

ARCHITECTURE

- Node: Virtual or Physical
- Cluster: The Set of Node



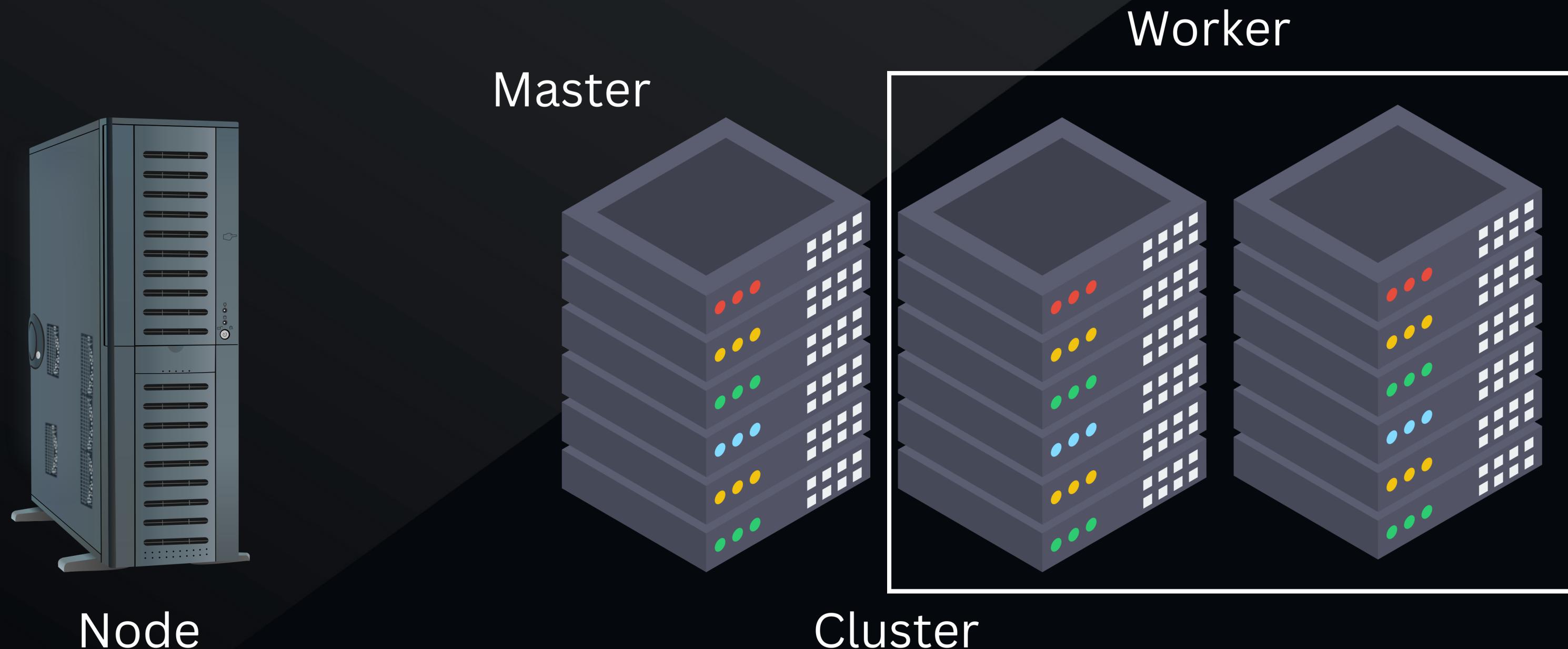
Node



Cluster

ARCHITECTURE

- Node: Virtual or Physical, Master or Worker(minion)
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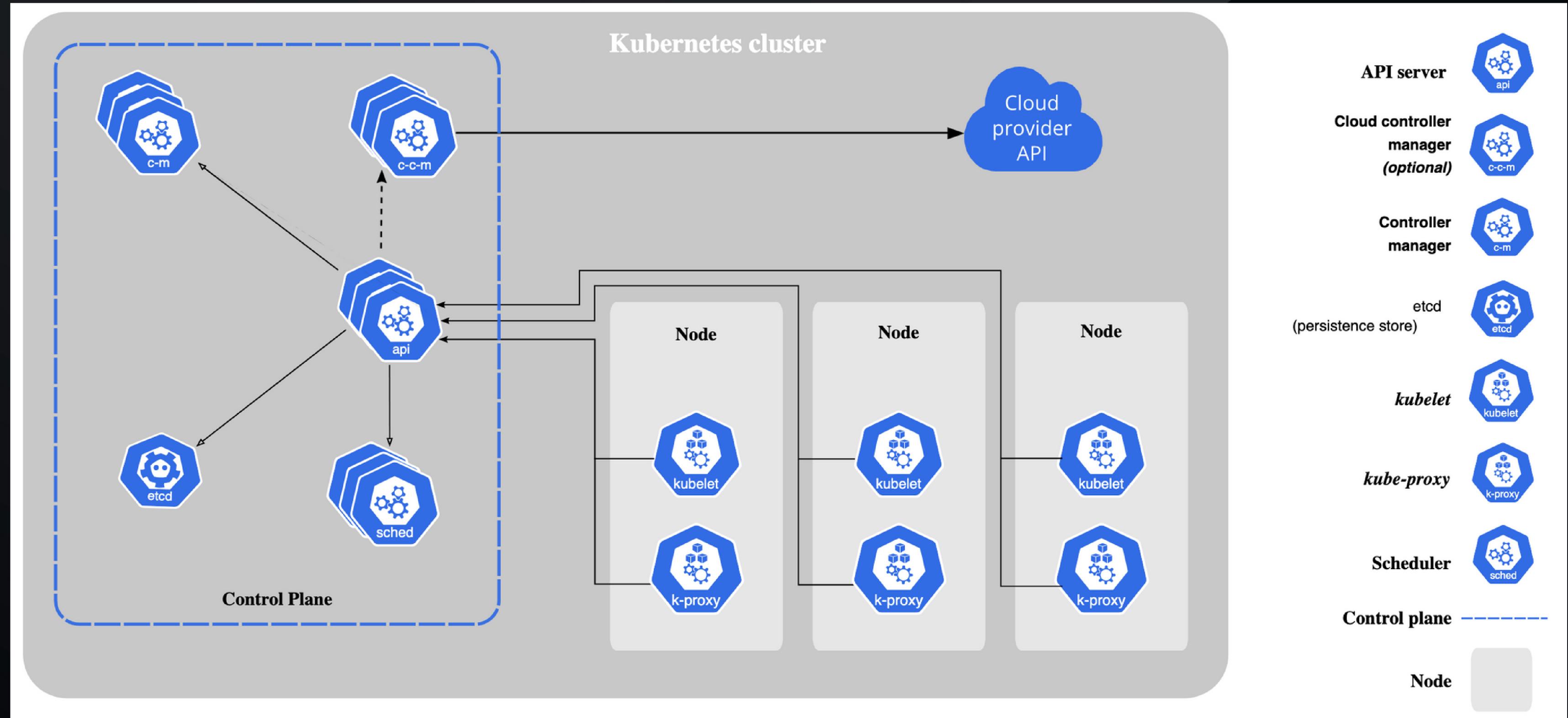
COMPONENTS

- Node: Virtual or Physical, Master or Worker(minion)
- Cluster: The Set of Node
- Master: API endpoint, all other nodes blocked from public
- Components
 - **Control Plane:** global decision about the cluster
 - kube-apiserver: expose kube api
 - etcd: k/v store, kube backing store for all cluster data
 - kube-scheduler: distributing the work for newly created Pod
 - kube-controller-manager: run controller processes
 - cloud-controller-manage: help to link cluster provider
 - **Node:** maintaining running pod
 - kublet: agent running in the each node, checking pod
 - kube-proxy: network proxy to carry out kube service concept
 - container runtime: checking running container(Docker, RKT, CRI-O)

COMPONENTS

- Components
 - **Addons**: support other kube features such as cluster-level features, namespaced resources
 - DNS: serves DNS records for kube services
 - Web UI: Dashboard
 - Container Resource Monitoring: records generic time-series metrics
 - Cluster-level Logging: saving container log
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COMPONENTS

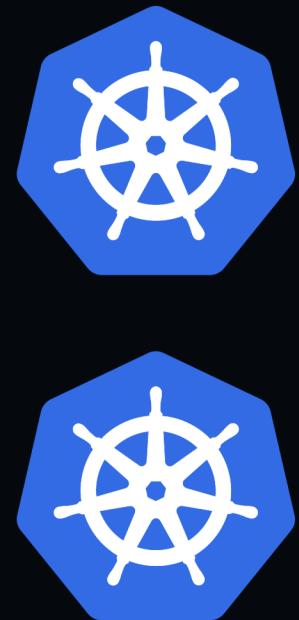


<https://kubernetes.io/docs/concepts/overview/components/>

K8S BENEFITS



traffic



K8S BENEFITS



traffic



K8S BENEFITS



traffic

