kubernetes

Management Tools

➤ **<u>K8s Management Tools-</u>**

➤ Kubectl

➤ Kubeadm

➤ Minikube

➤ Helm

➤ Kompose

➤ Kustomize

➤ <u>**K8s Management Tools -**</u>

➤ K8s tools provide Additional functionality.

➤ It's good to be familiar with K8s Tools.

➤ **<u>Kubectl -</u>**

➤ Kubectl is official CLI for K8s.

➤ We will see using kubectl thought-out this course.
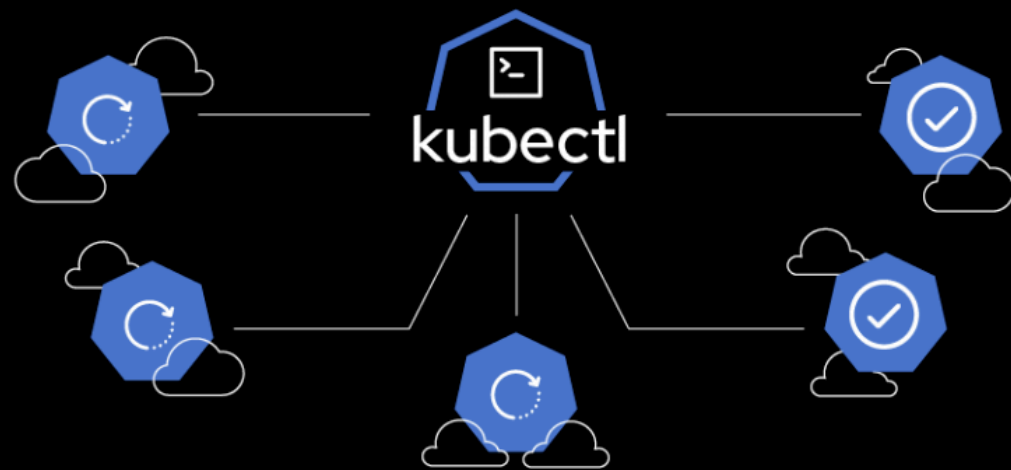
➤ **<u>Kubadm -</u>**

➤ Kubeadm tool is used to easily creating the K8s Cluster.

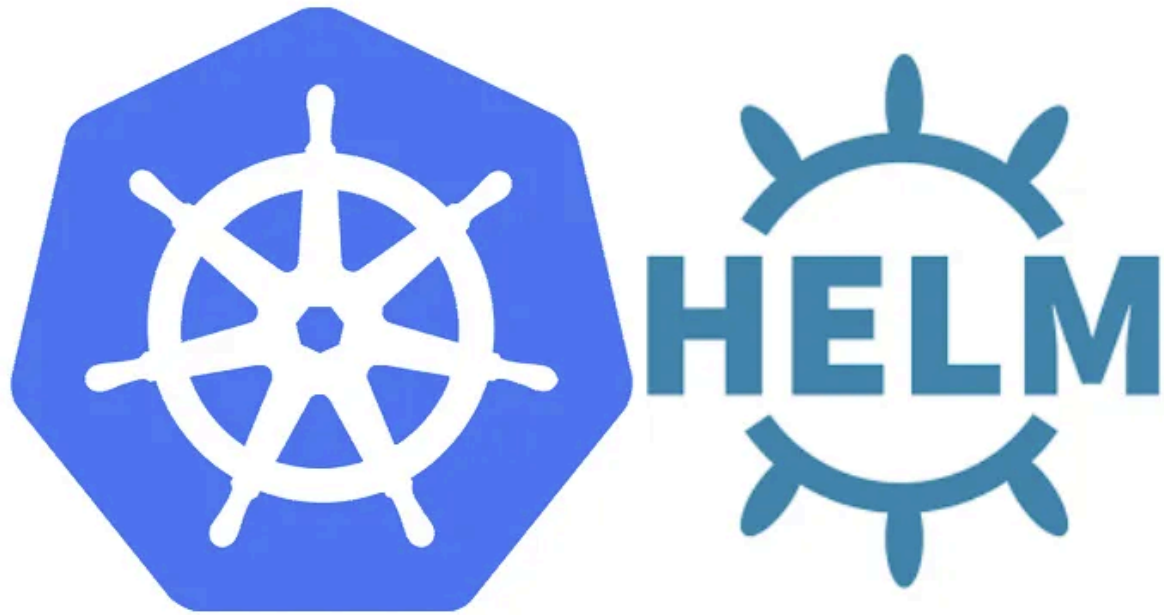➤ Helping user to set-up and make cluster functional.

➤ **Minikube -**

➤ K8s Developer's tool.

➤ Help to SetUp K8s Cluster quickly for Development.

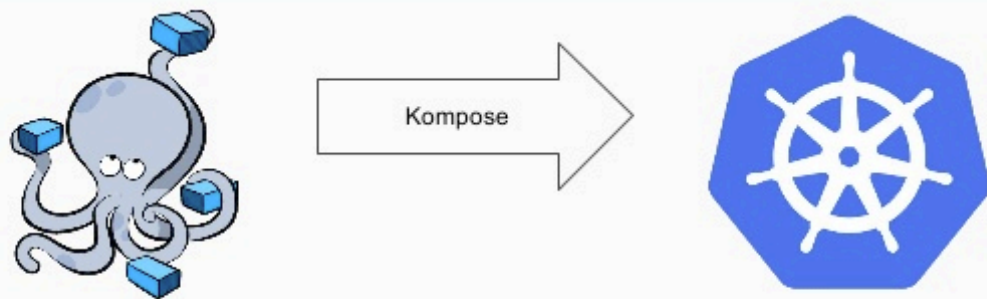➤ SetUp local single Node Cluster.

➤ **Helm -**

➤ Powerful tool for K8s Template and Package management.

➤ Ability to Convert K8s Objects in reusable templates.

➤ Ability to provide Complex Multi Config Templates with cross connectivity.

➤ **<u>Kompose -</u>**

➤ Helps to translate Docker Compose files into a K8s Objects.

➤ Ability to ship containers from Compose to K8s.

➤ **Kustomize -**

➤ Configuration management tool for K8s objects Configuration.

➤ Similar to Helm and have ability to create re-useable templates for K8s.

See you in next lecture …