



UNIVERSITAS  
TEKNOLOGI  
DIGITAL  
INDONESIA

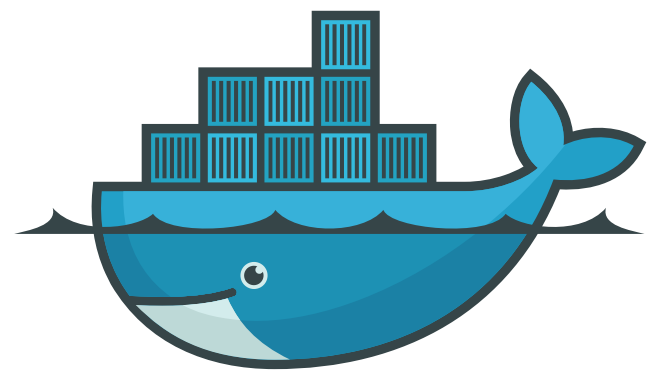


**kubernetes**



# Pengenalan Kubernetes

# Container



docker



Processes  
Network  
Mounts



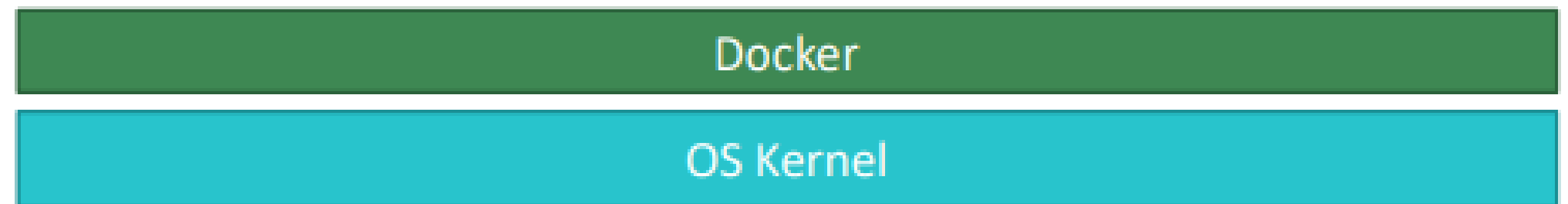
Processes  
Network  
Mounts



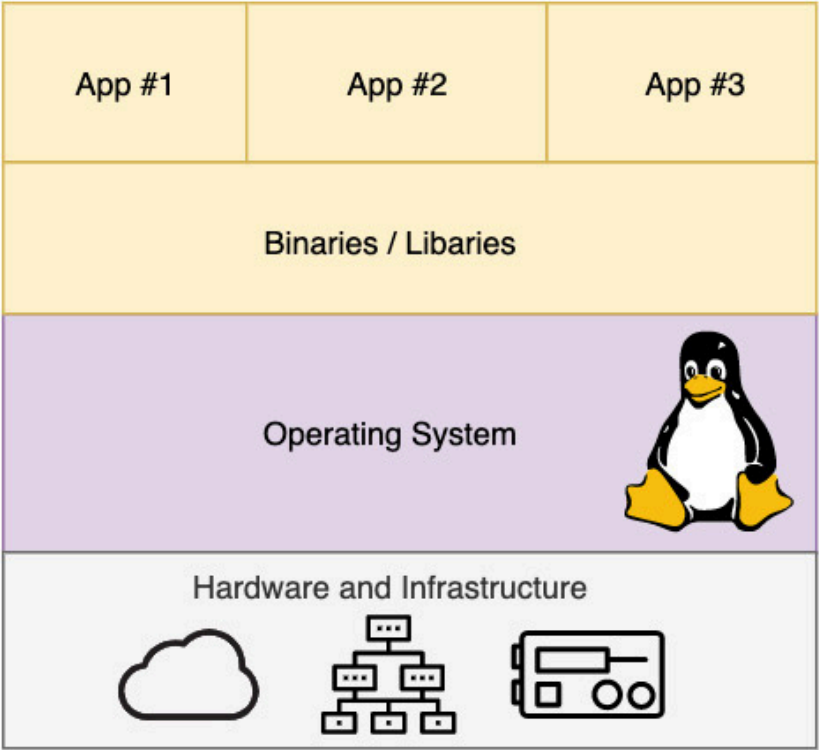
Processes  
Network  
Mounts



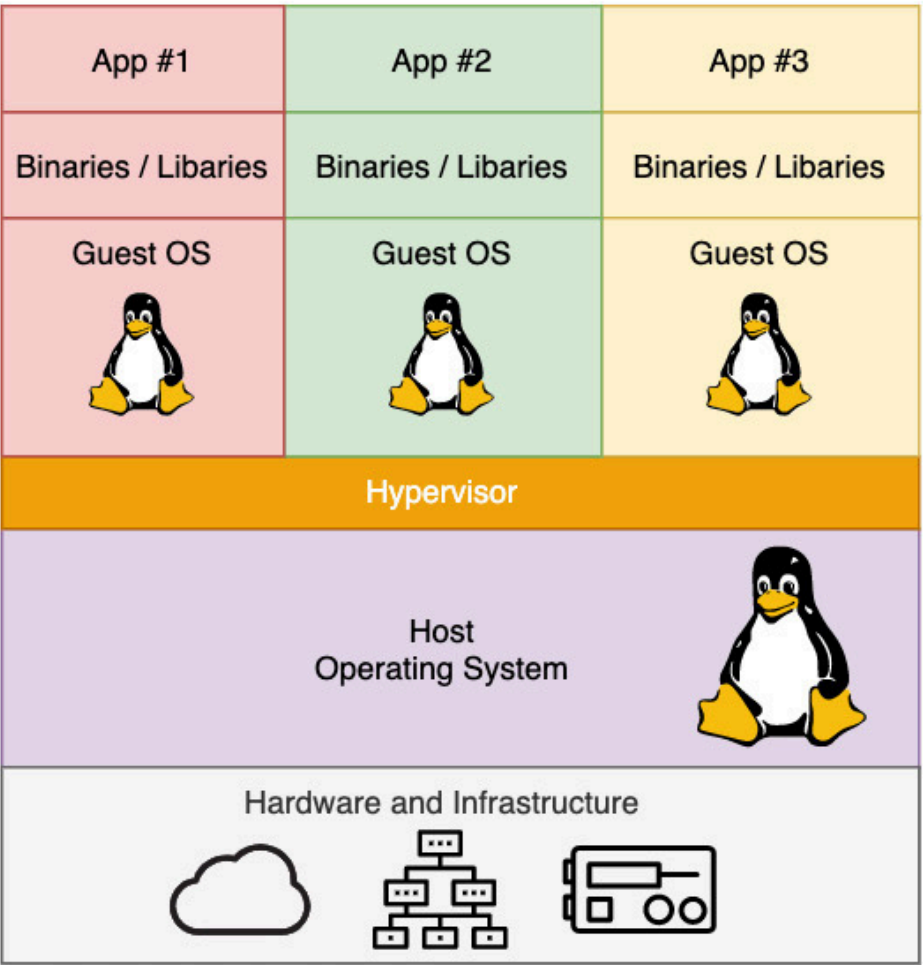
Processes  
Network  
Mounts



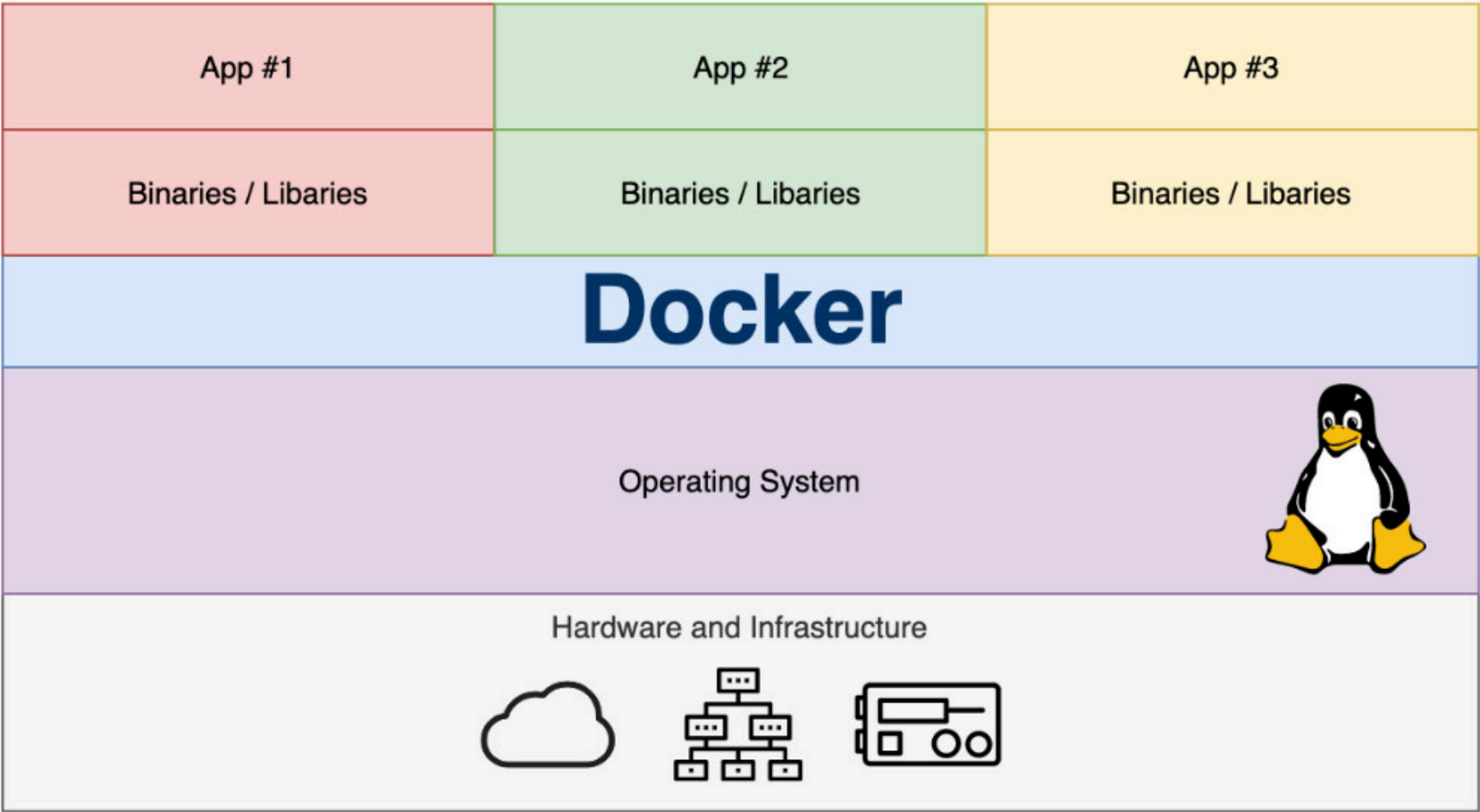
# Perbedaan Baremetal, VM, dan Container



Dedicated Machines

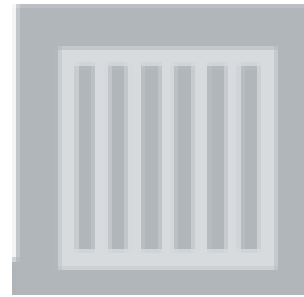


Virtual Machines



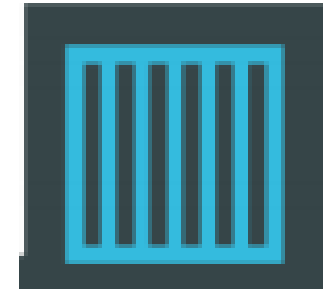
Conatiners

# Image VS Container

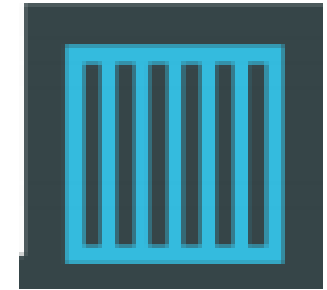


Docker Image

Package  
Template  
Plan



Docker Container #1

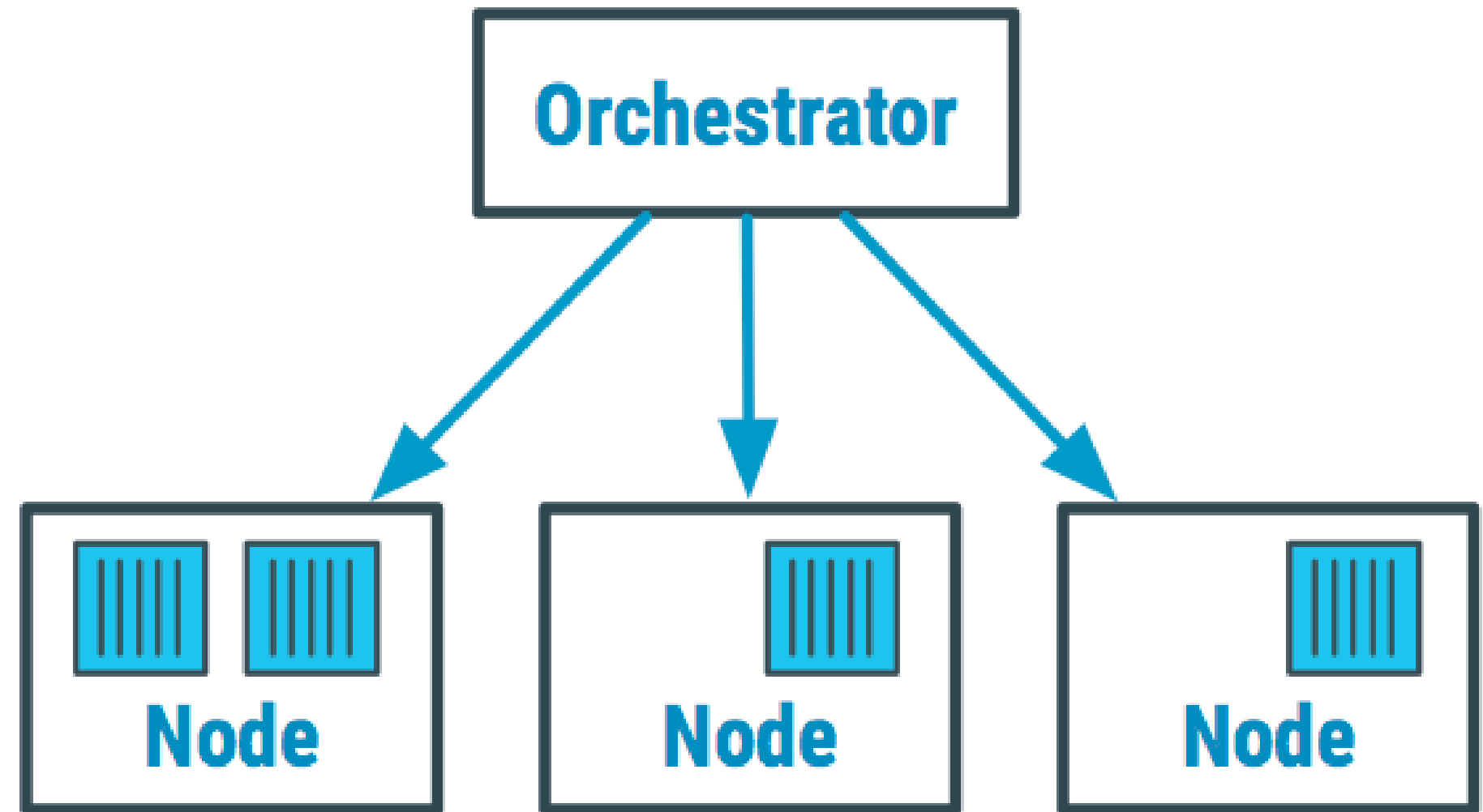


Docker Container #2

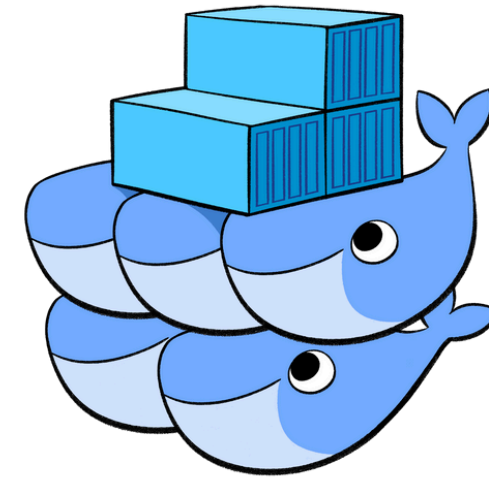
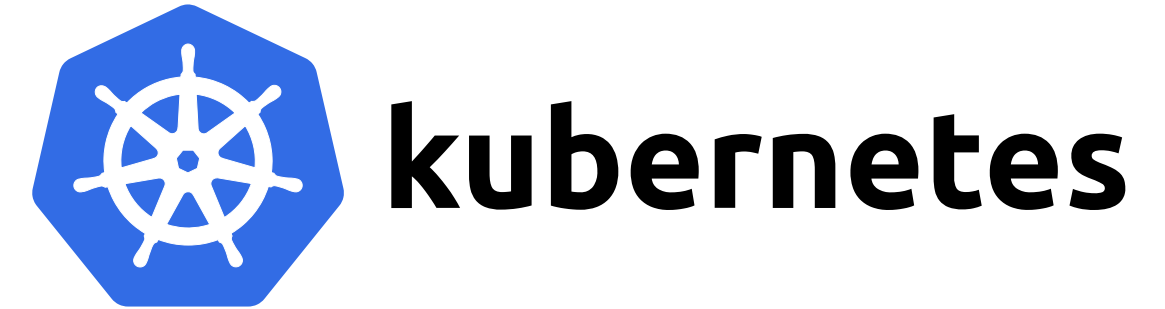


Docker Container #3

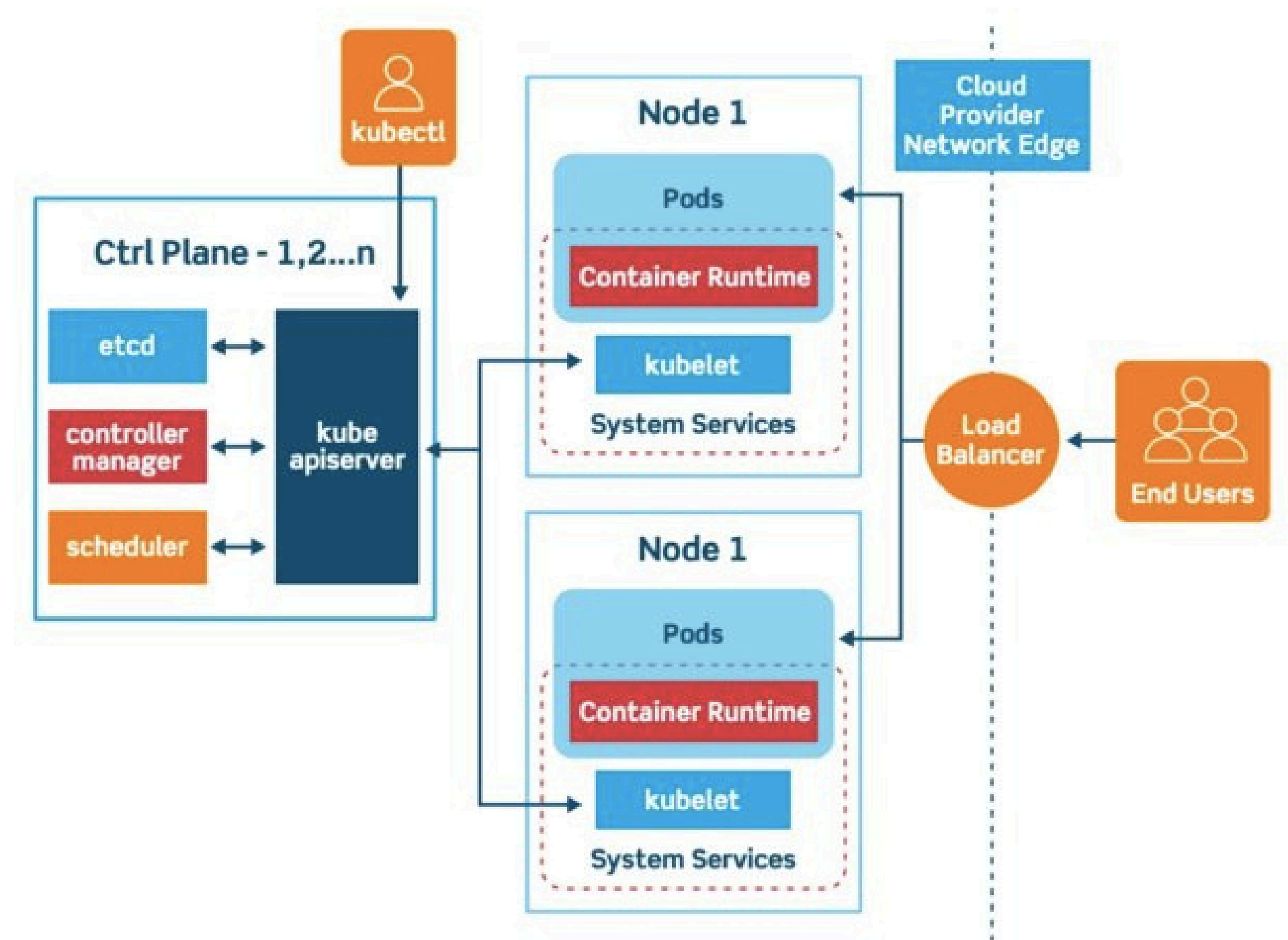
# Container Orchestration



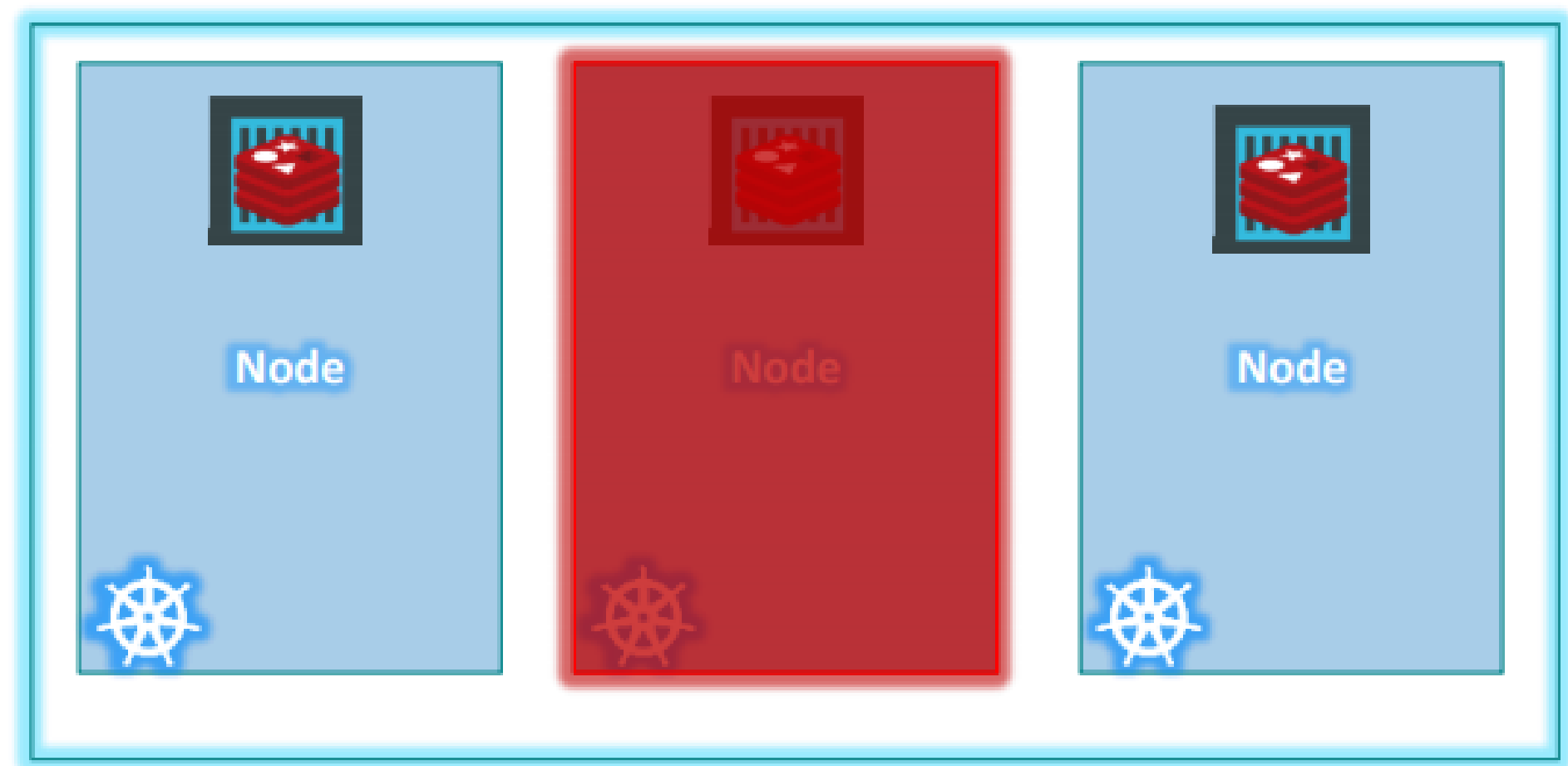
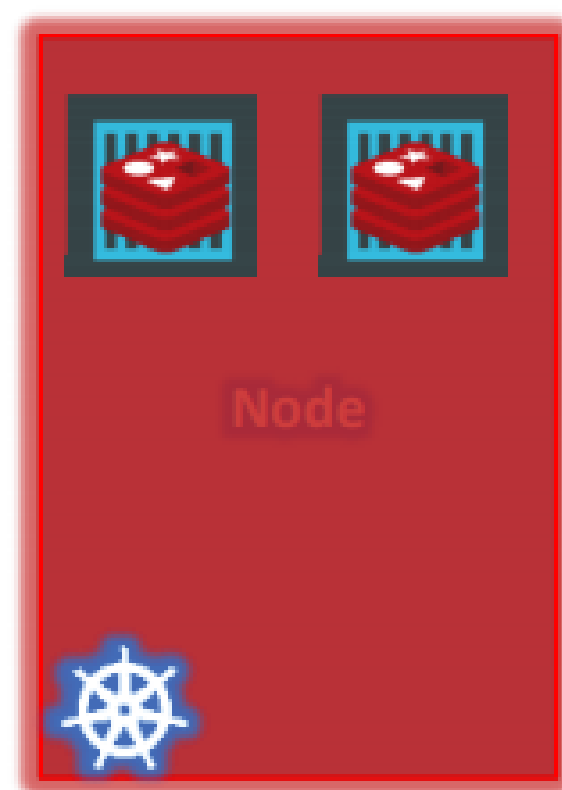
# Jenis Container Orchestration



# Arsitektur Kubernetes

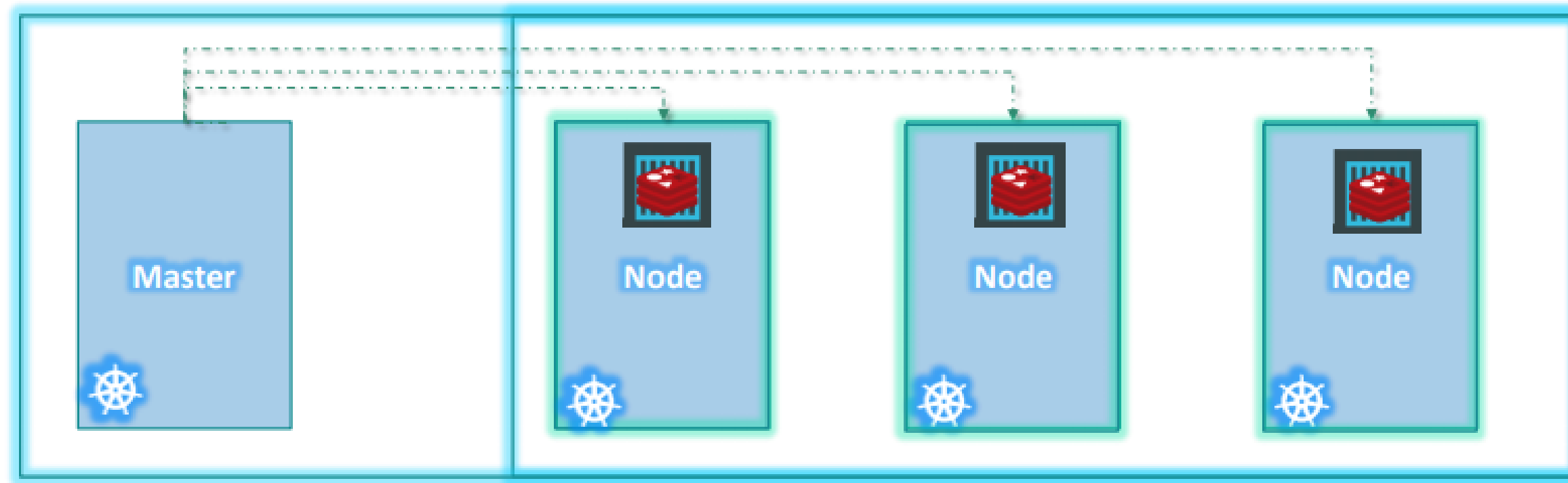


# Kubernetes Node dan Cluster Nodes





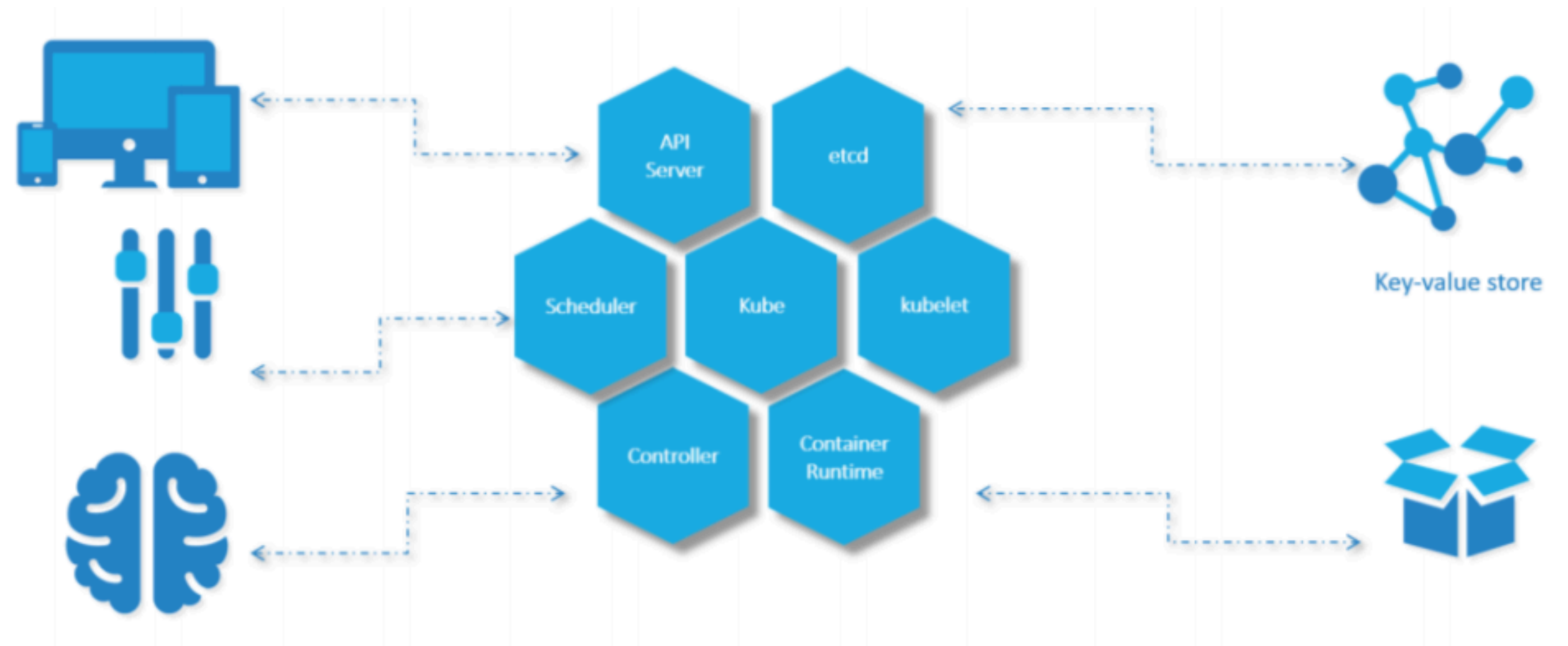
# Kubernetes Master (Control Plane)



# Master VS Workers



# Komponenten



# Kubectl

```
kubectl run hello-minikube
```

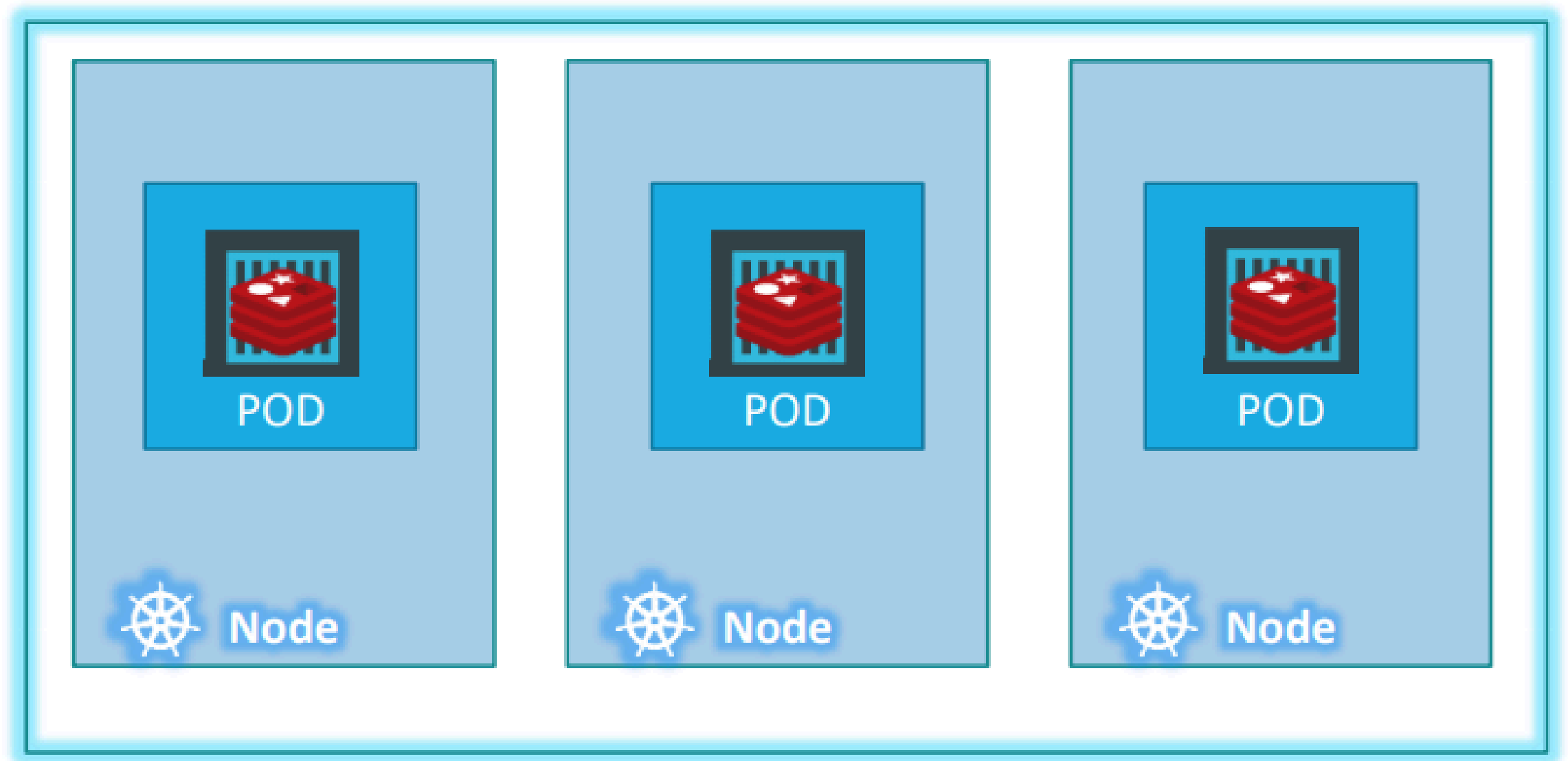
```
kubectl cluster-info
```

```
kubectl get nodes
```



[killercode.com](https://killercode.com)

# POD



# POD Cluster

