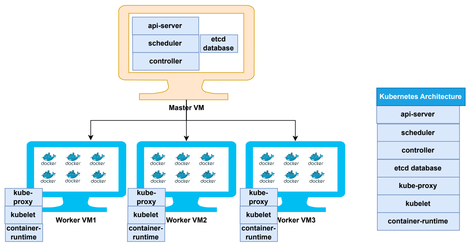
DOCKER INTERVIEW QUESTIONS

- ARG And ENV
- ADD VS COPY
- CMD VS ENTRYPOINT
- TRIVY
- DOCKERFILE BEST PRACTICES

Google Borg - 2015 → Kubernetes

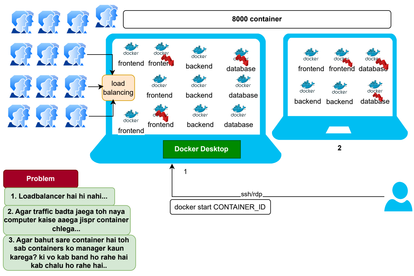
Problems when using only docker

- Bahut Sare container ko manage kaun karega?
- Autoscaling Kaise hoga?
- LoadBalancing Kaise hoga?
- Node Mar gaya toh?
- Node restart ho gaya toh?



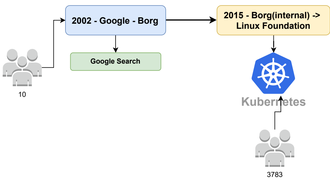
Kubernetes Architecture

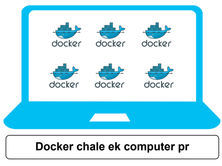
- api-server
- scheduler
- controller
- etcd database
- kube-proxy
- kubelet
- container-runtime



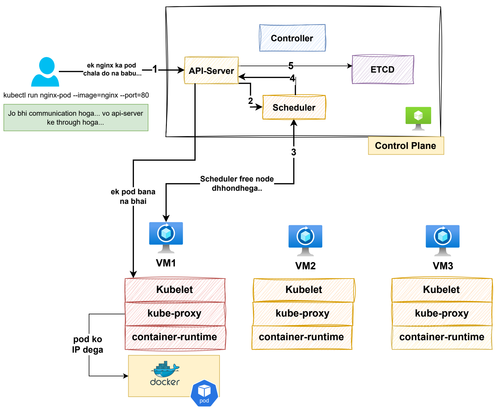
Problem

1. Loadbalancer hai hi nahi...
2. Agar traffic badta jaega toh naya computer kaise aaega jispr container chlega...
3. Agar bahut sare container hai toh sab containers ko manager kaun karega? ki vo kab band ho rahe hai kab chalu ho rahe hai..



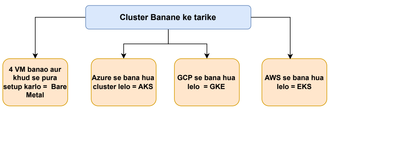
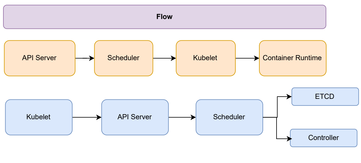


Kubernetes Chale cluster pe



How to create a VM in Azure?
How to create a Container in Docker?
How to run a Pod in a Kubernes Cluster?

Requirement = How to run a nginx on Kubernetes?

Pre-Requisites

1. Create a K8s Cluster using any one way.
2. kubectl CLI daina pdega