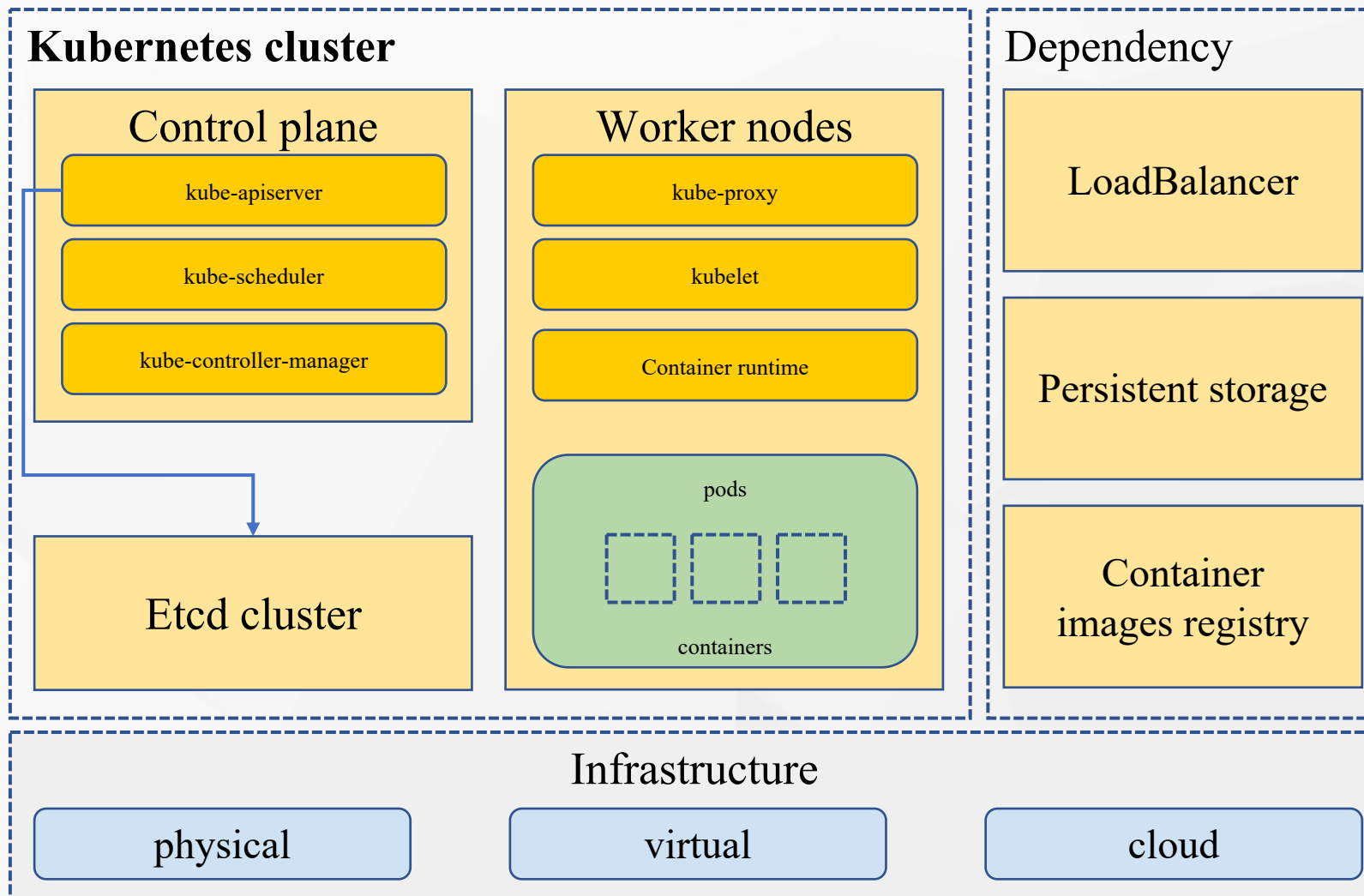


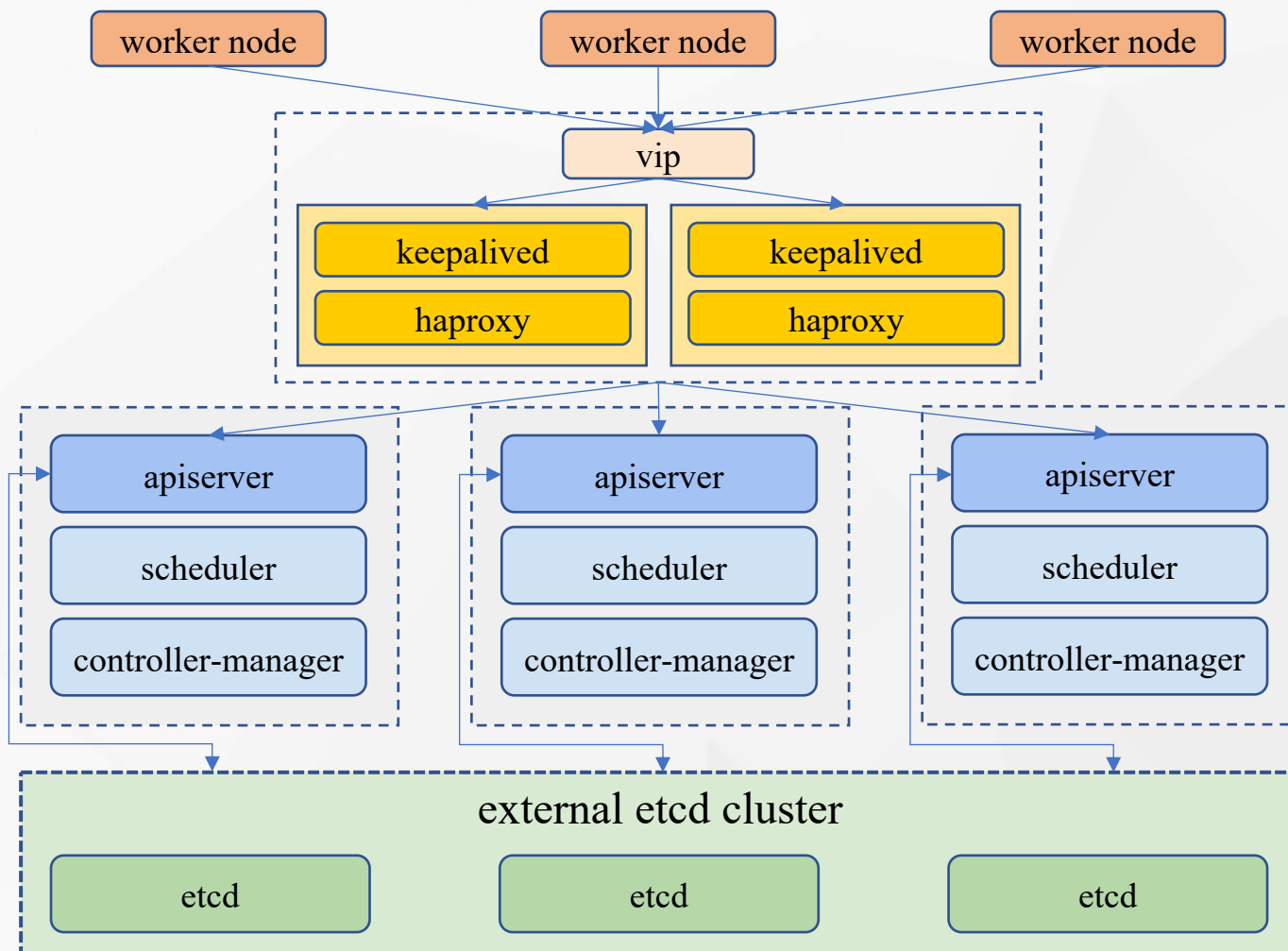


高可用 Kubernetes 集群部署

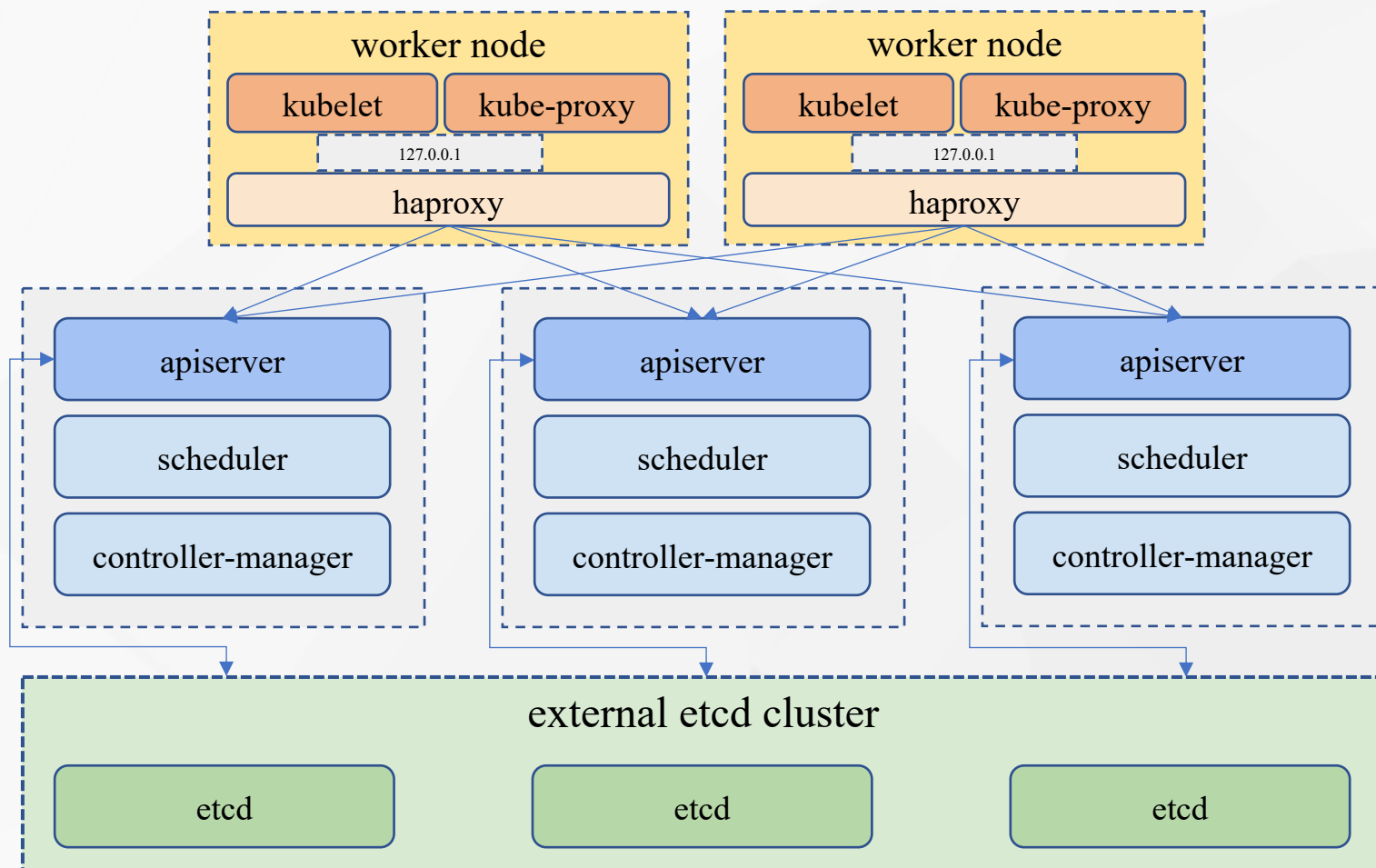
- 1 集群部署概览
- 2 高可用集群部署 (External loadbalancer)
- 3 高可用集群部署 (Internal loadbalancer)
- 4 使用 KubeKey 部署高可用集群



集群部署 (External loadbalancer)



集群部署 (Internal loadbalancer)



使用 KubeKey 部署高可用集群

节点名称	节点地址	节点角色
node1	192.168.6.2	master、etcd
node2	192.168.6.3	master、etcd
node3	192.168.6.4	master、etcd
node4	192.168.6.5	worker
node5	192.168.6.6	worker
	192.168.6.253	vip

GitHub地址：

<https://github.com/kubesphere/kubekey>

下载方式：

`curl -sfL https://get-kk.kubesphere.io | KKZONE=cn sh -`

```
apiVersion: kubekey.kubesphere.io/v1alpha1
kind: Cluster
metadata:
  name: sample
spec:
  hosts:
  - {name: node1, address: 192.168.6.2, internalAddress: 192.168.6.2, password: Test12345}
  - {name: node2, address: 192.168.6.3, internalAddress: 192.168.6.3, password: Test12345}
  - {name: node3, address: 192.168.6.4, internalAddress: 192.168.6.4, password: Test12345}
  - {name: node4, address: 192.168.6.5, internalAddress: 192.168.6.5, password: Test12345}
  - {name: node5, address: 192.168.6.6, internalAddress: 192.168.6.6, password: Test12345}
  roleGroups:
    etcd:
    - node1
    - node2
    - node3
    master:
    - node1
    - node2
    - node3
    worker:
    - node4
    - node5
  controlPlaneEndpoint:
    ##Internal loadbalancer for apiservers
    #internalLoadbalancer: haproxy

    domain: lb.kubesphere.local
    address: "192.168.6.253"
    port: 6443
  kubernetes:
    version: v1.21.5
    clusterName: cluster.local
  network:
    plugin: calico
    kubePodsCIDR: 10.233.64.0/18
    kubeServiceCIDR: 10.233.0.0/18
  registry:
    registryMirrors: []
    insecureRegistries: []
  addons: []
```



谢谢观看