

POD IS THE MOST BASIC UNIT OF KUBERNETES.

LIKE ALPHABETS OF ENGLISH LANGUAGE OR MOST BASIC UNIT OF A HUMAN BODY IS CELL

K8S DOESN'T MANAGE THE CONTAINERS DIRECTLY.

IT MANAGES THROUGH PODs.

FIRST IT WILL CREATE A POD THEN DEPLOY CONTAINERS IN IT.

POD IS ONLY RESPONSIBLE FOR MANAGING THE CONTAINER AS A WHOLE NOT INSIDE OF A CONTAINER.

K8S DOES NOT GIVE IP OR ANY CONFIGURATION TO CONTAINER, IT ALLOCATES TO POD

GENERALLY, WE CREATE SINGLE CONTAINER IN A SINGLE POD, BUT WE CAN DEPLOY MULTIPLE CONTAINERS IN A SINGLE POD.

SAME CASE WITH NODES AND SAME CASE WITH CLUSTER

