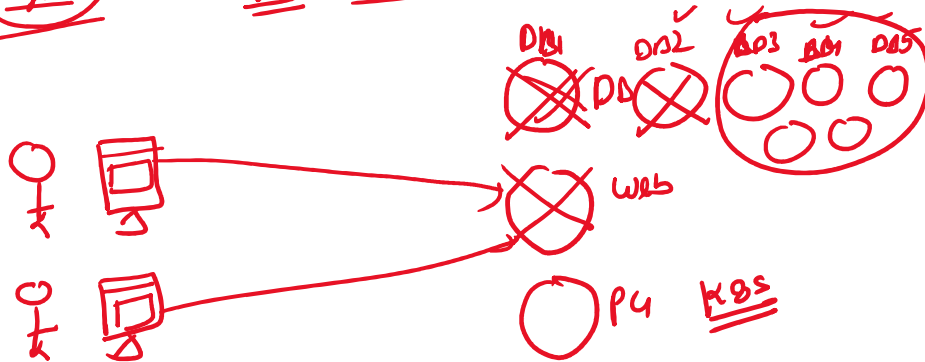
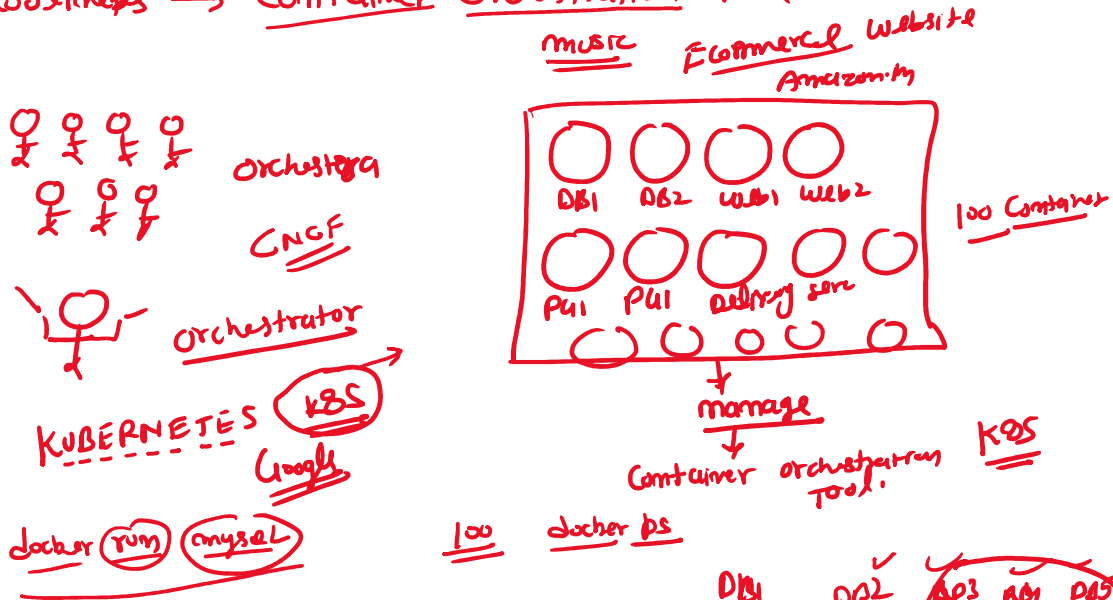
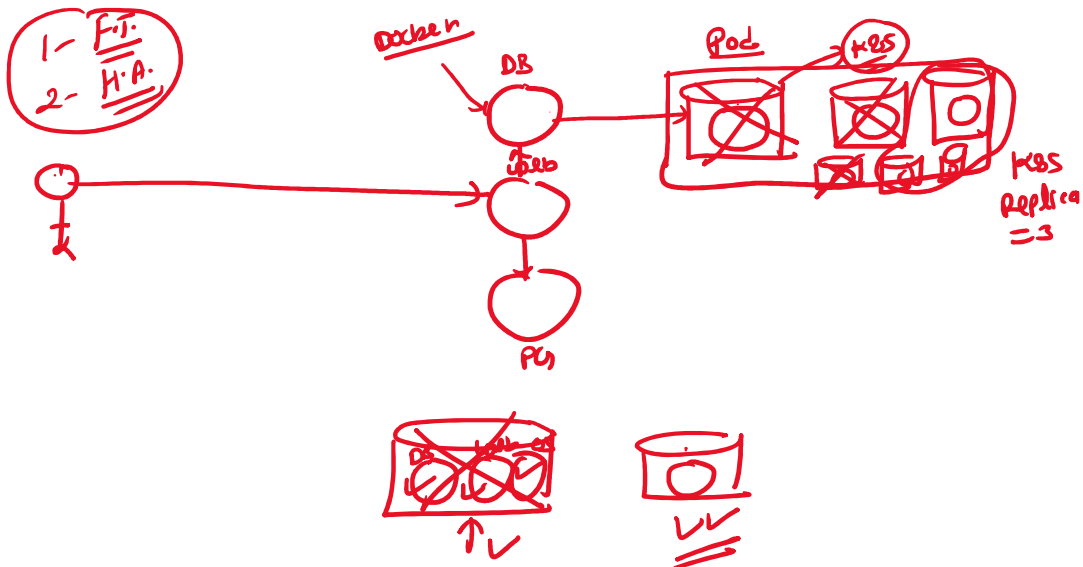


# Kubernetes (K8S)

Kubernetes → Container Orchestration tool



1. High Availability ✓
2. Fault Tolerance ✓
3. Load Balancing ✓



to 256 GB RAM

10 pods }  
1000 pods }

10.0.0.2:8080  
web not found

10.0.0.11:30002

A hand-drawn diagram illustrating the relationship between three Kubernetes components. It consists of three overlapping boxes arranged in a descending staircase pattern from top-left to bottom-right. The top box is labeled 'Pod services', the middle box is labeled 'replicaset', and the bottom box is labeled 'Deployment'.

Service Num. valabile

replica = 3

გაბ

Label

10.0.0.2

10.0.0.11 : 3002

## Deployment

roll back

web-app

DI

## Apache web server

## Apache

httpd

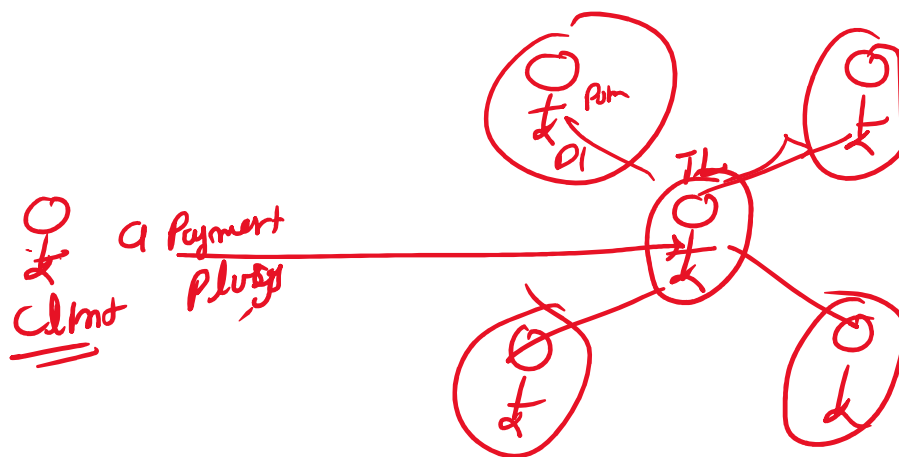
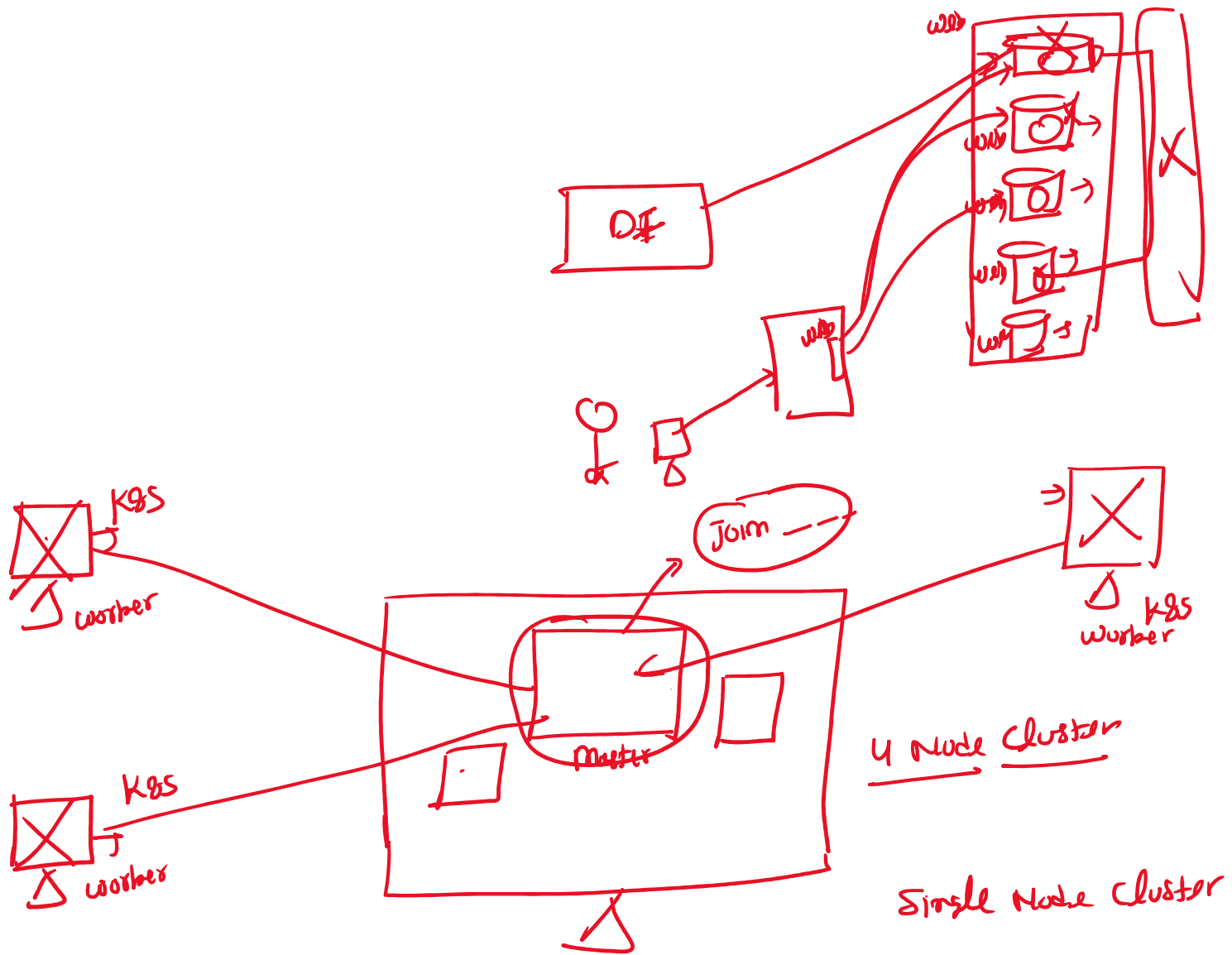
Zero Down

10 Pods Aachen

5 p.

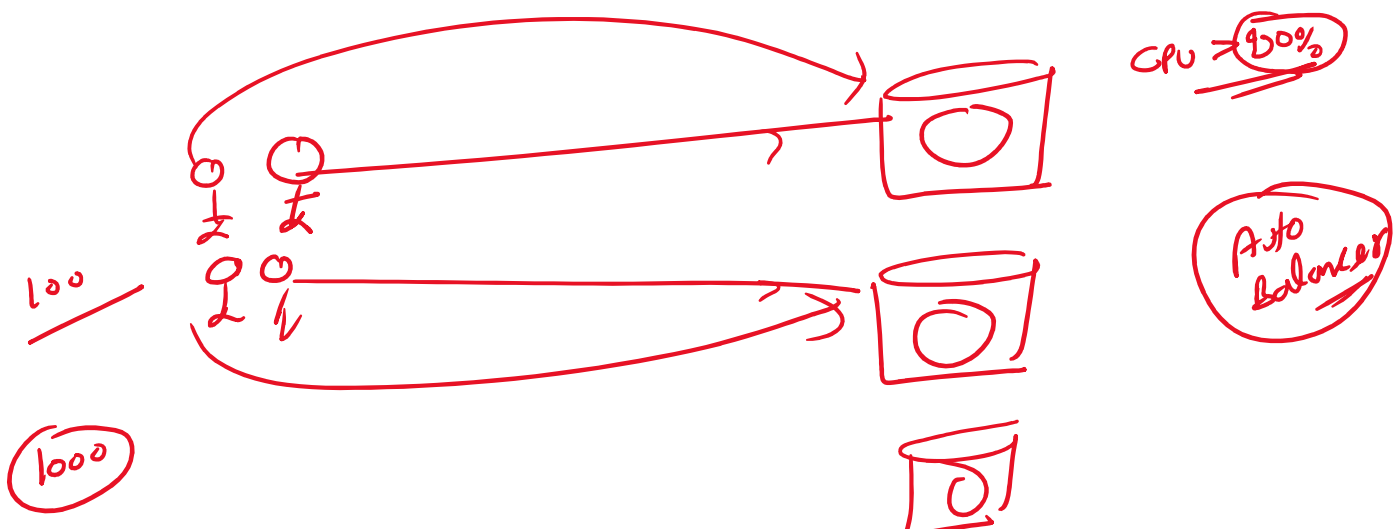
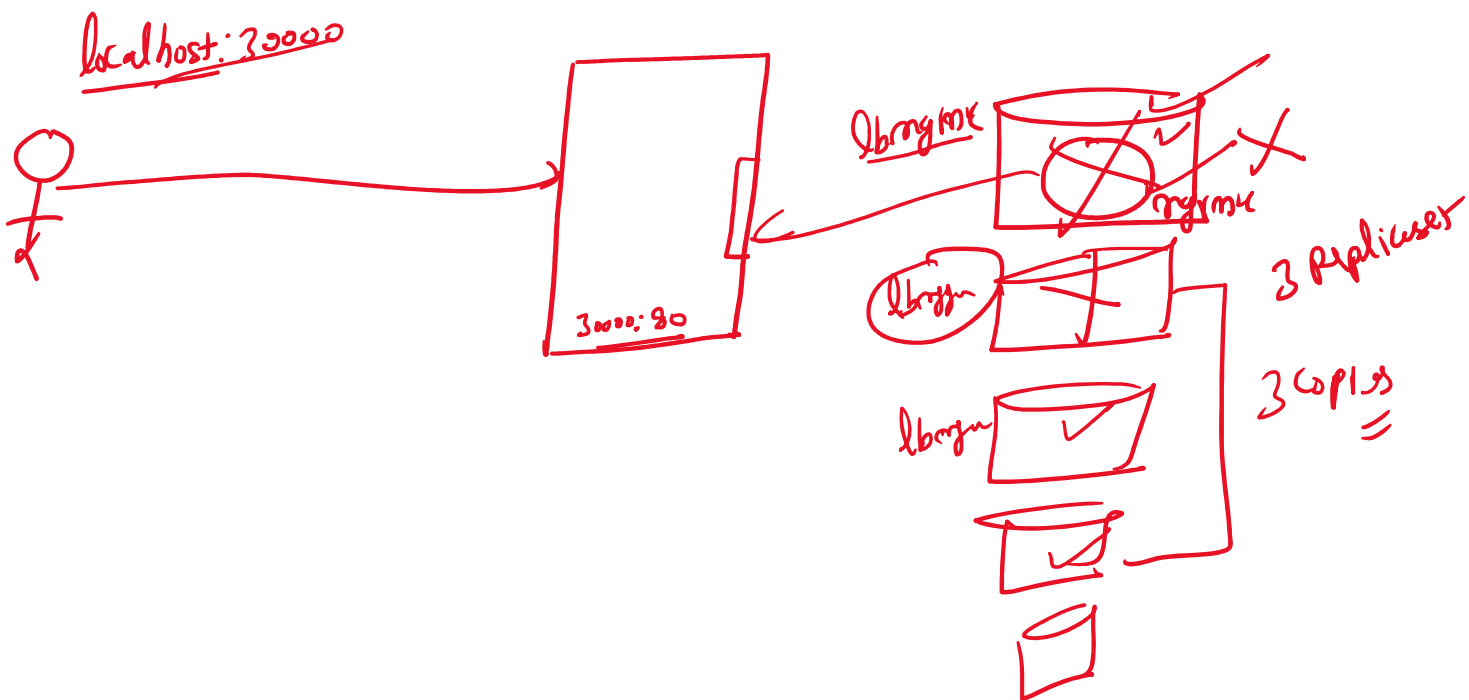
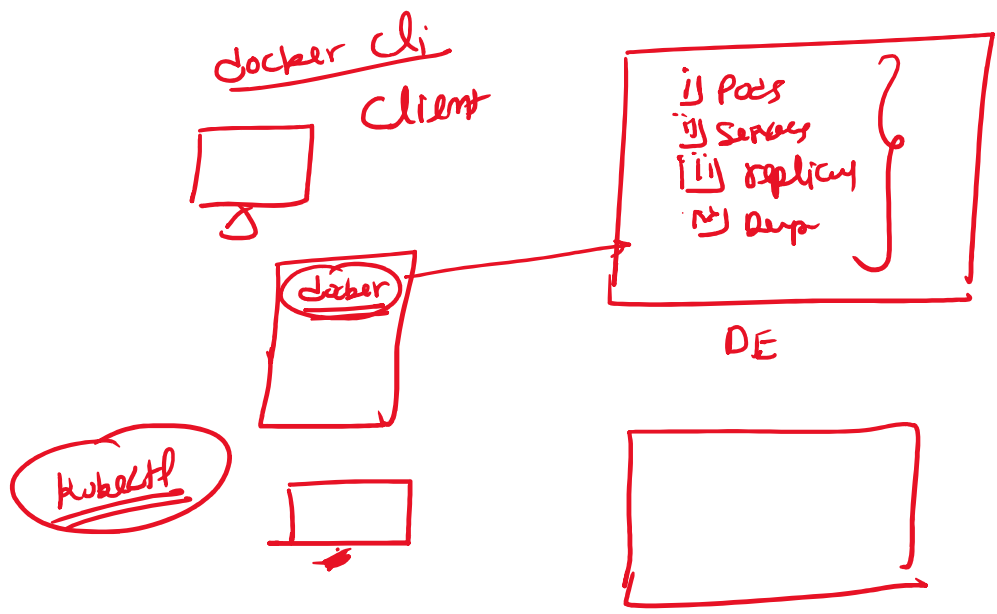
replicaset = 5

## SESSION 2



Docker cli

is there ?



(1000)

[0]

