



HIGH AVAILABILITY

High Availability

Non-Collocated Databases

Using an external cluster of etcd allows for less interruption should a node fail. Creating a cluster in this manner requires a lot more equipment to properly spread out services and takes more work to configure.

The external etcd cluster needs to be configured first. The **kubeadm** command has options to configure this cluster, or other options are available. Once the etcd cluster is running, the certificates need to be manually copied to the intended first control plane node.

The **kubeadm-config.yaml** file needs to be populated with the etcd set to external, endpoints, and the certificate locations. Once the first control plane is fully initialized, the redundant control planes need to be added one at a time, each fully initialized before the next is added.