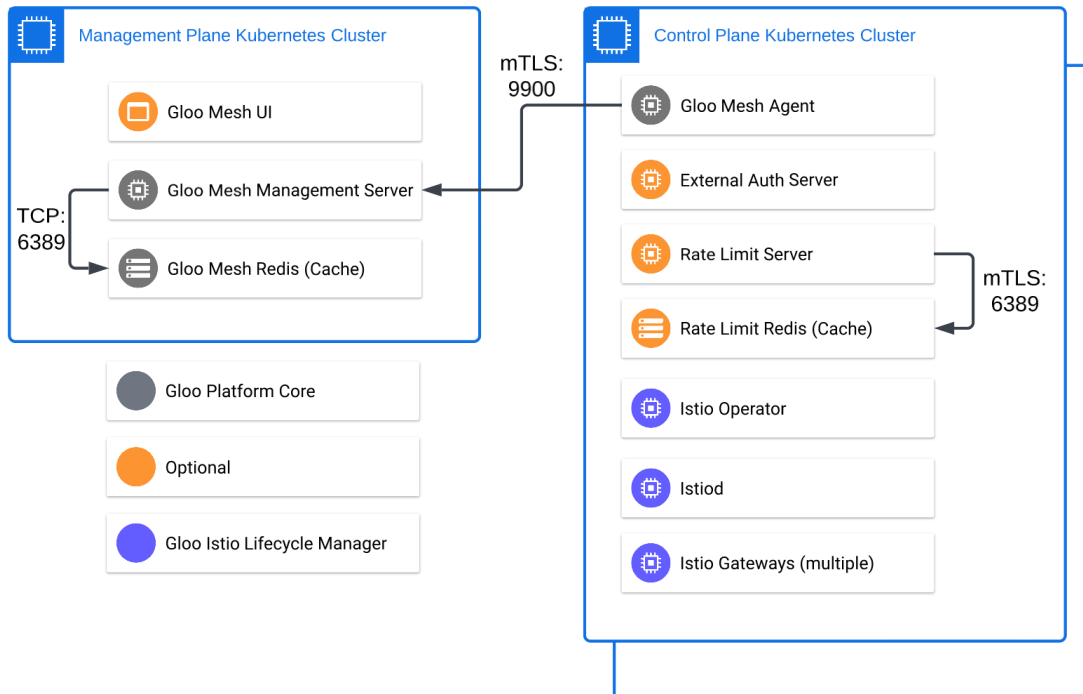


Lab 04 - Deploy Gloo Platform Addons

The Gloo Platform Addons are extensions that help enable certain features that are offered within. The Gloo Platform addons contain a set of applications and cache to enable rate limiting.



- Create the Gloo Platform Addons namespace

```
kubectl apply --context cluster-1 -f data/namespaces.yaml
```

- Install Gloo Platform Addon applications in cluster-1

```
helm upgrade -i gloo-platform-addons gloo-platform/gloo-platform \
  --namespace gloo-platform-addons \
  --kube-context=cluster-1 \
  --version 2.3.9 \
  -f data/gloo-platform-addons.yaml
```

- Verify pods are up and running

```
kubectl get pods -n gloo-platform-addons --context cluster-1
```

- Register the external authorization server with Gloo Platform

```
kubectl create namespace ops-team --context management
kubectl apply --context management -f - <<EOF
apiVersion: admin.gloo.solo.io/v2
```

```
kind: ExtAuthServer
metadata:
  name: ext-auth-server
  namespace: ops-team
spec:
  destinationServer:
    kind: VIRTUAL_DESTINATION
    port:
      number: 8083
    ref:
      cluster: management
      name: ext-auth-server-vd
      namespace: ops-team
---
apiVersion: networking.gloo.solo.io/v2
kind: VirtualDestination
metadata:
  name: ext-auth-server-vd
  namespace: ops-team
spec:
  hosts:
    - extauth.vdest.solo.io
  ports:
    - number: 8083
      protocol: TCP
  services:
    - cluster: "cluster-1"
      name: ext-auth-service
      namespace: gloo-platform-addons
EOF
```