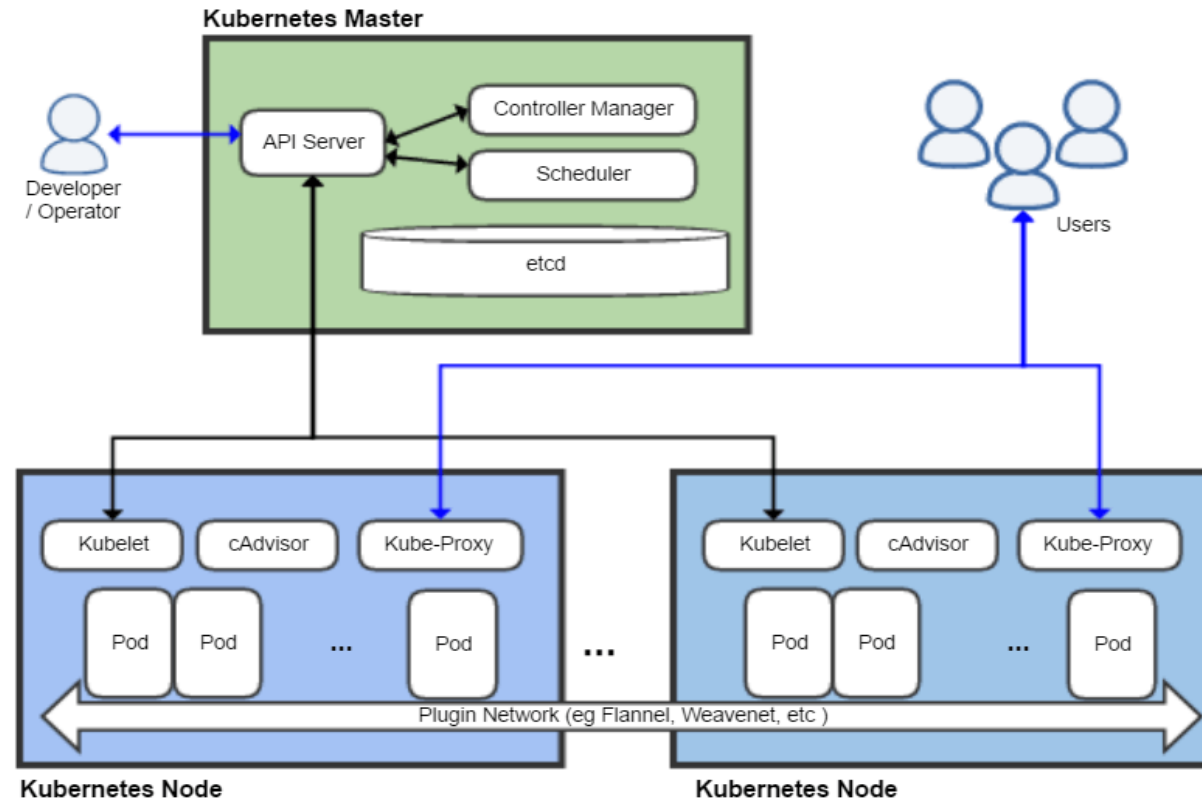


Introduction to Kubernetes

Kubernetes/K8s

- Open-source container orchestration system
- Well-defined resources aka building blocks
 - Pods, Services, Volumes, Namespace etc.
- Extensible, custom resources
- Well defined API to manage resources
- Easy to use CLI
 - kubectl

K8s Architecture



Sample yaml

```
apiVersion: v1
kind: Pod
metadata:
  name: busybox-sleep
spec:
  containers:
  - name: busybox
    image: busybox
    args:
    - sleep
    - "1000000"
---
```

\$ kubectl create -f sample.yaml

\$ kubectl get pods -o wide

More Info

- Kubernetes documentation
 - <https://kubernetes.io/docs/>
- Kubectl commands
 - <https://kubernetes.io/docs/reference/kubectl/overview/>