

7 September – Docker

1) Talk and study on

i) Backup

ii) DR

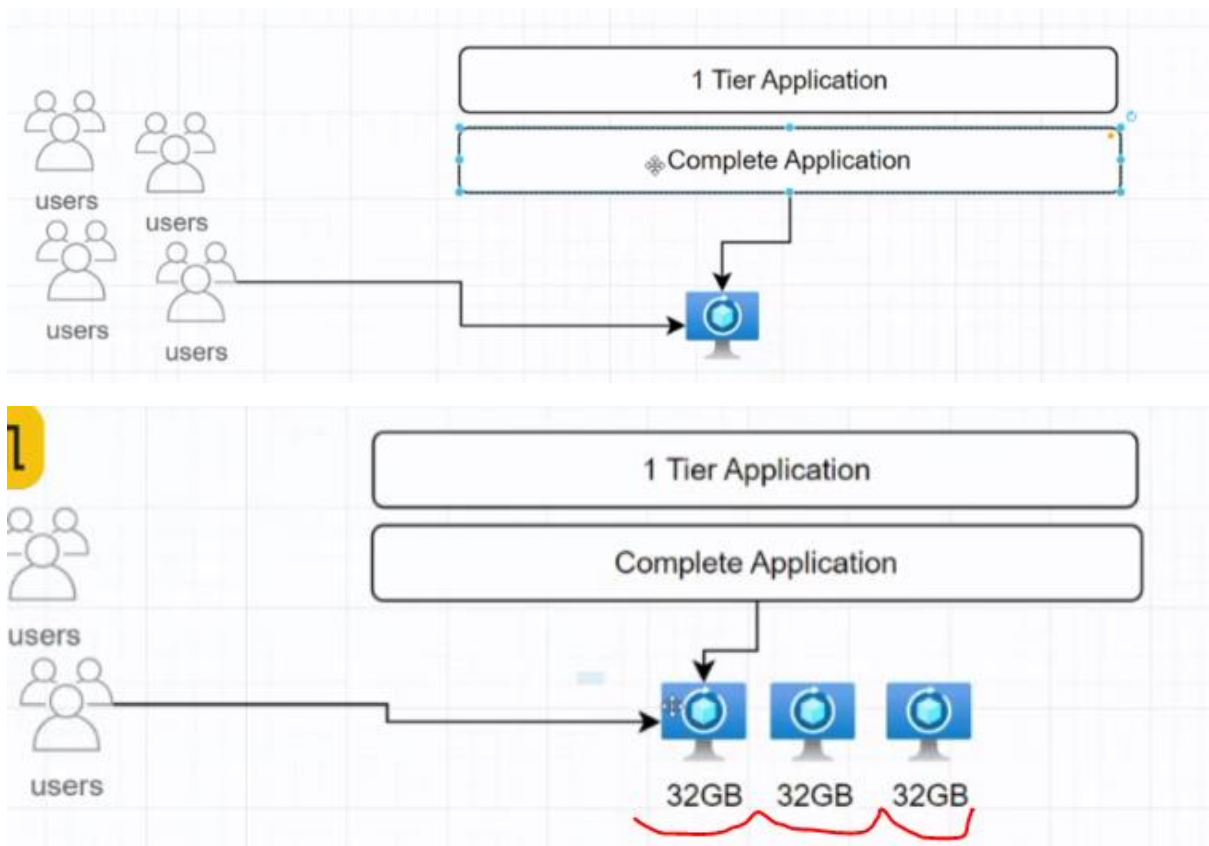
iii) Monitoring

iv) Cost optimization

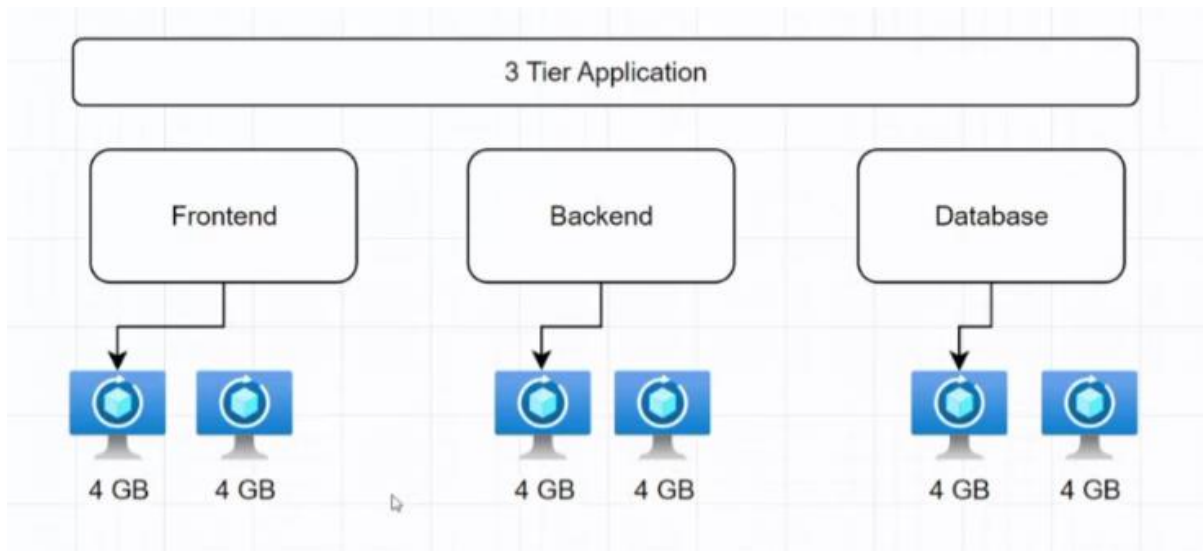
v) Security

vi) Governance

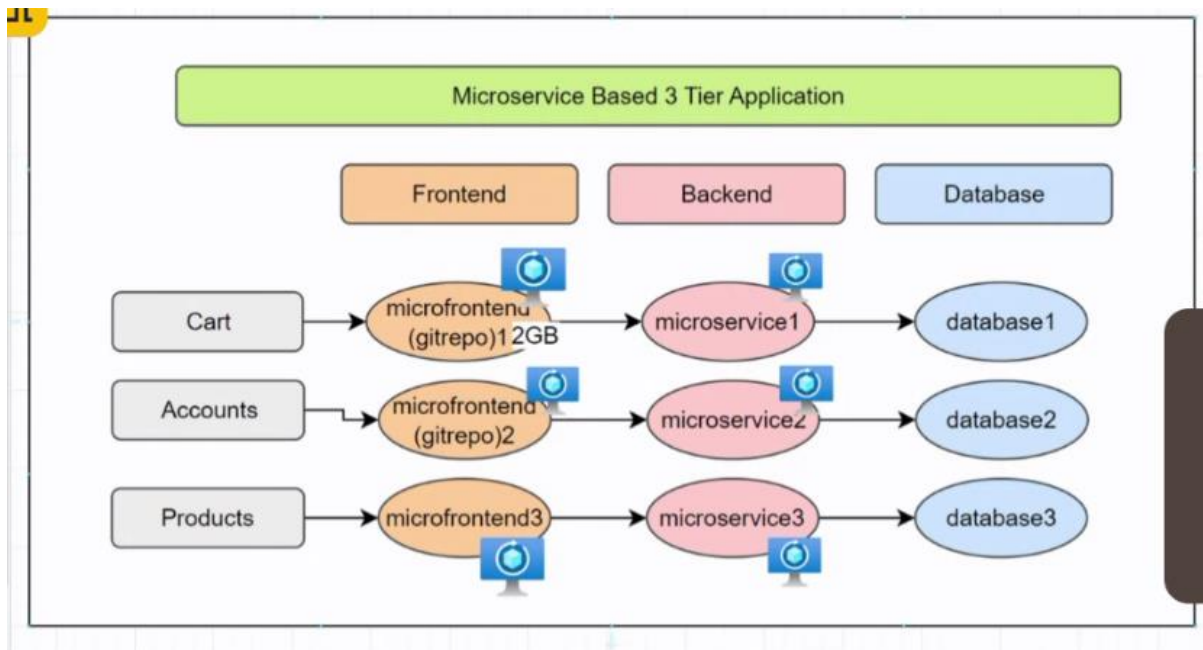
2) We can put grafana and Prometheus here also for monitoring



3) Now instead of infra level we will start distributing at application level.



4) After that at microservice level, there will be vm distribution in 1000s



5) Hypervisor cuts the computer and by cutting it is giving to us.

6) The problems of monolithic applications are

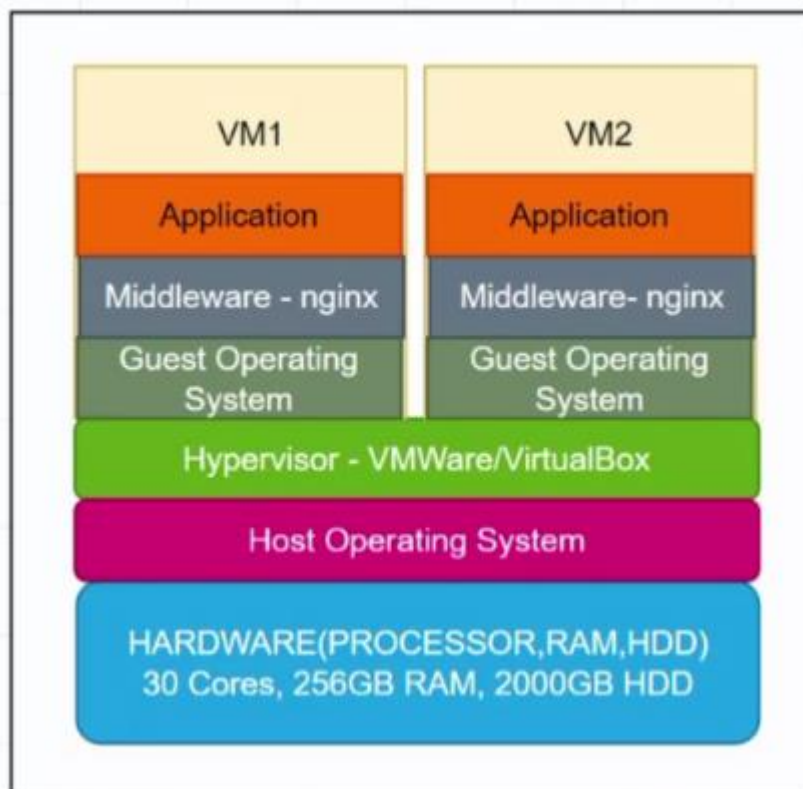
Problems

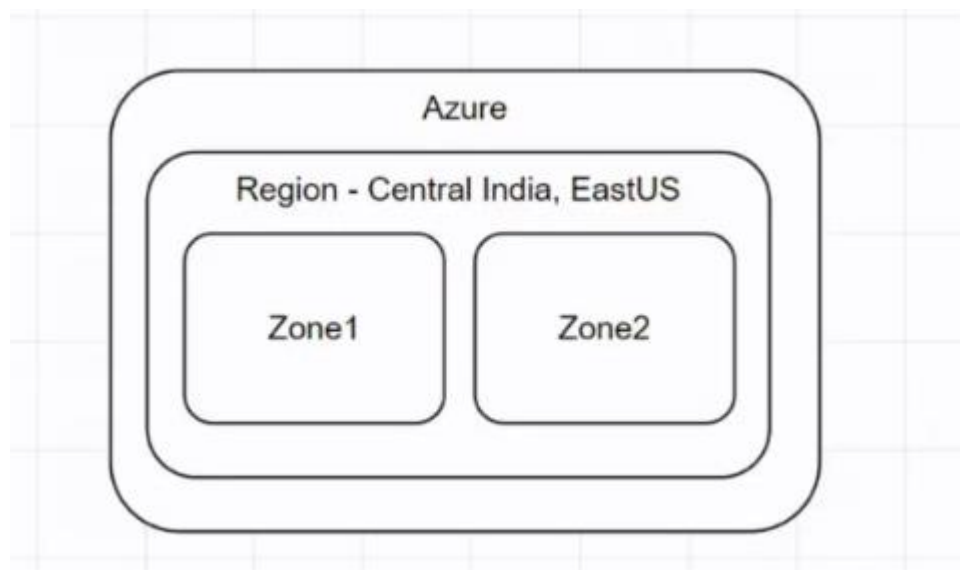
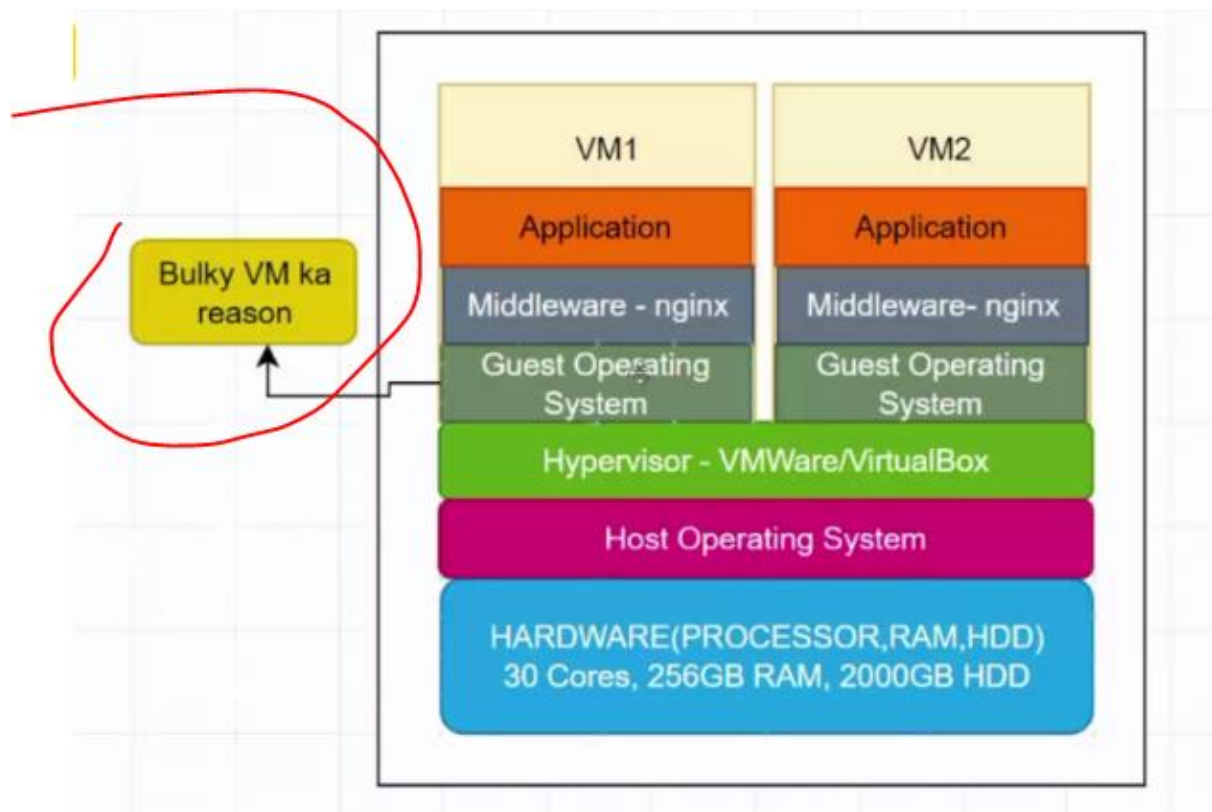
Sab kuch ek saath hai

Downtime - System Crash/New Deployment

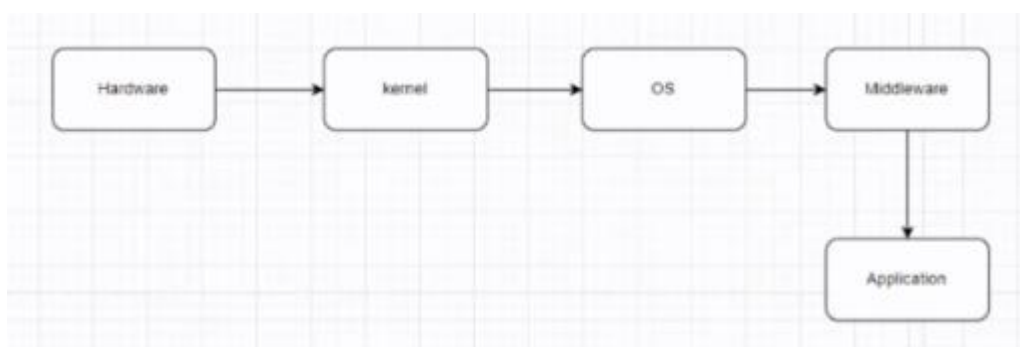
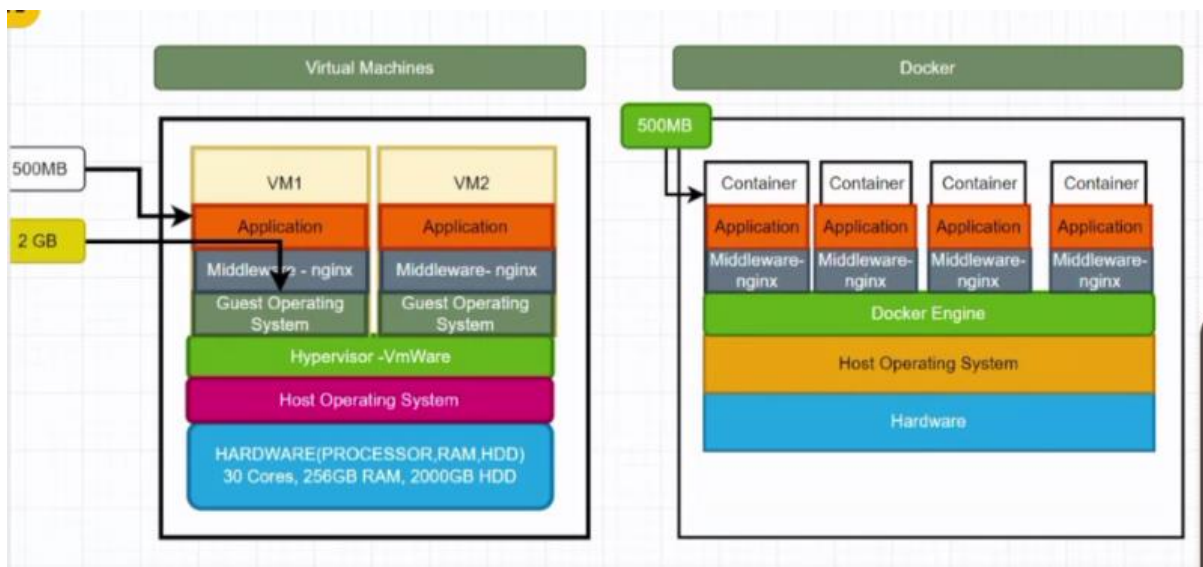
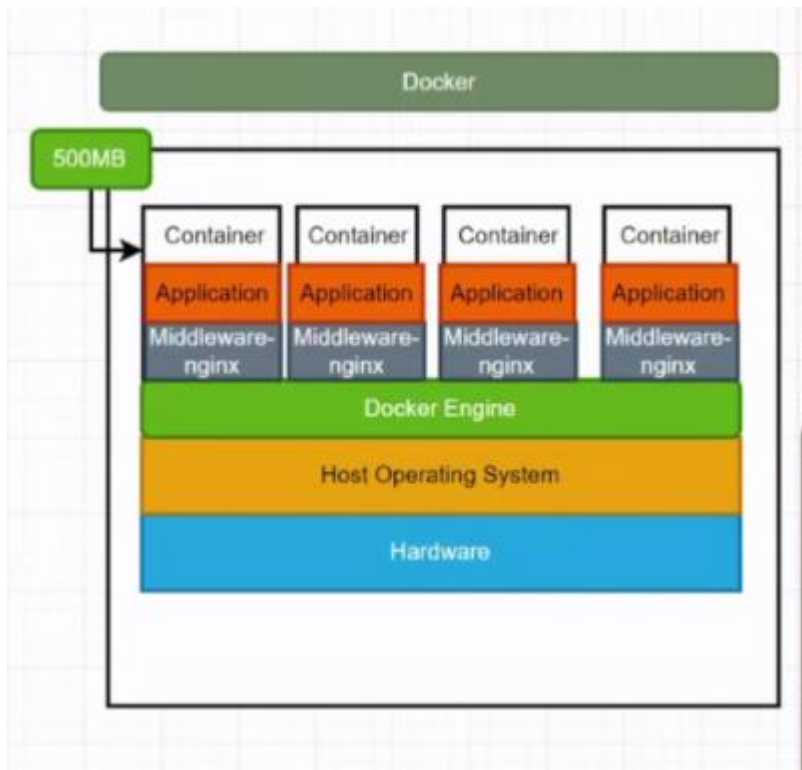
Restart Time is Very High

Wastage of Memory(Increased Cost)



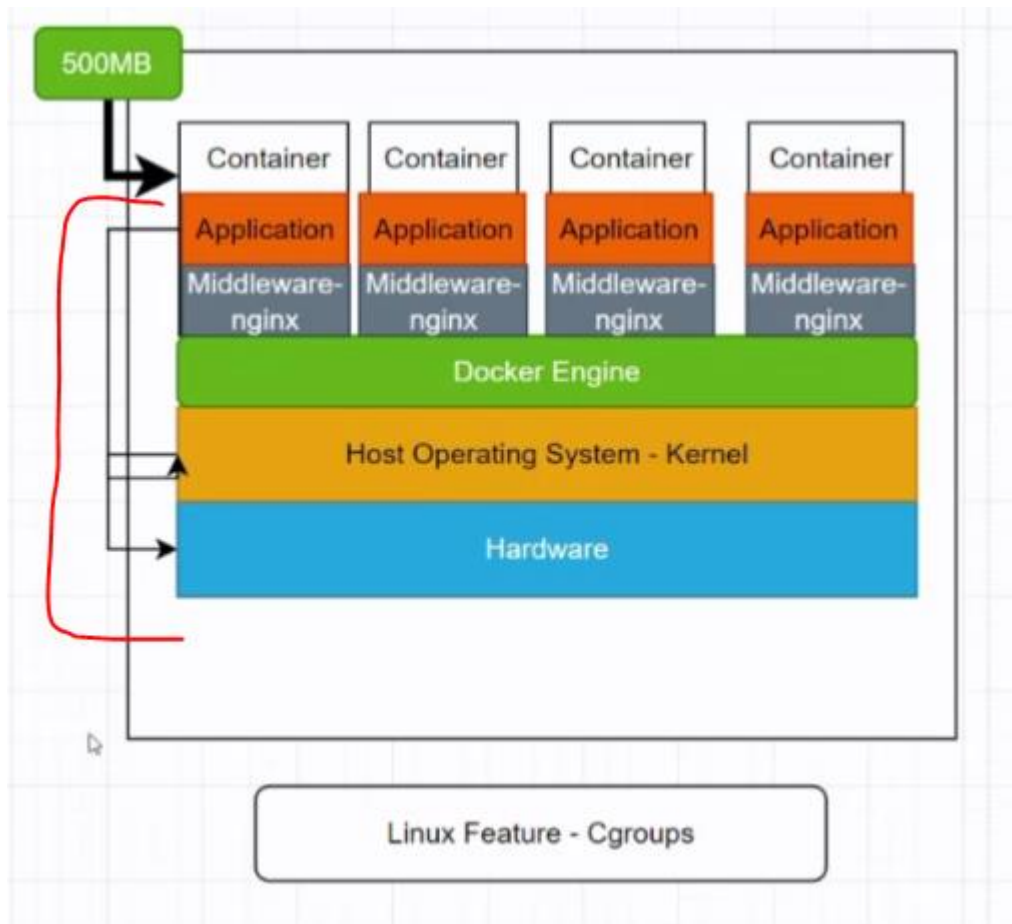


7) The guest operating system is replaced by Docker Engine which is a main reason for making bulky vm



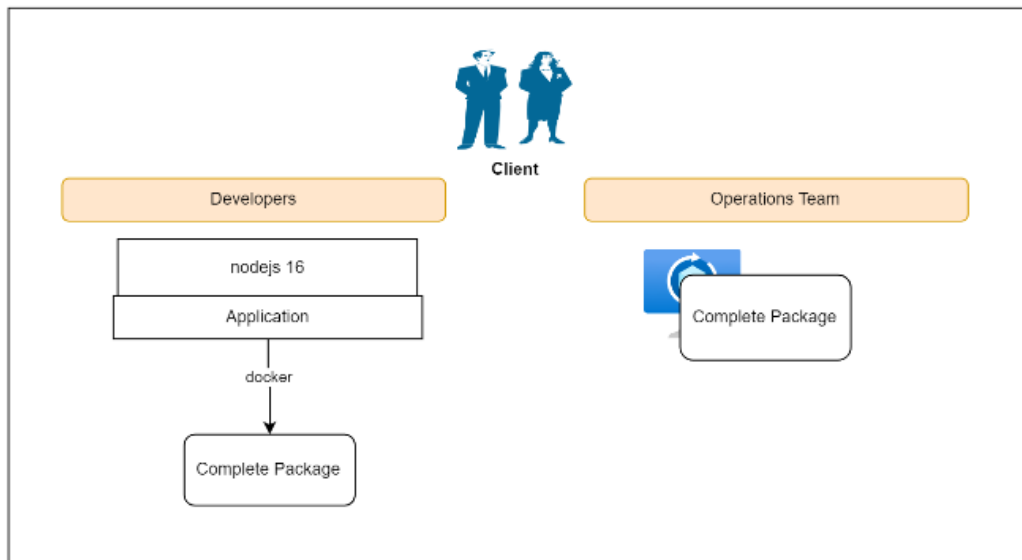
8) As per above diagram, Application and hardware interacts through kernel and OS

9) C groups is a feature of kernel used by docker to distribute or cut into many VMs.



10) Benefits of docker are





Most important Interview Question Today - Difference between Virtual Machines and Containers.



