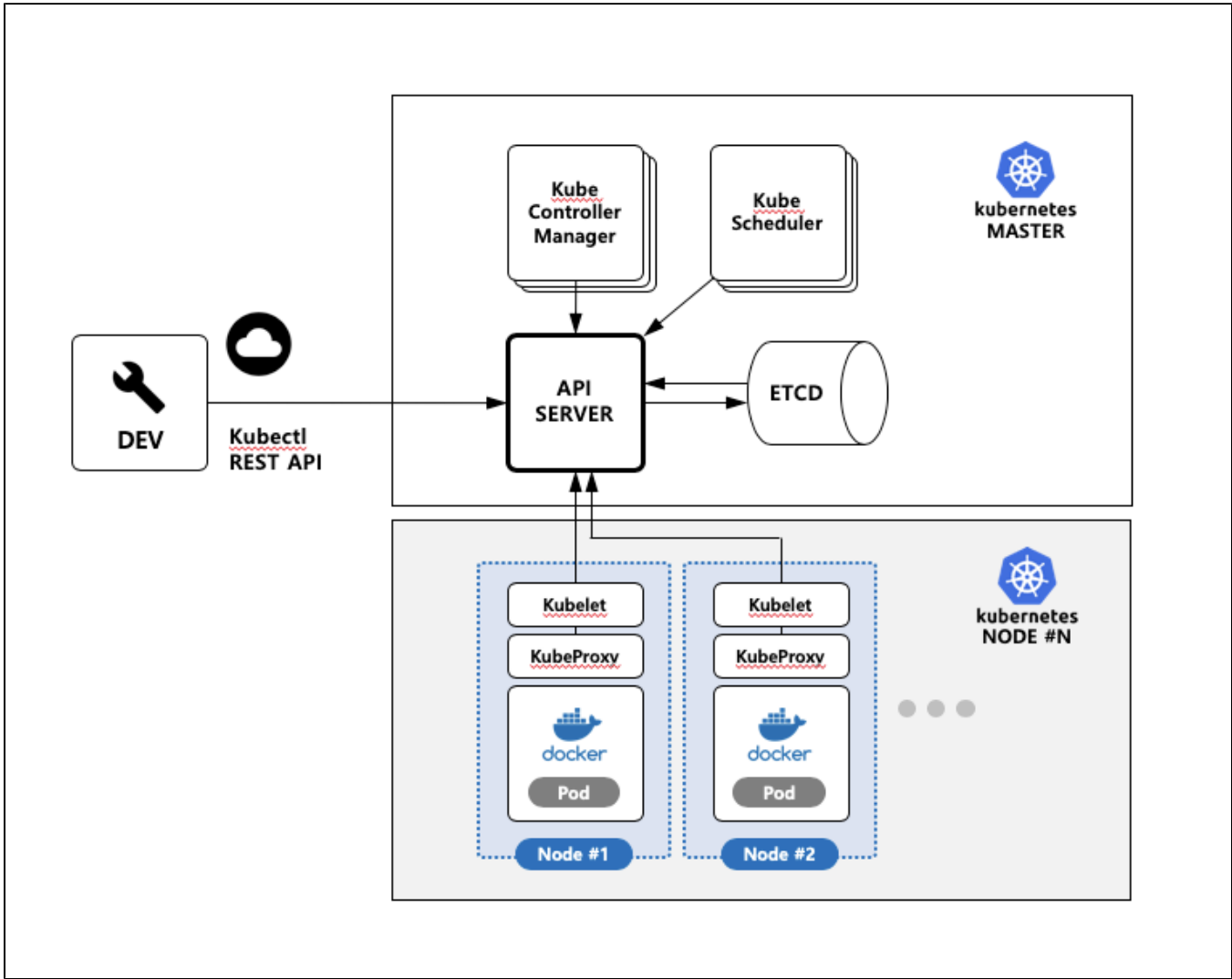


Architecture



(Master) (Node)

(Master) (Node) .

Master ,

Node Pod .

Master Pod . ()

(Master)

,

API , , , ETCD .

API .

Node Node .

Master Etcd (KVS) .

- Master / Node Cluster .
- Node / .
- 1 .
- Kube API Server, Controller Manager, Scheduler, etcd .

- Etcd .

API Server

REST API , API .

REST API .

ETCD () .

API Server .

(ETCD)

API , .

, API Server Pod Etcd .

Etcd , .

(Scheduler)

Pod, .

node Pod ,

Node Pod .

(Controller Manager)

(Replica controller, Service controller, Volume Controller, Node controller) Node .

, Pod .

(Node)

Master API Node .

Node Kubelet, Kube-proxy, cAdvisor (Docker) .

Kubernetes Docker , rkt .

Node , .

Kubelet

Node , Master API , Node ,

Node Master .

Pod .

Node API Server .

Kube-proxy

Node ,

Node ,

Node Master .

Container Runtime

Pod .

Docker ,

Docker rkt (), Hyper container .

cAdvisor

cAdvisor Node , Node , Master API Server .

