

Linkerd Cheatsheet

Installation & Setup

Check prerequisites

linkerd check --pre

Install Linkerd control plane

linkerd install | kubectl apply -f -

Verify installation

linkerd check

Upgrade Linkerd

linkerd upgrade | kubectl apply -f -

Mesh Injection

Inject proxy into existing resources

kubectl get deploy -o yaml | linkerd inject - | kubectl apply -f -

Inject proxy on new deployment

linkerd inject deployment.yaml | kubectl apply -f -

Annotate namespace for auto-injection

kubectl annotate namespace <namespace> linkerd.io/inject=enabled

Status & Diagnostics

Check all components health

linkerd check

Show mesh version

linkerd version

Debug connection issues

linkerd diagnostics <resource>

Show proxy stats

linkerd stat <resource>

Show top routes

linkerd top <resource>

Traffic Management

View service routes

linkerd routes <service>

Check tap live requests

linkerd tap <resource>

Visualize traffic flow

linkerd viz dashboard

Service Profiles

Generate service profile

linkerd profile -n <namespace> <service> > profile.yaml

Apply service profile

kubectl apply -f profile.yaml

Viz Dashboard

Open dashboard

linkerd viz dashboard

Install viz extension

linkerd viz install | kubectl apply -f -

Check viz extension

linkerd viz check

Multi-cluster

Link clusters

linkerd multicluster link --cluster-name <target> | kubectl apply -f -

Check multi-cluster status

linkerd multicluster check

List linked clusters

linkerd multicluster gateways