

POD: It is a group of one or more container that are deployed together on the same host. It is the control unit. Containers are tightly coupled in a POD. One container per POD is recommended.

NODE: A Node is a worker machine in Kubernetes and may be either a virtual or a physical machine, depending on the cluster

REPLICASET: It is object that enable us to easily create multiple pods, then it make sure that number of pod always exist. If a pod fails or crashes then it is replaced by new pod. It supports equality and set based selectors.

DEPLOYMENT: Replica set is not able to do updates and rollback application in a cluster. A deployment object act as a supervisor for pods, giving us a fine-grained control over how and when a new pod is rolled out, updated, rolled back to previous state.