

## Replica Set

Replica Set ensures how many replicas of the pod should be running. It can be considered as a replacement or replication controller. The replica set and the replication controller's key difference is that the replication controller only supports equality-based selectors whereas the replica set supports set-based selectors.

## Node

A node is the smallest unit of computing hardware in Kubernetes. It is a representation of a single machine in your cluster

## Pod-

wraps one or more containers into a higher-level structure called a pod

Pods can hold multiple containers

## Deployment

Pods are usually managed by one more layer of abstraction means deployment