**Kubernetes**

Kubernetes is used for container orchestration which meets below non-functional requirement:

1. K8s maintains container lifecycle
2. Kubernetes means ships pilot in greek
3. Containers are grouped in clusters
4. Kubernetes helps us to deploy and connect containers across multiple hosts
5. Container should be fault tolerant
6. Container scalability on demand
7. Container performance
8. Container should auto discover / auto discovery
9. Container in cluster should be public access
10. Container applications should be auto update / rollback