AGENDA DAY-2

Docker on EC2 ✓   mysol

ECR → DockerHub

ECS → Docker Runtime Env → Ec2+Docker

EKS → Run from K8S Cluster

Github

Pipeline Jenkins
or
Github Action
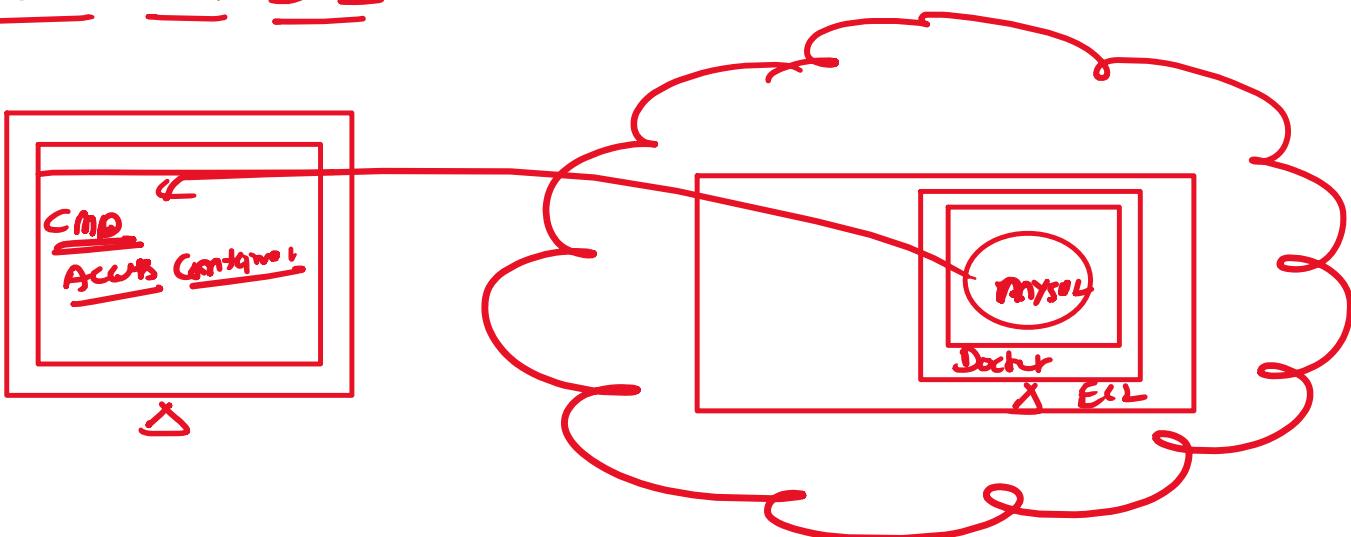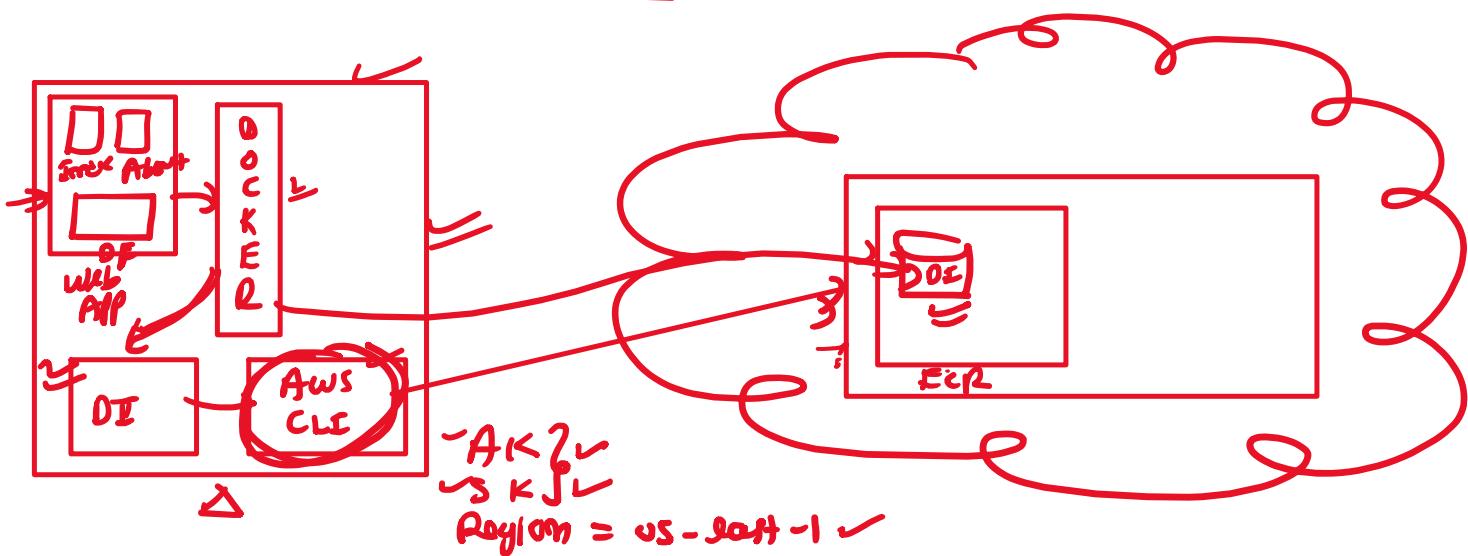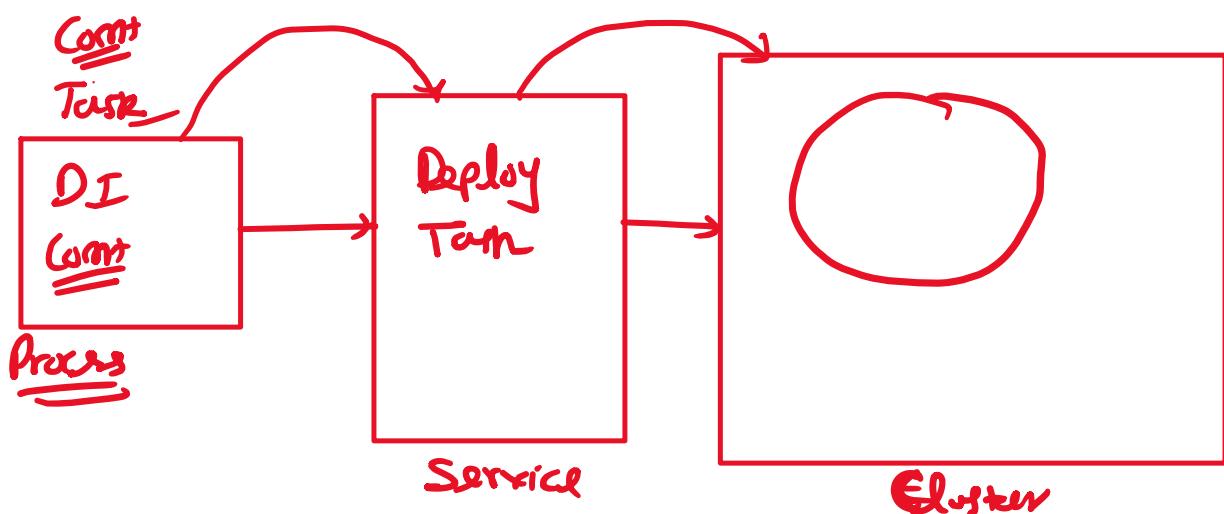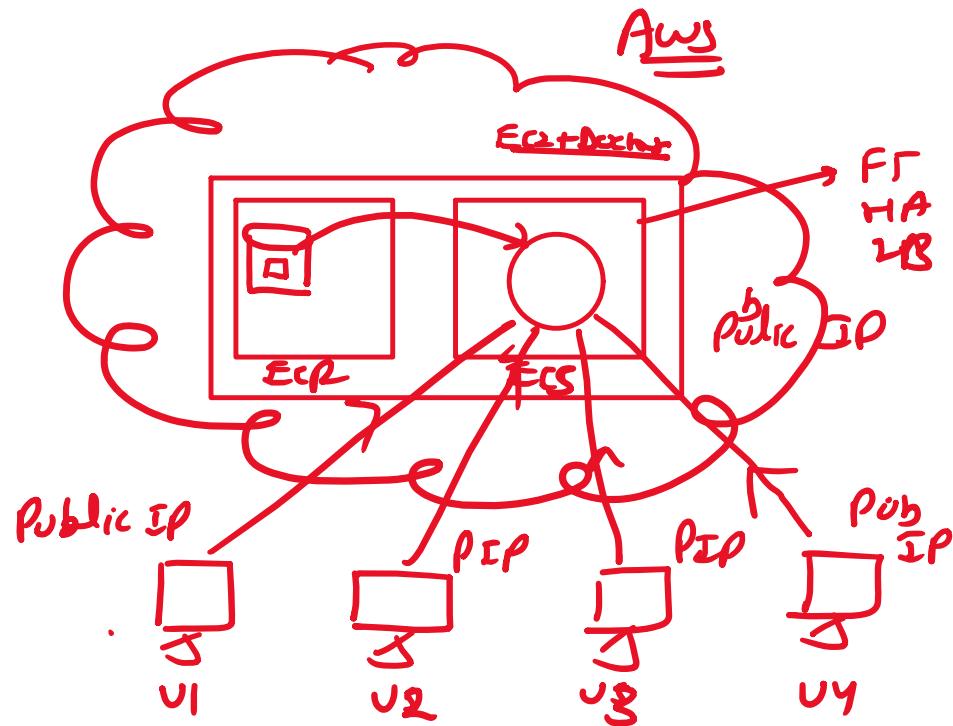
Docker on EC2
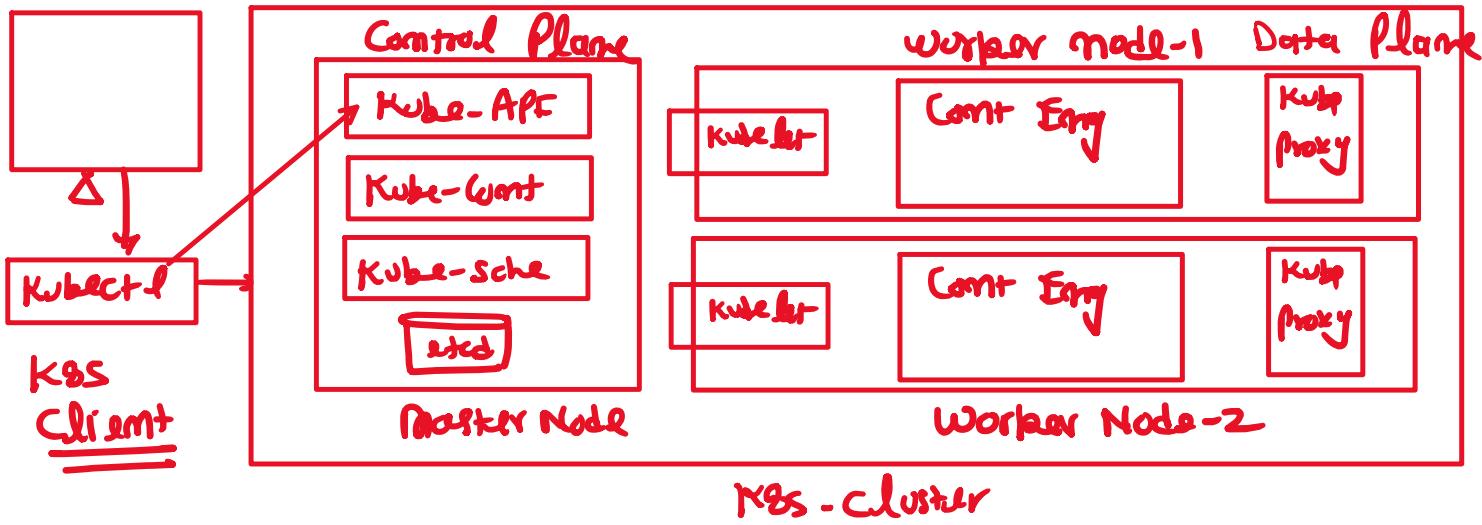
ECR (Elastic Container Registry)


~AK? ✓
~SK ✓
Region = us-east-1 ✓

△

S K J

Raylon = US-soft-1

FF = JSON

AWS

Ec2+Docker

ECR

ECS

FT
HA
LB

Public IP

Public IP

PIP

PIP

Pub
IP

U1

U2

U3

U4

Const
Task

DI
Const

Process

Deploy
Task
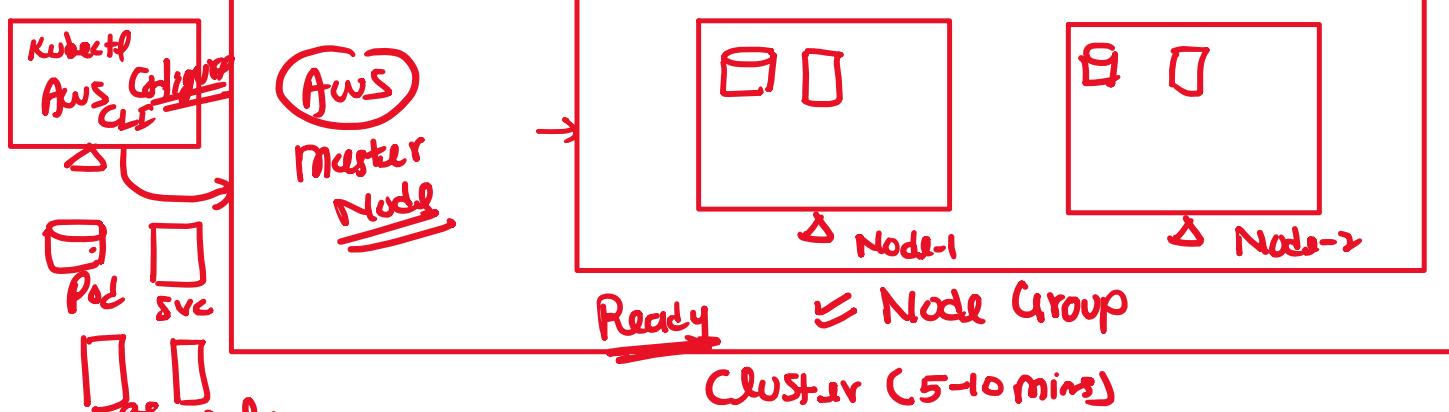
Service

Cluster

EKS (Elastic Kubernetes Services)

Control Plane — Worker node-1 — Data Plane

Kube-APE
Kube-Cont
Kube-Sche
etcd

Master Node

Kubelet | Cont Eng | Kube Proxy

Kubelet | Cont Eng | Kube Proxy

Worker Node-2

Kubectl

K8S Client

K8s - Cluster

EKS

Step1

Kubectl
AWS Cli

AWS
Master
Node

Pod svc

rs Deploy

Node-1   Node-2

Ready   = Node Group

Cluster (5-10 mins)
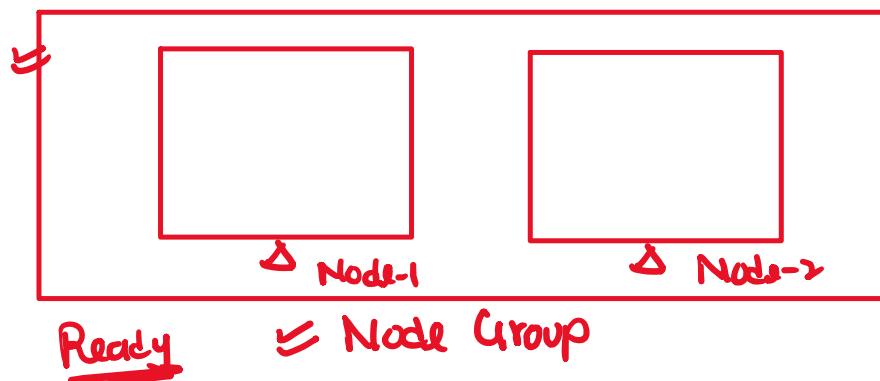
Step-2

Step-3

Connect
cluster
with
Slave VMs

Node-1   Node-2

Ready   = Node Group