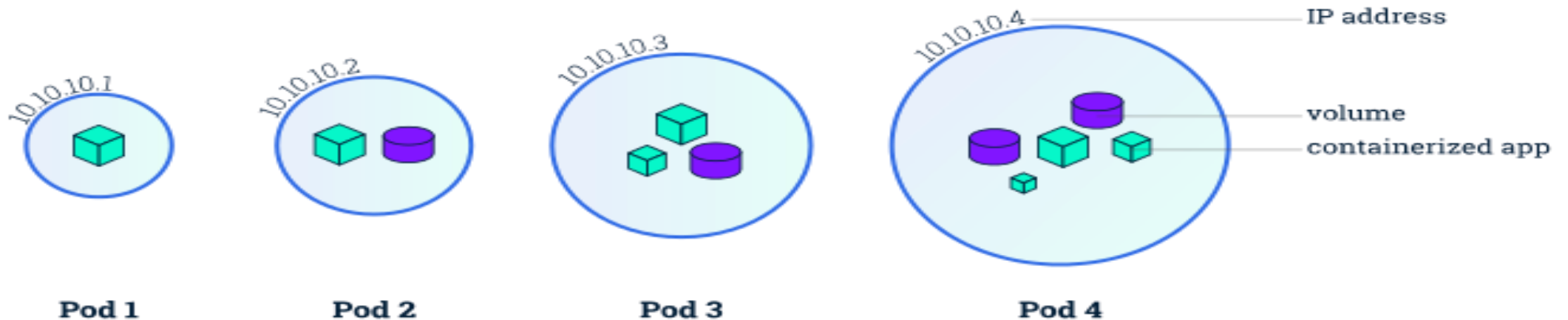


# PODS

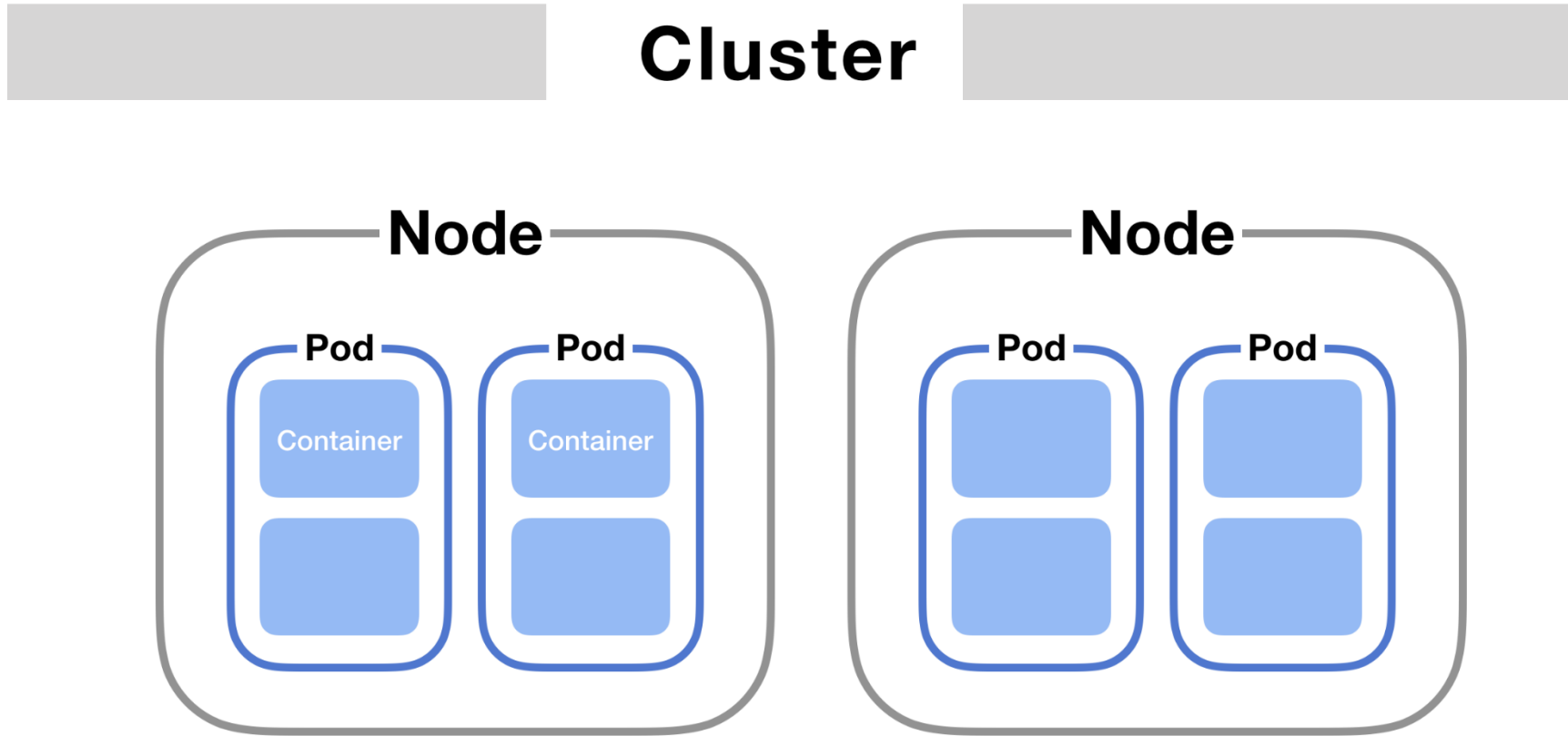


# What is POD?

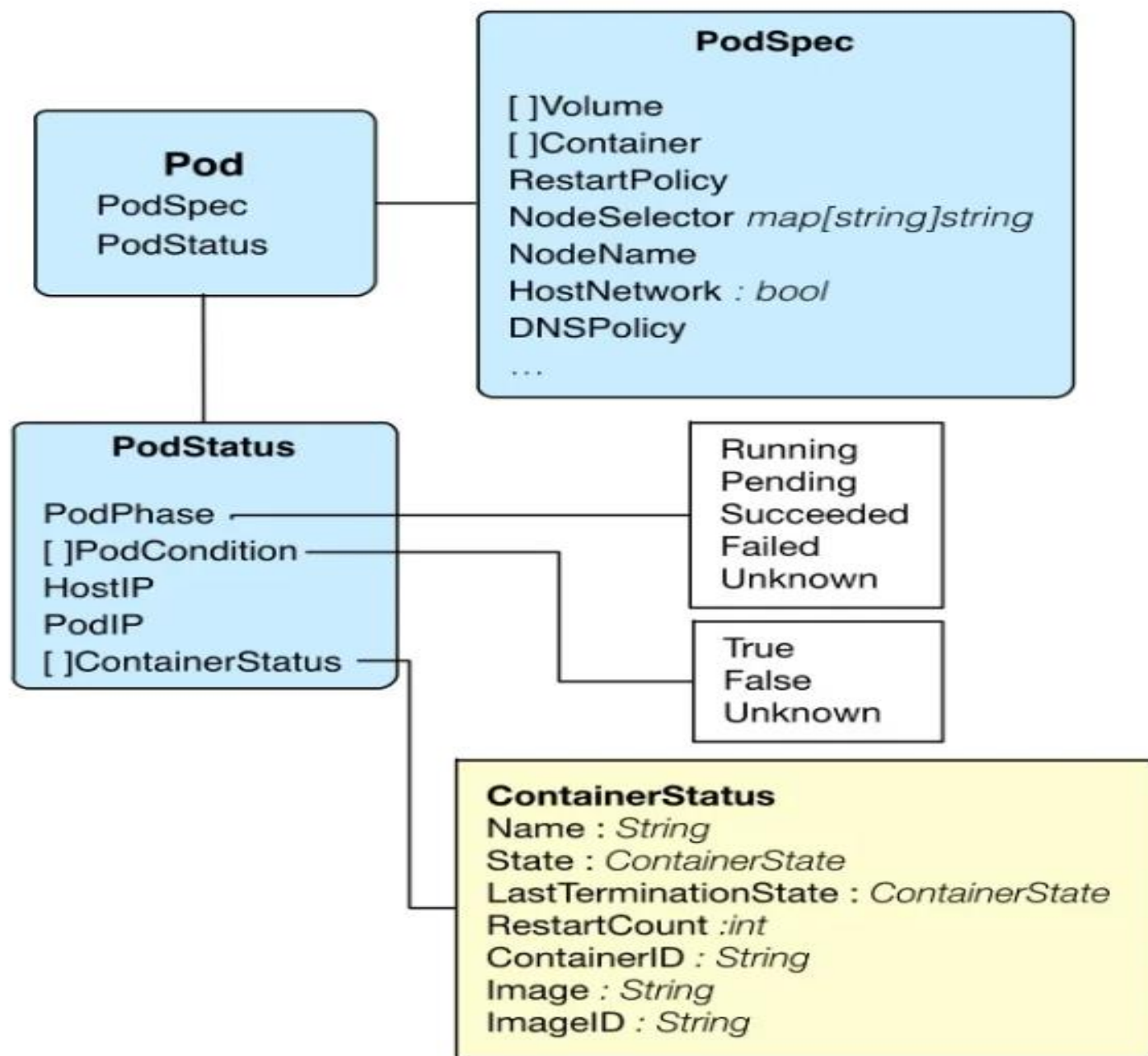
- Pod is Collection of Containers that can run a host
- Pod represent a logical construct to bundle one or more applications together.
- It represent a logical host
- In the Docker world the pod represent a bundle of containers with shared volumes.



# Connection between nodes and Pods



# Pod Structure



# Creating POD

## Using YML file

```
apiVersion: v1
kind: Pod
metadata:
  name: <optional>
  labels:
    app: <optional>
spec:
  containers:
  - name: <optional>
    image: <image name>
    ports:
    - containerPort: 80
```

```
kubectl create -f <filename>.yml
```

## Using kubectl Command

```
kubectl run <podname> --image=<imagename>
```

# Multi Container Pod

```
apiVersion: v1
kind: Pod
metadata:
  name: <optional>
spec:
  containers:
  - name: <optional>
    image: <image Name>
    ports:
    containerPort: 8080
    imagePullPolicy: Always
  -name: <optional>
    Image: <image Name>
    Ports:
    containerPort: 8081
    imagePullPolicy: Always
```

A red pushpin is pinned to the top center of the yellow sticky note.

THANK  
You! 😊