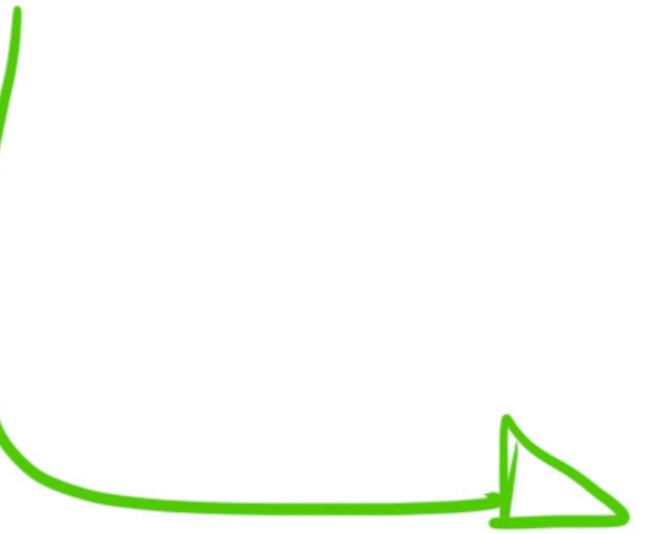




per project quota

default project quota
per user / group quota
quota based on label

self-provisioner



20Gi storage (quota)
10 kcu (quota)

LimitRange

min pvc 1Gi

max pvc 5Gi

max pvc count: 20

default cpu: 200m

default mem: 256 Mi

max cpu (pod): 2 kcu

max cpu (container): 1 kcu

min cpu (pod): 400m

spec:

replicas:

[hpa]

cpu: 80%

max: 15

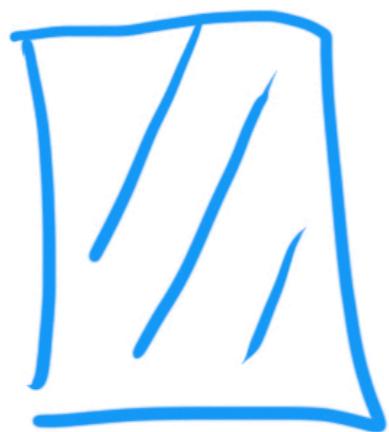
min: 5

status:

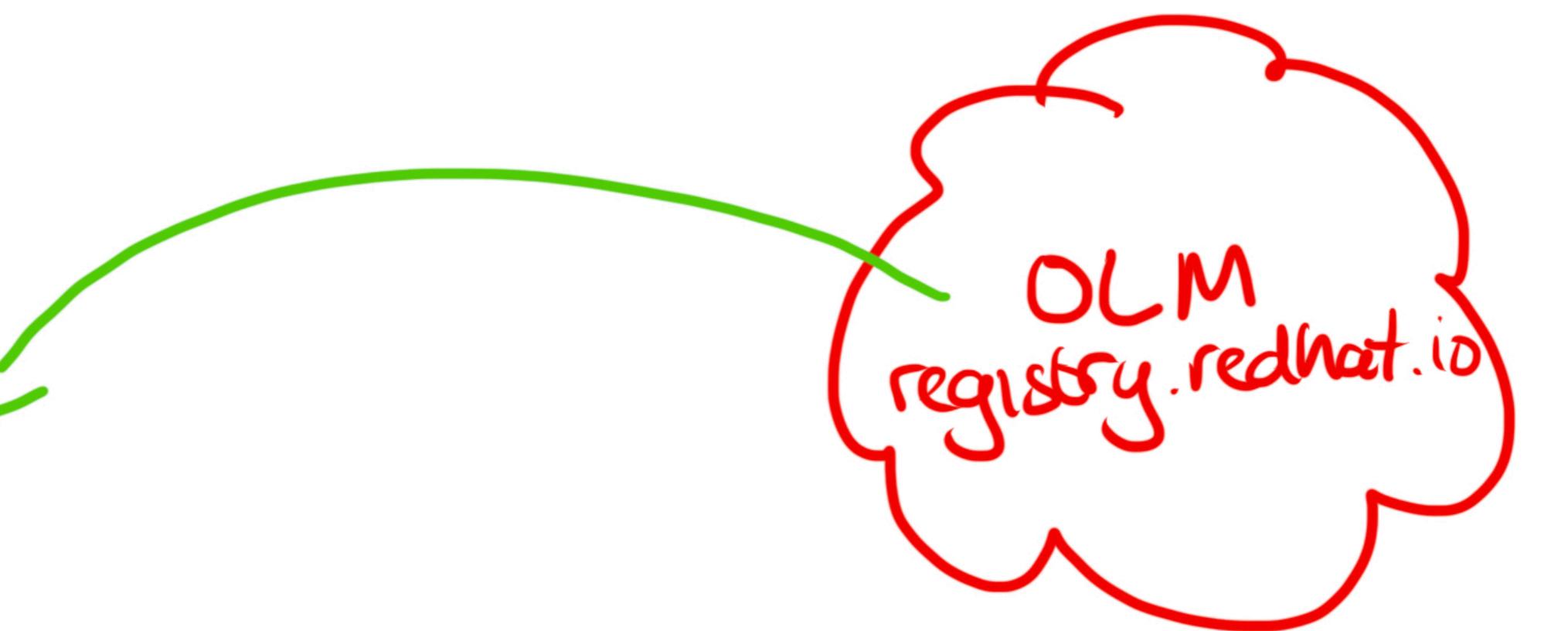
replicas:



CoreOS (RH COS)



catalogSource





coreOS

spec:

status:

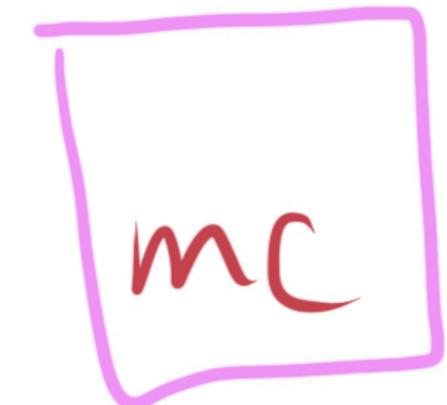
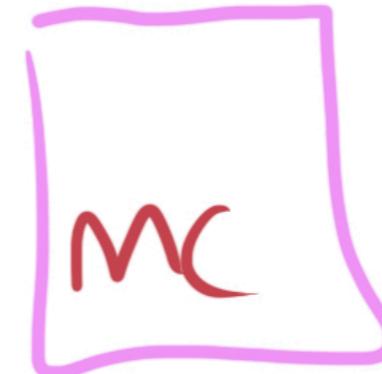
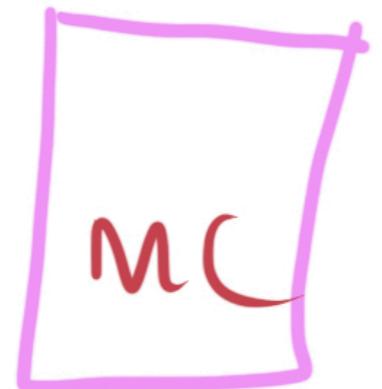
some operator
some operator

vers : z. Ø

vers! : z..Ø



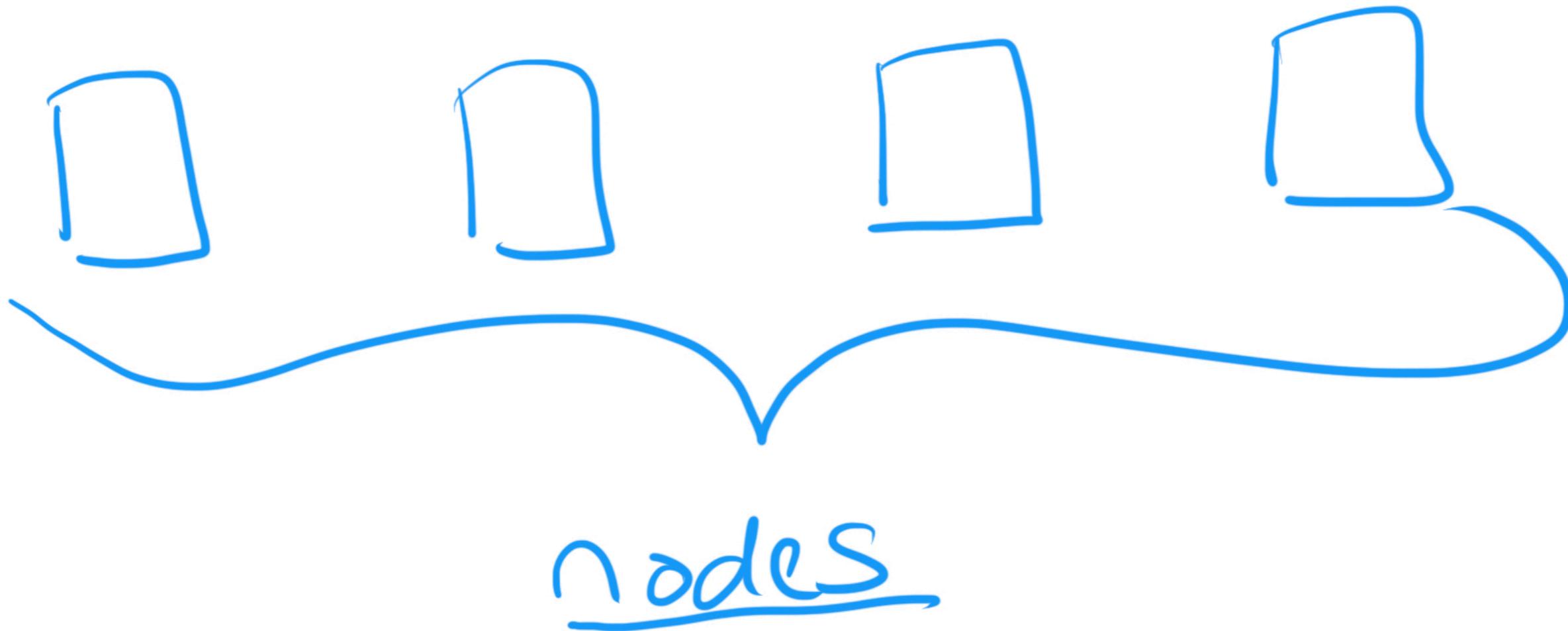
some operator
vers: z. Ø

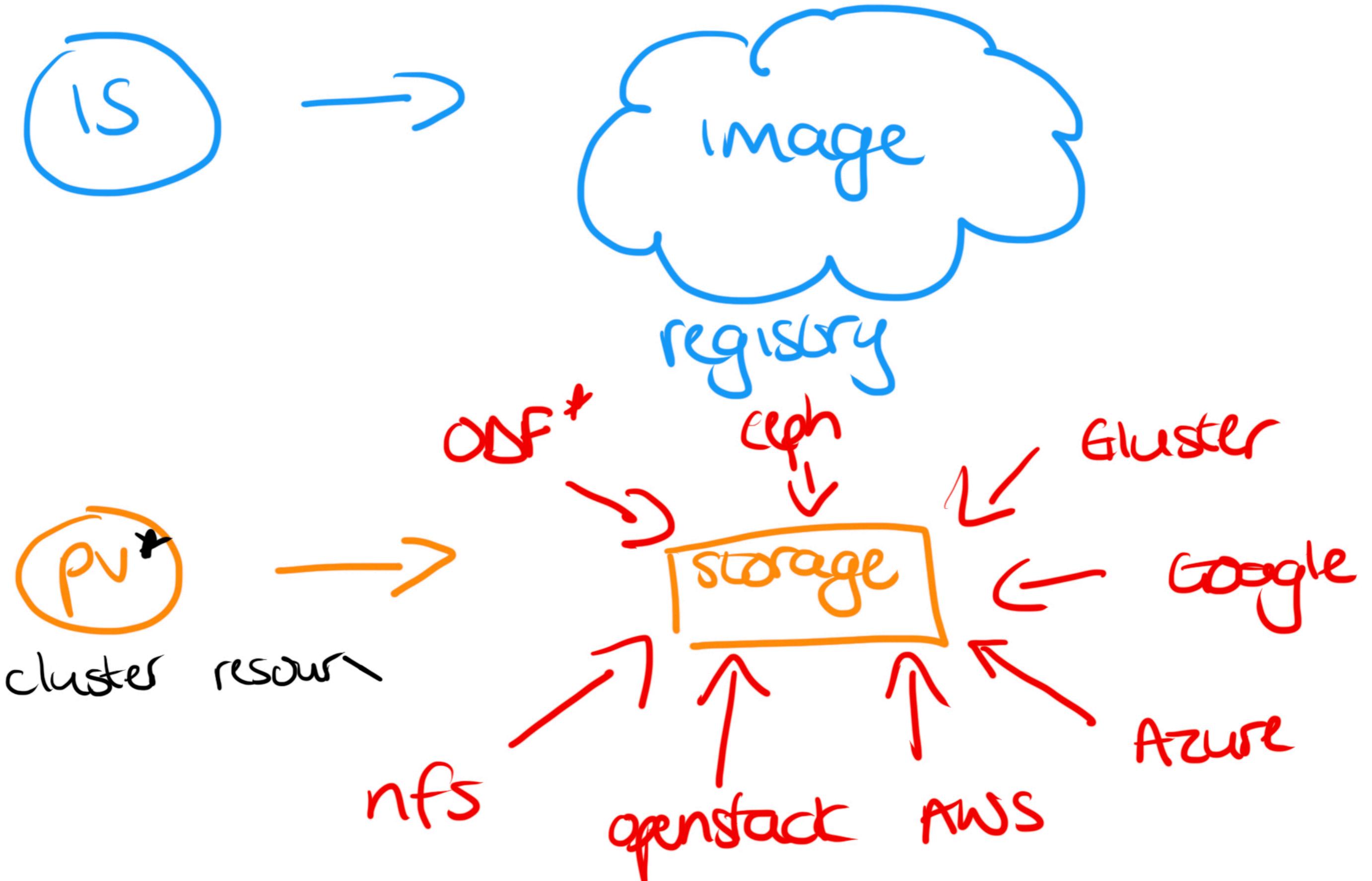


etc^d ↗ mc : ~/.ssh/authorized_keys
↳ mcp : colour = pink

deployment → pod(s)
machineset → machine(s)

london-compute-gold (cms)
x 4

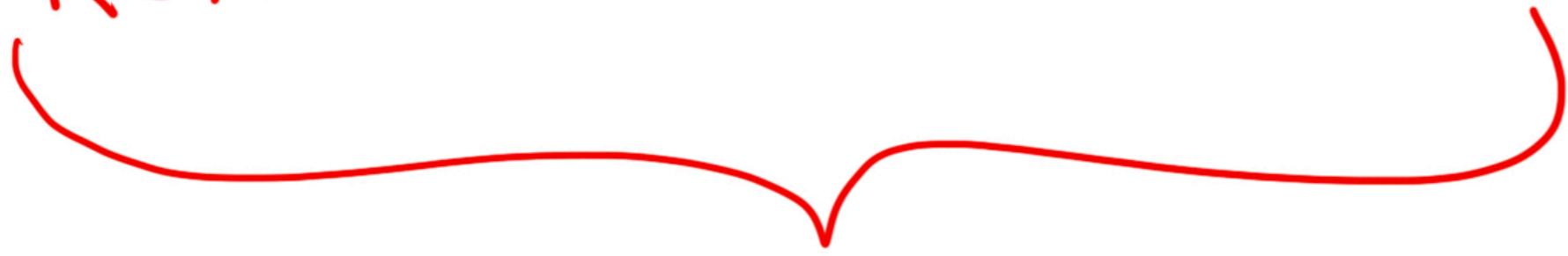




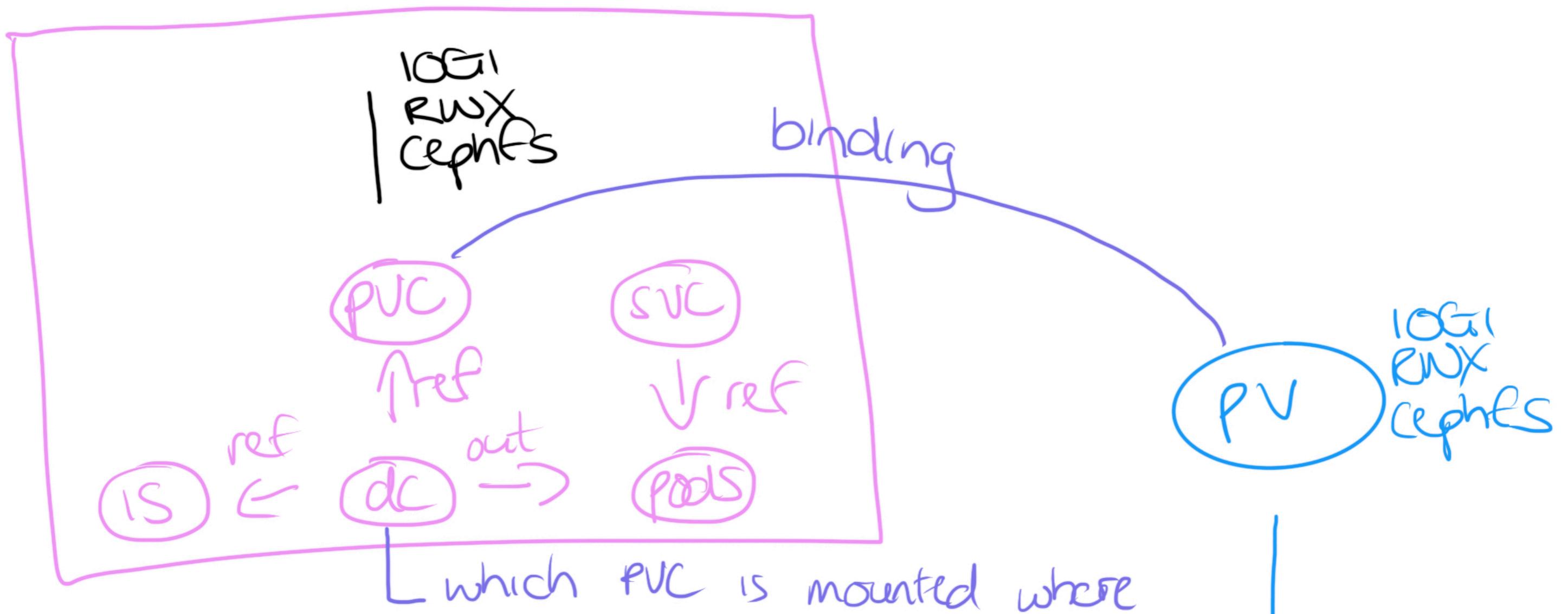
PVC → request for storage

[size
E accessmode
storageclass] *

ROX RWX RWO



AccessModes



openshift cluster

10Gi

cephfs
volume