

DESCRIPTION

Physical Network and VLANs

VLAN 1532 - vMotion (172.16.1.0/25)

VLAN 1533 - VSAN (172.16.2.0/24)

VLAN 1534 - TEP (172.16.0.0/24)

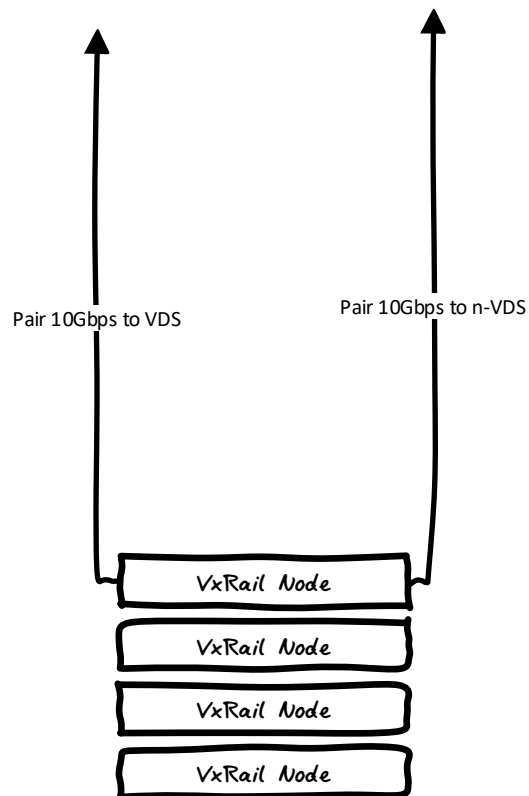
VLAN 1535 - Uplink/Extra (10.193.39.0/24 10.193.39.1/29 for uplink)

VLAN 1536 - Edge TEP (172.16.3.0/24)

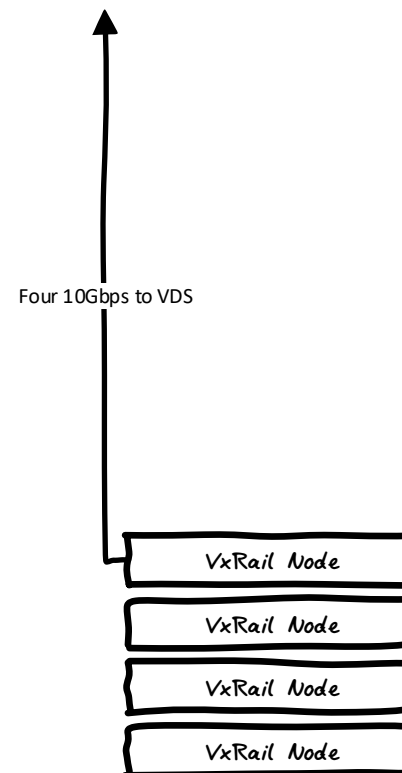
VLAN 1537 - TKGS-NoNSX (10.193.37.0/24)

Native VLAN - MGMT/VxRail/Vcenter Server (10.193.38.0/24)

Today



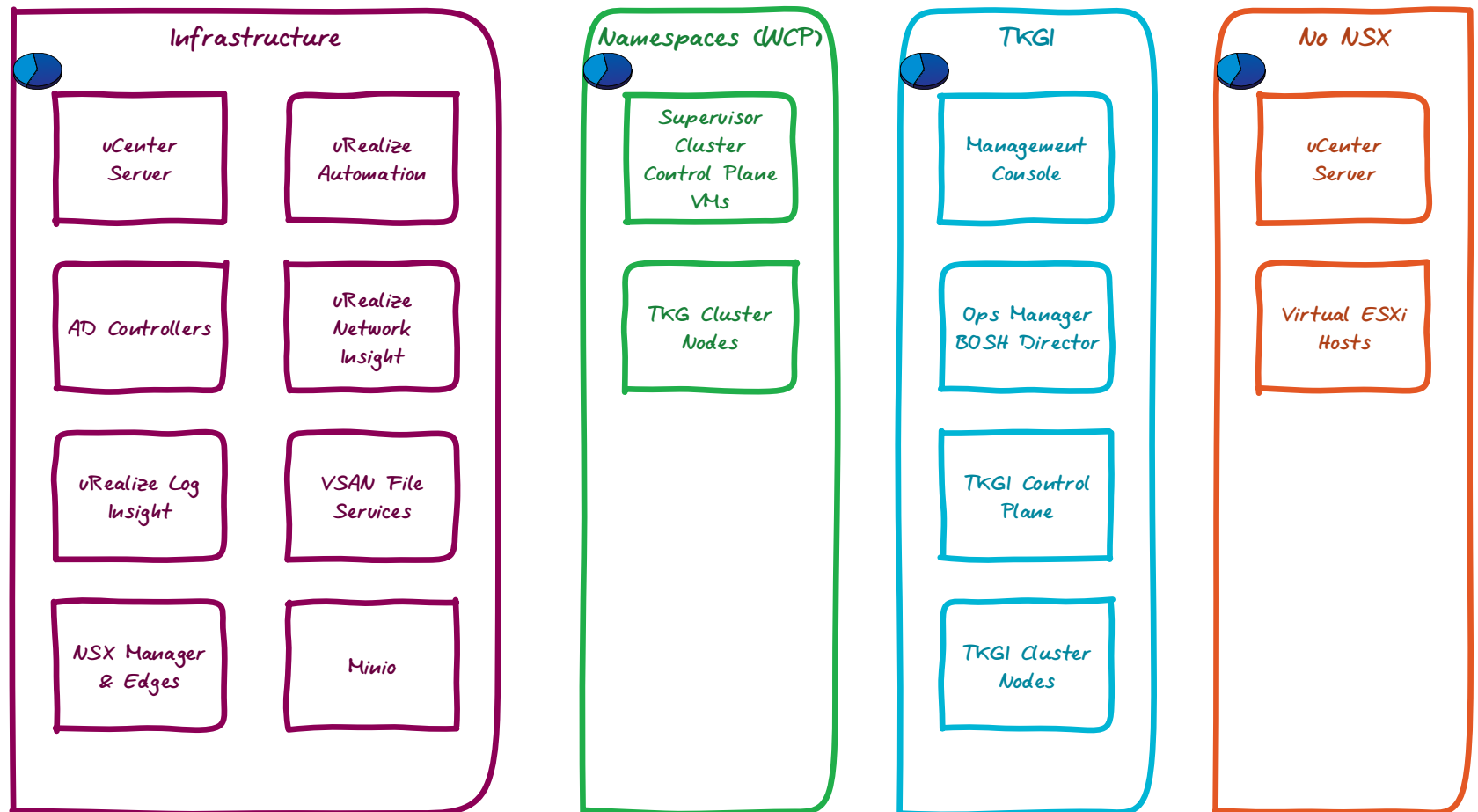
Converged

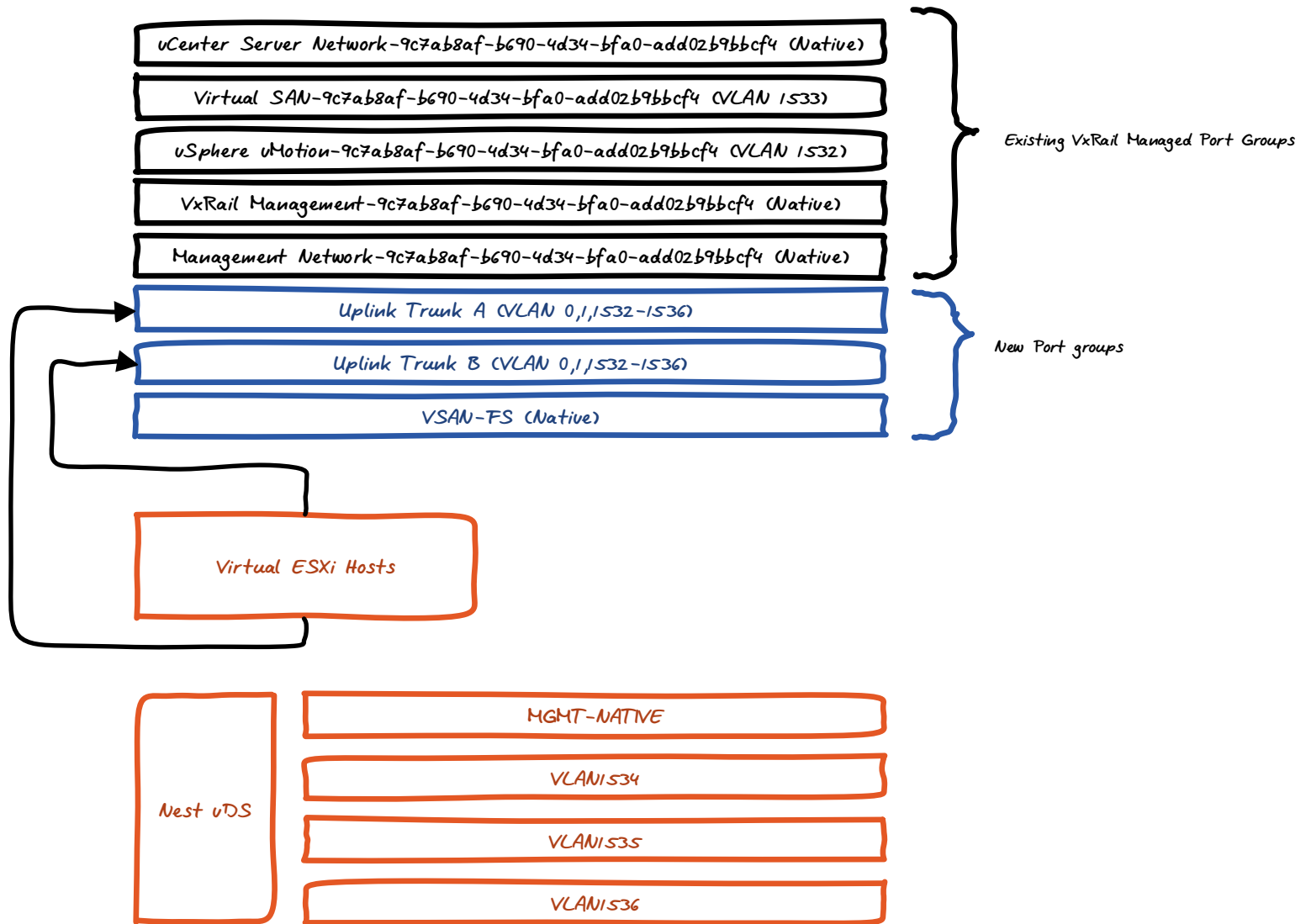


DESCRIPTION

vSphere Objects (Clusters,
Resource Pools, VM groups)

vmware® vSphere Cluster



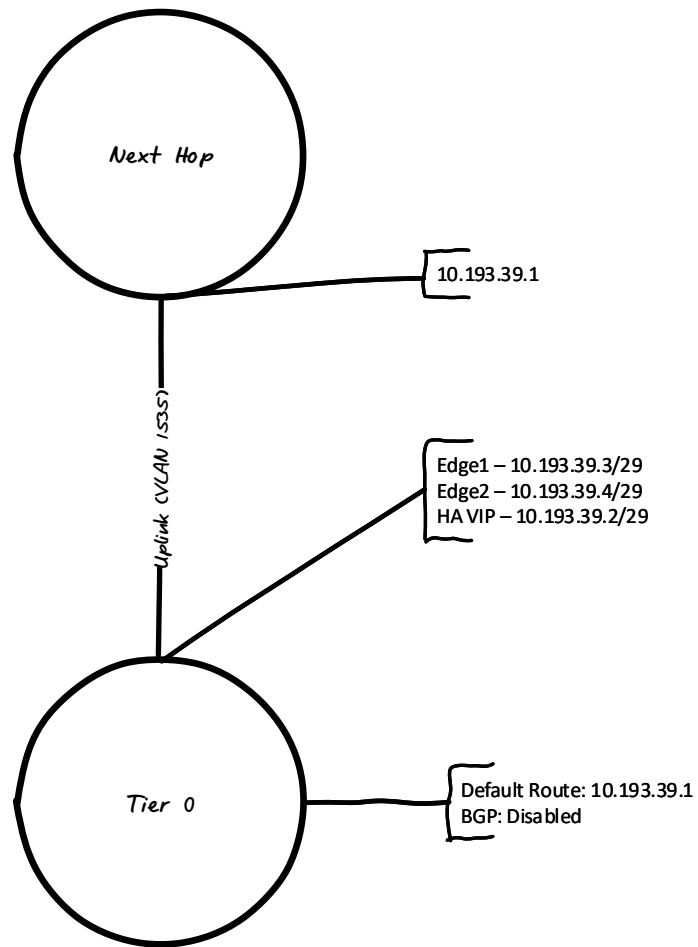


DESCRIPTION

Existing NSX-T Config

TEP Pool: 172.16.0.21-172.16.0.31 CIDR: 172.16.0.0/24

External IP Pool: 10.193.39.20-10.193.39.240 CIDR: 10.193.39.0/24



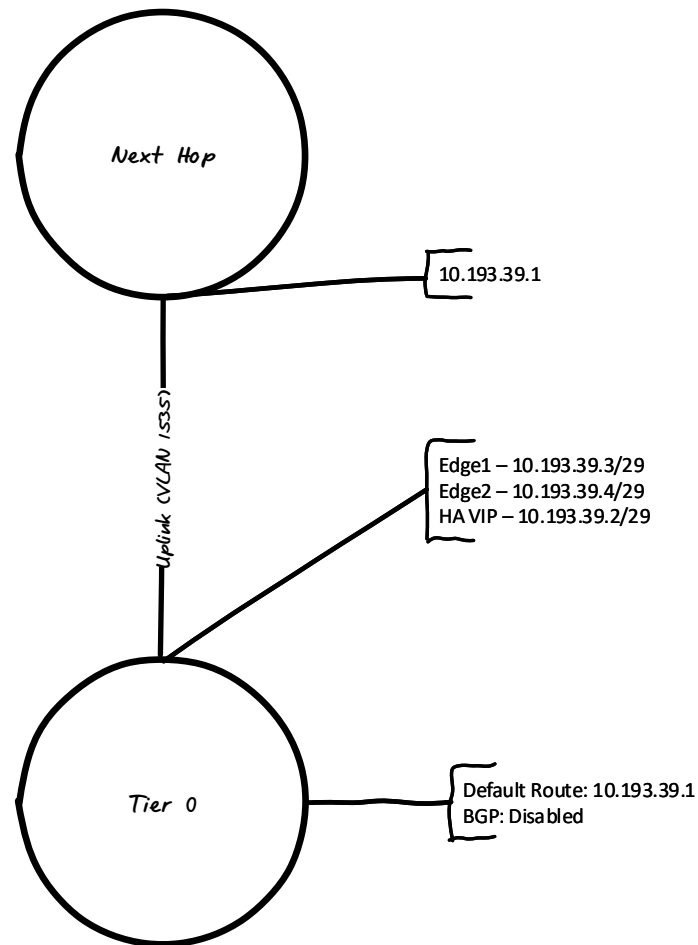
DESCRIPTION

NEW NSX-T Config

Host TEP Pool: 172.16.0.21-172.16.0.31 CIDR: 172.16.0.0/24 GW: 172.26.0.1
Edge TEP Pool: 172.16.3.21-172.16.3.31 CIDR: 172.16.3.0/24 GW 172.16.3.1

Ingress CIDR: 10.193.39.32/27 10.193.39.33-62
Egress CIDR: 10.193.39.64/27 10.193.39.65-94

TKGI NAT Pool: 10.193.39.128/26 10.193.39.129-190
Reserved: 10.193.39.192/26 10.193.39.193-254



vSphere with Tanzu

Supervisor Cluster
With NSX-T

Workload

Tanzu-1



Demo

Demo
Clusters

Shared Services

Service-1



Monitoring

Supervisor Cluster
With HAProxy

Workload

Tanzu-3



Demo

Demo
Clusters

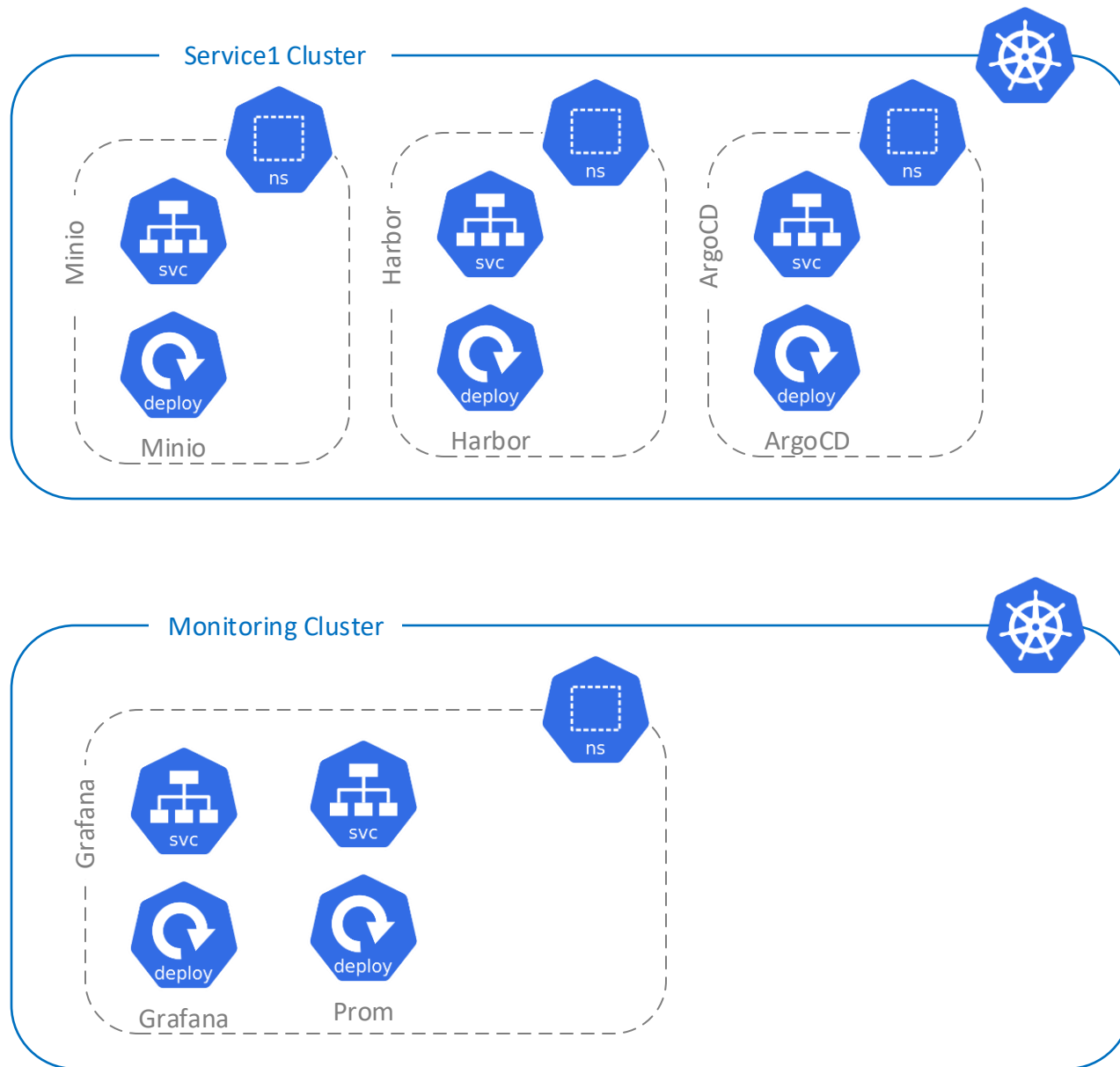
TKGI

TKGI-WS1



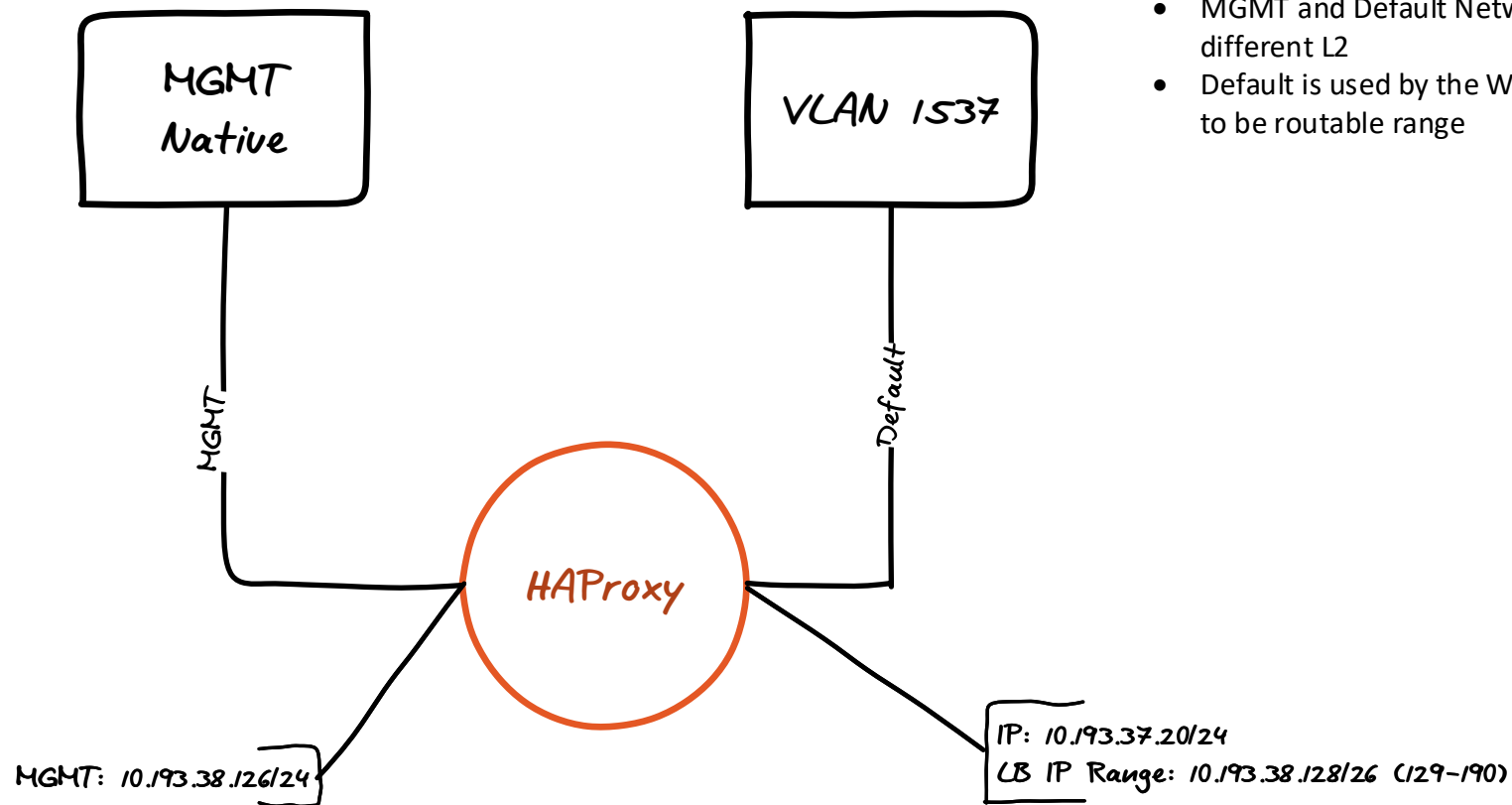
TKGI-WS2

Demo
Clusters



DESCRIPTION

HA Proxy



- MGMT and Default Networks need to be in different L2
- Default is used by the Workload/LB, so needs to be routable range

HA Proxy:

MGMT: 10.193.38.126/24

WORKLOAD: 10.193.37.20/24

LB: 10.193.37.128/25 (10.193.37.129-10.193.37.254)

WCP:

IP address Range for Virtual Servers: 10.193.37.129-10.193.37.190

Workload Net: 10.193.37.192/26 (10.193.37.193-10.193.37.254)