kubernetes

Using NameSpaces in K8s

➤ **NameSpace-**

➤ NameSpaces are virtual Cluster backed by the same Physical Cluster.
K8s Objects, such as pods and containers live in NameSpace.

➤ NameSpaces are ways to separate and organise Objects in K8s.

➤ <u>List Existing NameSpace-</u>

➤ NameSpaces can be list using kubectl :

```
$ kubectl get namespaces
```

➤ All clusters have **default** namespace.

➤ **Specify NameSpace-**

➤ NameSpaces needs to be Supply with kubectl :

> **$ kubectl get pods - -namespace <namespace>**

➤ Note that if Name space is not defined, system will take **default** namespace.

➤ **Create a NameSpace-**

➤ User can create their own namespace with kubectl :

> $ kubectl create namespace <namespace>

➤ Note that if Name space is not defined, system will take **default** namespace.

HANDS-ON DEMONSTRATION

See you in next lecture …