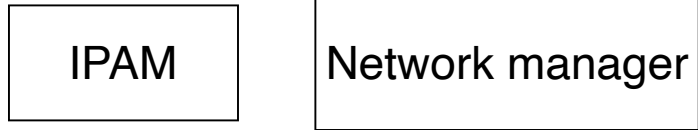


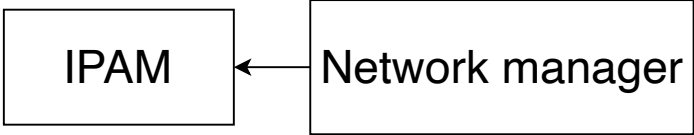
A

1.Network manager receives a NetworkConfig



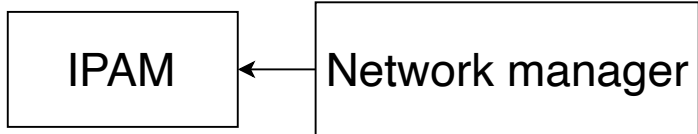
NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

4. IPAM stores ExternalCIDR of the remote cluster



NetworkConfig
Spec + ClusterID: "B" + ExternalCIDR: "172.16.0.0/24"
Status + ExternalCIDRNAT: "None"

2. Reserve ExternalCIDR 192.168.0.0/24 for cluster A



NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

3. Network manager updates the Status of the resource



NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status + ExternalCIDRNAT: "None"

5. Network manager creates TunnelEndpoint resource



TunnelEndpoint
Spec + ClusterID: "B" + ExternalCIDR: "192.168.0.0/24"
Status + LocalExternalCIDR: "172.16.0.0/24" + LocalNATEternalCIDR: "None" + RemoteNATEternalCIDR: "None"

NetworkConfig
Spec + ClusterID: "B" + ExternalCIDR: "172.16.0.0/24"
Status + ExternalCIDRNAT: "None"

NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status + ExternalCIDRNAT: "None"

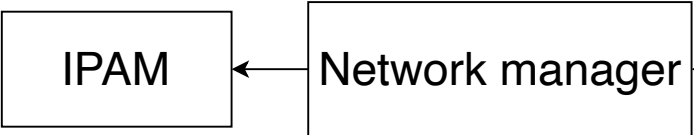
B

1.Network manager receives a NetworkConfig



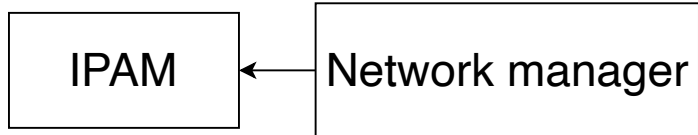
NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

4. IPAM stores ExternalCIDR of the remote cluster



NetworkConfig
Spec + ClusterID: "B" + ExternalCIDR: "172.16.0.0/24"
Status + ExternalCIDRNAT: "None"

2. Reserve ExternalCIDR 192.168.0.0/24 for cluster A



NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

3. Network manager updates the Status of the resource



NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status

NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status + ExternalCIDRNAT: "10.0.0.0/24"

5. Network manager creates TunnelEndpoint resource



TunnelEndpoint
Spec + ClusterID: "B" + ExternalCIDR: "192.168.0.0/24"
Status + LocalExternalCIDR: "172.16.0.0/24" + LocalNATEternalCIDR: "None" + RemoteNATEternalCIDR: "10.0.0/24"

NetworkConfig
Spec + ClusterID: "B" + ExternalCIDR: "172.16.0.0/24"
Status + ExternalCIDRNAT: "None"

NetworkConfig
Spec + ClusterID: "A" + ExternalCIDR: "192.168.0.0/24"
Status + ExternalCIDRNAT: "10.0.0.0/24"