Kubernetes is also called K8’s. Kubernetes is container orchestration tool which is used for automating the task of managing, monitoring, scaling and deploying containerized applications.

What is Heapster?

It helps us to do cluster wide monitoring and event data aggregation.

What is Kubelet?

It is a service agent that controls and maintains a set of pods by watching for pod specs through the kubernetes api server. It preserves the pod lifecycle by ensuring that a given set of containers are all running as they should. The kubelet run on each node and enables the communication between the master and slave nodes.

What is Kubectl?

It is Kubernetes command line tool.

What are Different type of services in Kubernetes.

1. Cluster IP Service
2. Node Port Service
3. External Name
4. Load Balancer Service.

What is ETCD?

Kubernetes uses ETCD as distributed key-value store for all its data, including meta data and configuration data, and allow nodes in kubernetes clusters to read and write data

What is Kube Proxy?

What is Headless service?

What is Persistent Volume claims?

It is the storage requested by kubernetes for pods.