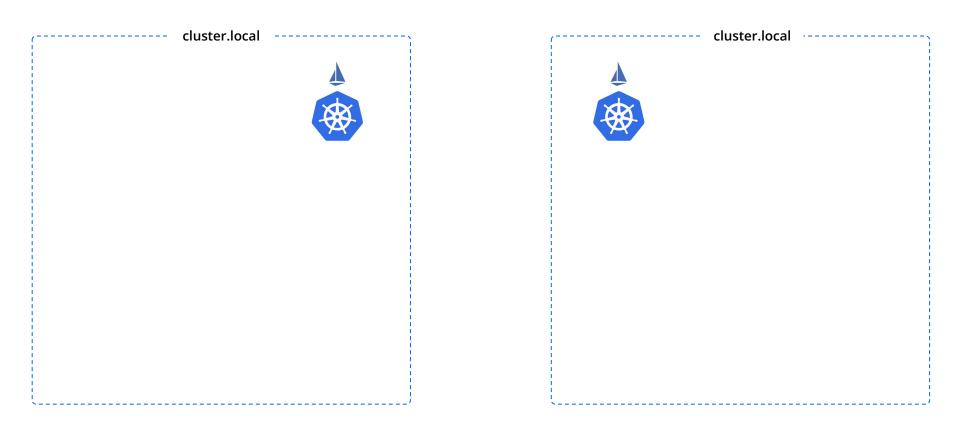
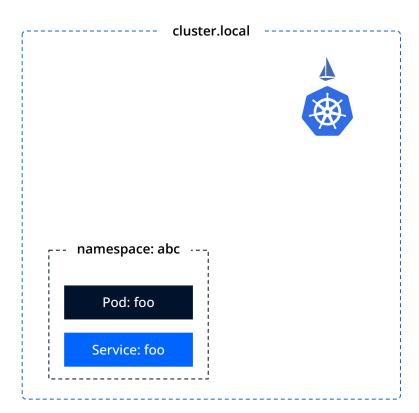
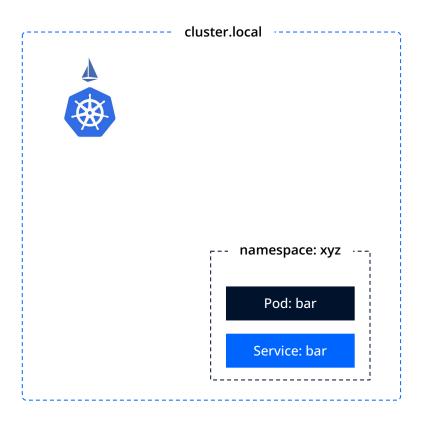
## Istio

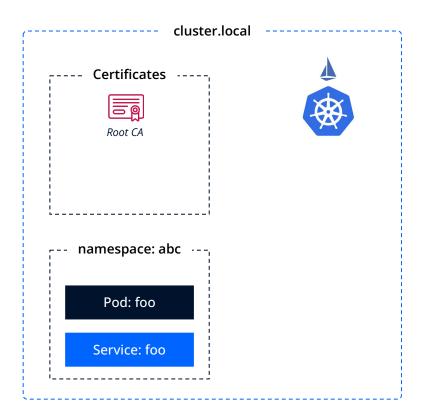
Multicluster
Common principles

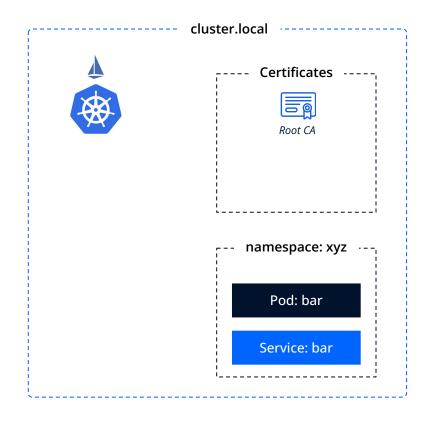




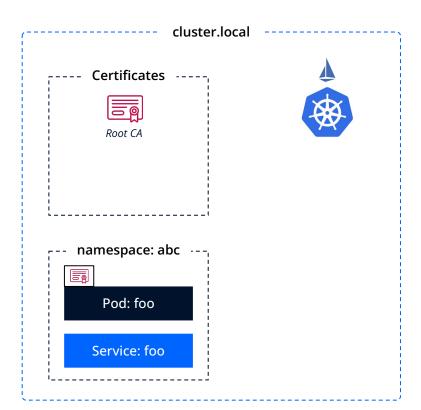


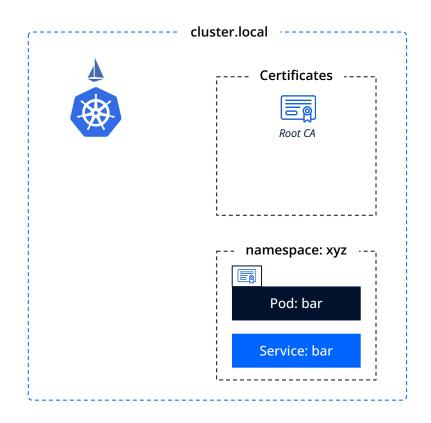


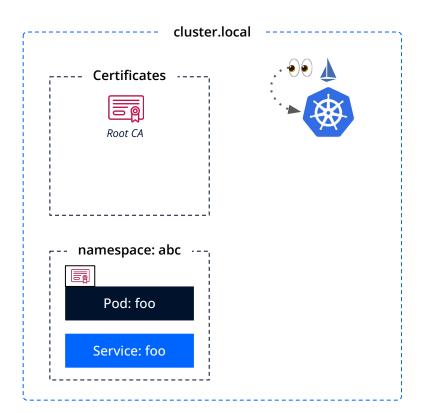


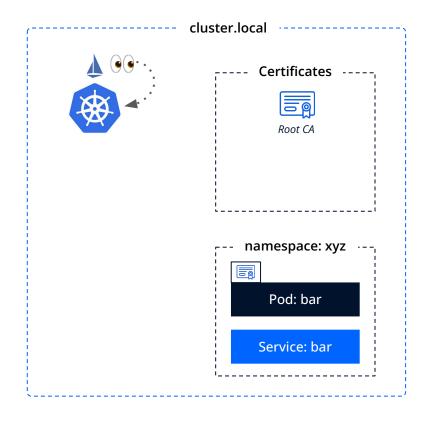


Each cluster has a trusted certificate repository that contains a single root certificate of the cluster.

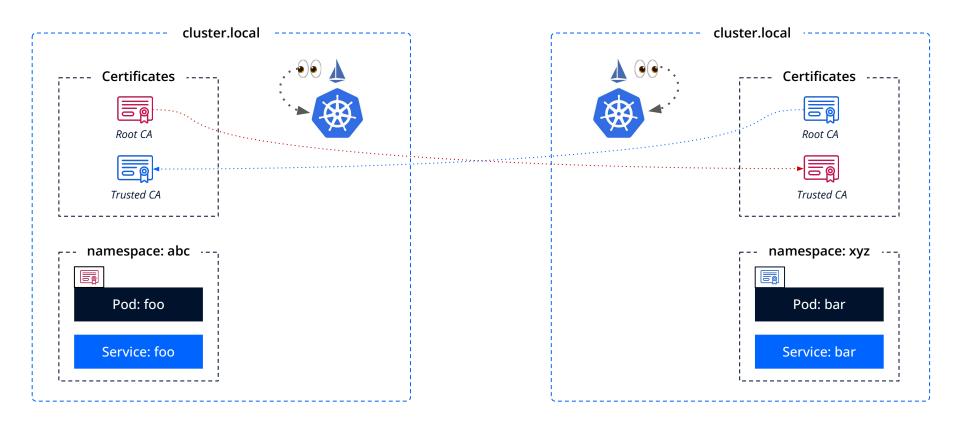




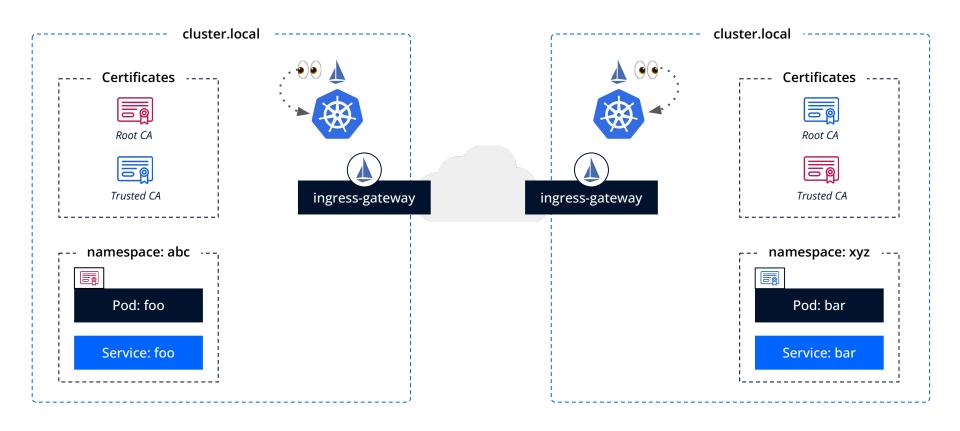




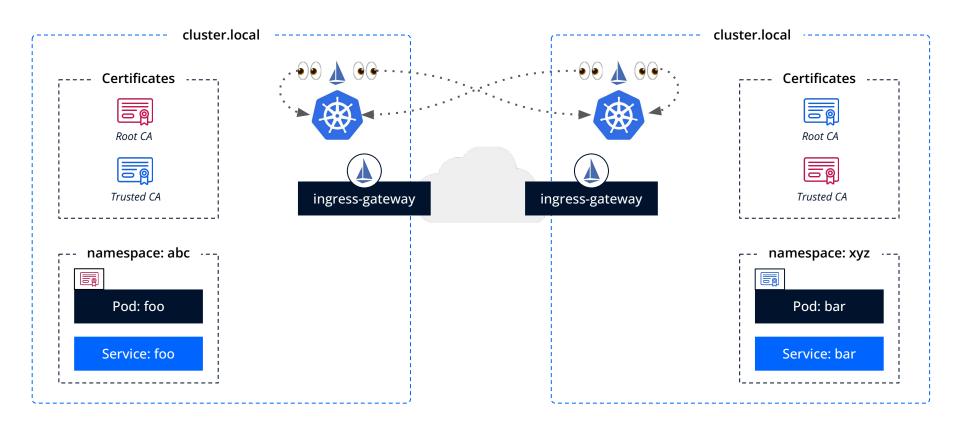
The Istio control plane communicates with the local kube-apiserver to collect information about the services, their addresses and status; the collected information is then aggregated and sent to the application sidecars.



These two clusters must mutually exchange root certificates and put them in the trusted certificate repository to establish mutual trust.



An ingress gateway is used to exchange traffic between Pods from different clusters. It enables receiving Mutual TLS requests from neighboring trusted clusters.



The Istio control plane connects to the remote kube-apiserver to collect information about the services running on the remote cluster.

