Kubernetes notes

1) kubernetes is an open source container management tool which automates container deployment , container scaling and load balancing

2) It schedules , runs and manages isolated containers which are running on virtual server/physical server or cloud machines.

3) All top cloud providers supports k8s

###########Cloud based k8s services available (competitors)########

1) GKE -> google kubernetes services

2) AKS -> azure kubernetes services

3) EKS -> elastic kubernetes services

############Features of k8s#########

-> orchestration services ( clustering / Managing of any number of containers running in different network)

-> Autoscaling

-> Autohealing

-> load balancer

-> Platform Independent

-> fault tolerance

->Roll back

-> health monitoring of containers

-> Batch execution

-> K8s supports json and yaml