

## Day -7 (Docker)

- Docker Desktop (Windows)
  - Docker (Linux) → macOS

## Week 1 (Day-1 & Day-2)

Linux

## Web-2 (Day-3 to Day-4)

AWS

## Week-3 (Day-5 & Day-6)

Git & GitHub

## Week-4 (Day-7 & Day-8)

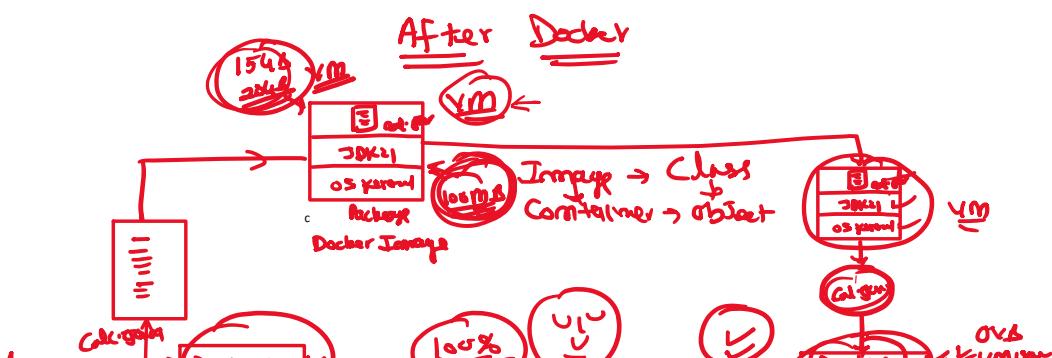
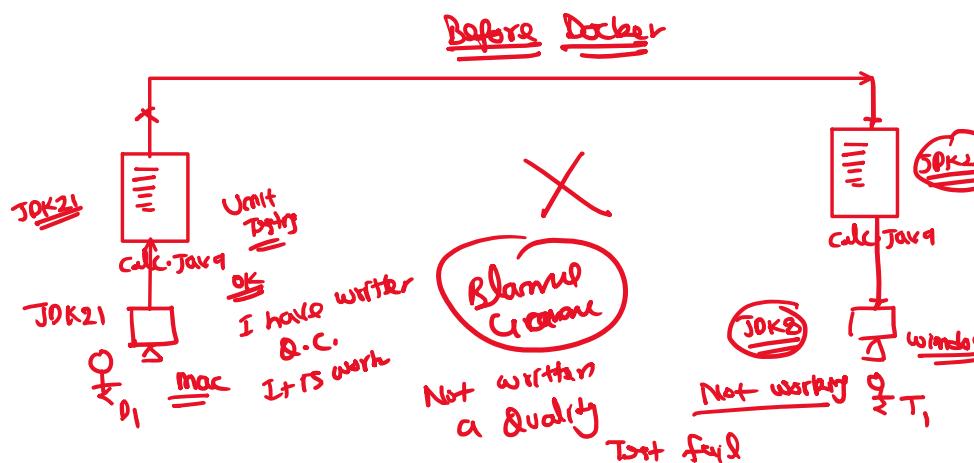
Dochter

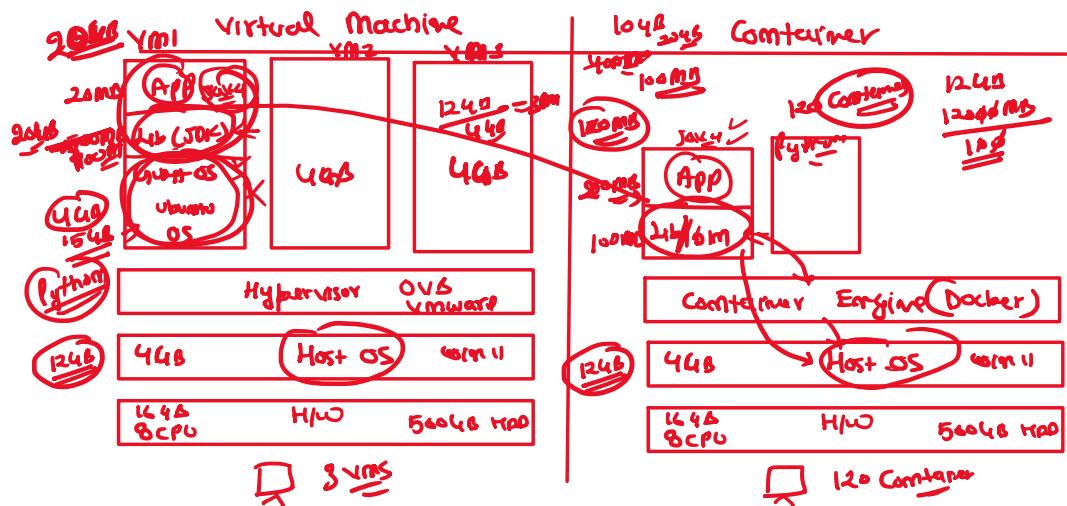
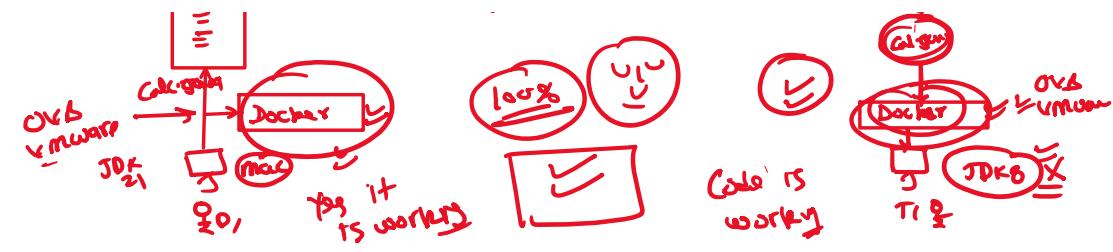
## AGENDA (DAY-7)

1. Installation of docker in Windows and Linux
  2. Use case of Docker
  3. Container and VM
  4. Fundamental commands for Docker
  5. Docker Lifecycle

## ① Docker Desktop for Windows

- Linux < WSL (Windows Subsystem for Linux)

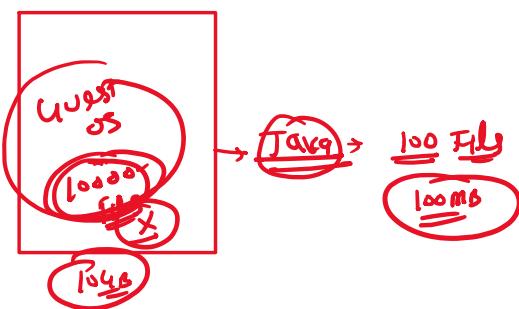




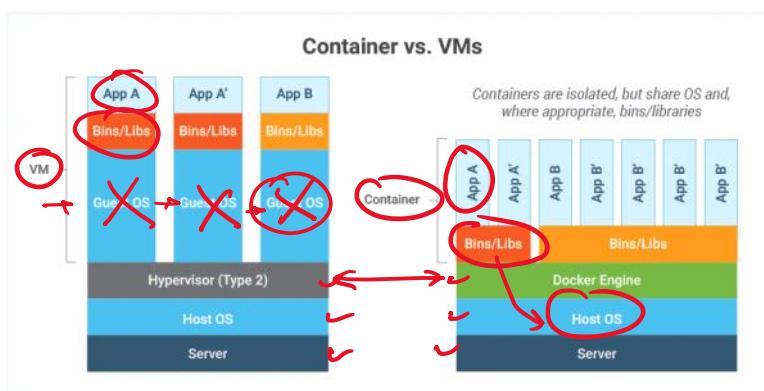
< 50 MB

- Not enough to → Engage to swap
- 2-5 mins start → < 1 sec
- 2-5 mins stop

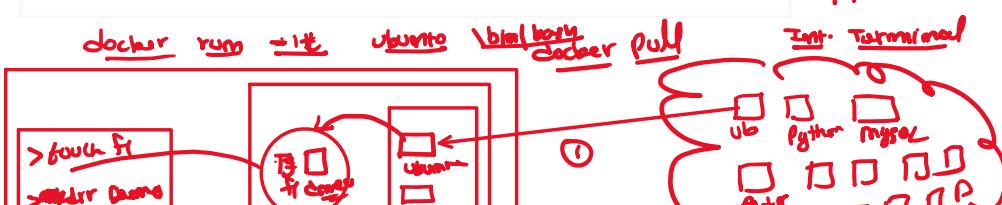
Overhead of VMs 3xM → 1x+ can be used parallelly

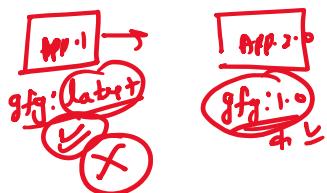
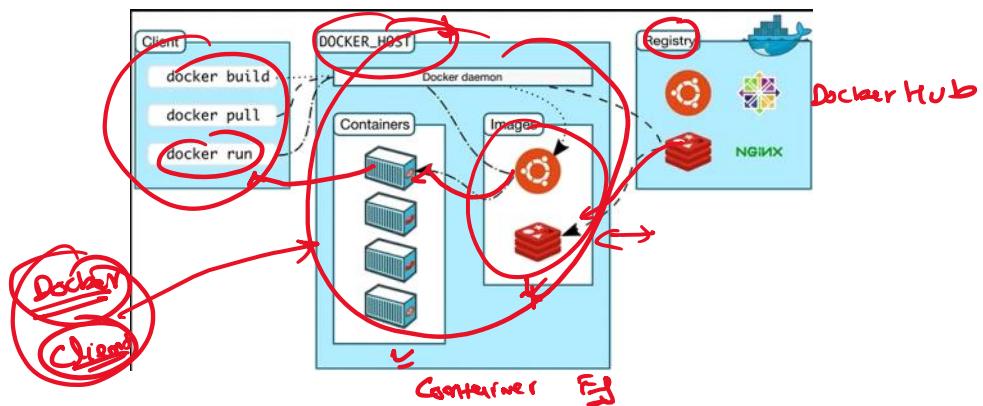
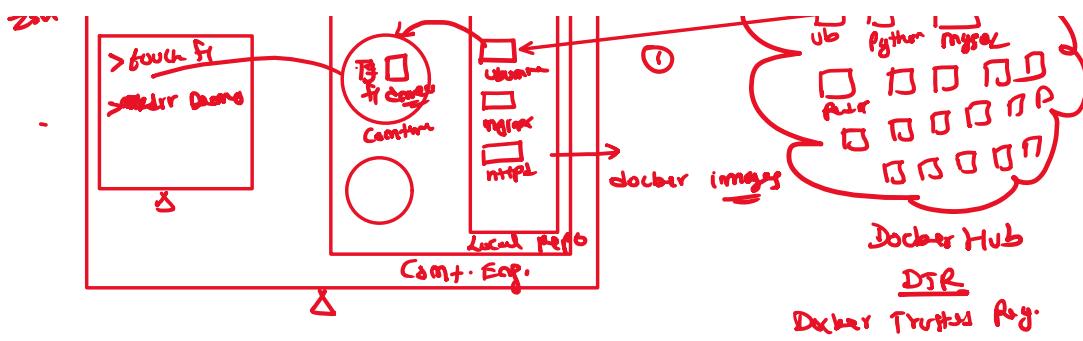


→ VM → Monolithic  
→ Container → Microservices



Shell  
bash  
root  
sh  
zsh





- ① Build Docker Image
- ② Push " " on DH
- ③ Docker volume
- ④ " Network
- ⑤ Web based Container (Port mapping)