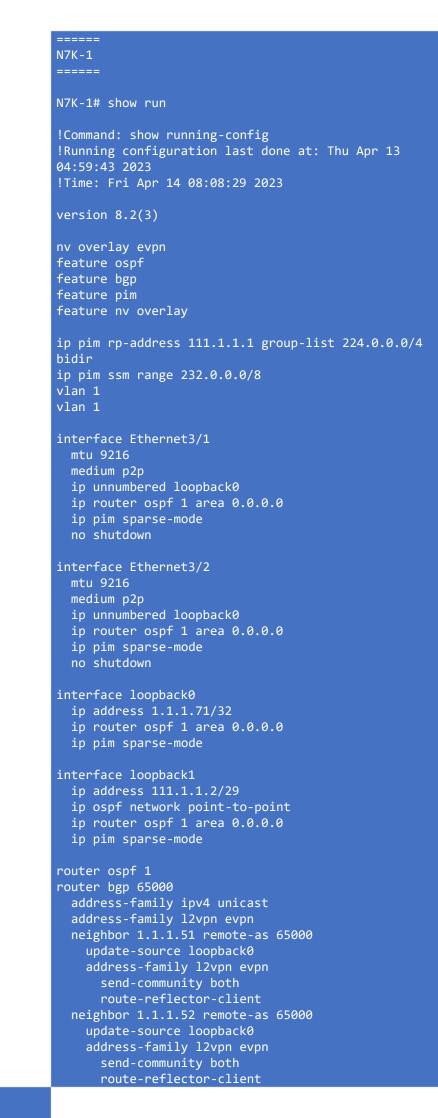
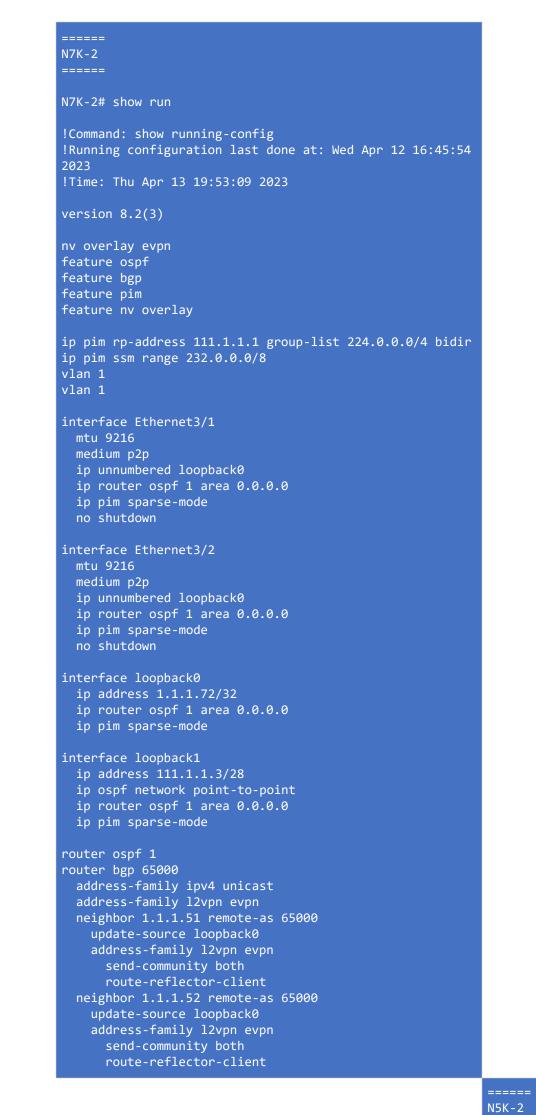
(N9Ks used as hosts)







mcast-group 227.7.7.7 member vni 30030 associate-vrf

medium p2p ip unnumbered loopback0 ip router ospf 1 area 0.0.0.0

medium p2p ip unnumbered loopback0 ip router ospf 1 area 0.0.0.0

channel-group 51 mode active

ip pim sparse-mode

ip pim sparse-mode

nterface Ethernet1/5

nterface Ethernet1/6

switchport mode trunk

nterface Ethernet1/48

switchport mode trunk

interface loopback0
ip address 1.1.1.51/32

ip address 10.1.1.51/32

nterface loopback1

router-id 1.1.1.51

router-id 1.1.1.51

router ospf 1

vrf tn1

vni 10010 l2

rd auto

rd auto

outer bgp 65000

channel-group 54 mode active

ip router ospf 1 area 0.0.0.0 ip pim sparse-mode

ip router ospf 1 area 0.0.0.0 ip pim sparse-mode

ip address 10.1.1.100/32 secondary

neighbor 1.1.1.71 remote-as 65000 update-source loopback0 address-family l2vpn evpn

send-community both
neighbor 1.1.1.72 remote-as 65000
update-source loopback0
address-family l2vpn evpn

send-community both

address-family ipv4 unicast

route-target import auto route-target export auto vni 20020 12

route-target import auto

route-target export auto

pc nve peer-link-vlan 1234

advertise 12vpn evpn redistribute direct route-map PERMIT-TAG

switchport mode trunk

no switchport

mtu 9216

mtu 9216

description Connected to N7009-1 Eth3/1

description Connected to N7009-2 Eth3/1

description Connected to N93180YC-1 Eth1/3

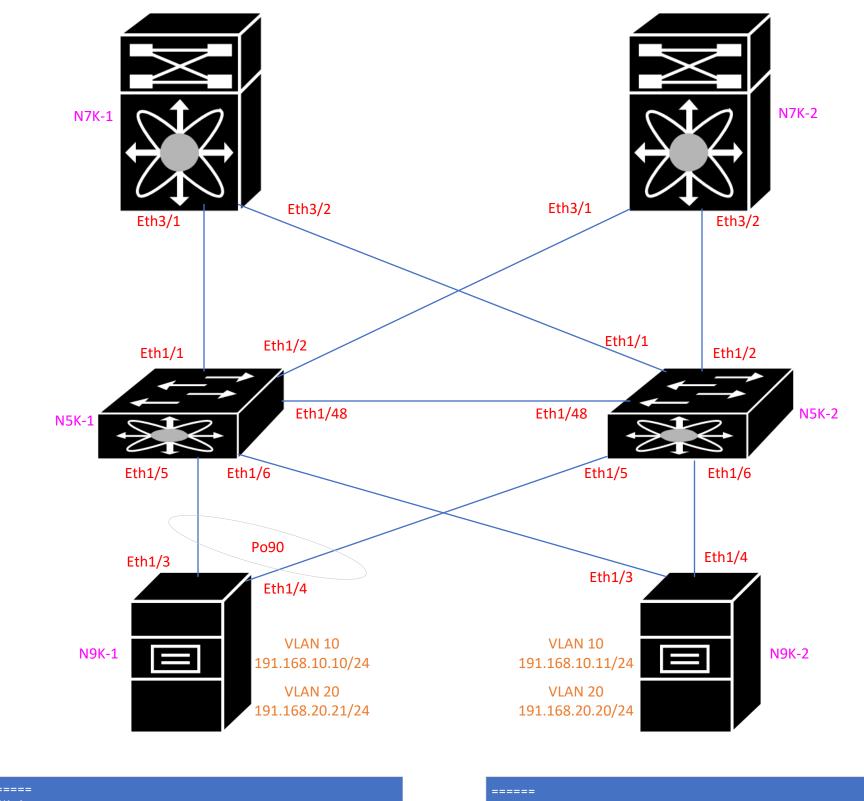
description Connected to N93180YC-2 Eth1/3

description Connected to N5672UP-2 Eth1/48

switchport trunk allowed vlan 10,20,30

switchport

no shutdown



N9K-1# show run N9K-2# show run Command: show running-config Command: show running-config Running configuration last done at: Thu Apr 13 12:50:28 2023 20:23:15 2023 !Time: Thu Apr 13 20:03:32 2023 !Time: Thu Apr 13 20:23:52 2023 version 9.2(3) Bios:version 07.69 version 9.2(3) Bios:version 07.69 feature interface-vlan feature interface-vlan feature lacp p route 0.0.0.0/0 192.168.10.254 ip route 0.0.0.0/0 192.168.10.254 ip route 0.0.0.0/0 192.168.20.254 ip route 0.0.0.0/0 192.168.20.254 vlan 1,10,20 vlan 1,10,20 interface Vlan1 interface Vlan1 interface Vlan10 interface Vlan10 no shutdown no shutdown ip address 192.168.10.11/24 ip address 192.168.10.10/24 interface Vlan20 interface Vlan20 no shutdown ip address 192.168.20.20/24 no shutdown ip address 192.168.20.21/24 .nterface Ethernet1/3 interface port-channel90 switchport switchport mode trunk switchport mode trunk no shutdown interface Ethernet1/3 description Connected to N5672UP-1 Eth1/5 nterface Ethernet1/4 switchport switchport mode trunk switchport channel-group 90 mode active switchport mode trunk no shutdown no shutdown

fabric forwarding anycast-gateway-mac 1234.1234.1234 ip pim rp-address 111.1.1.1 group-list 224.0.0.0/4 ip pim ssm range 232.0.0.0/8 vlan 10 vn-segment 10010 vlan 20 vn-segment 20020 vlan 30 vn-segment 30030 vlan 1234 route-map PERMIT-TAG permit 10 match tag 12345 vrf context tn1 vni 30030 rd auto address-family ipv4 unicast route-target both auto route-target both auto evpn oc domain 5 peer-switch peer-gateway ip arp synchronize interface Vlan10 no shutdown vrf member tn1 no ip redirects no ipv6 redirects nterface Vlan20 no shutdown vrf member tn1 no ip redirects no ipv6 redirects nterface Vlan30 no shutdown vrf member tn1 no ip redirects

> route-target import auto route-target export auto

oc nve peer-link-vlan 1234

N5K-2# show run

version 7.3(5)N1(1)

feature-set fabric

no feature telnet

nv overlay evpn

feature ospf

feature bgp

feature pim

feature lacp

feature vpc

feature lldp

Command: show running-config !Time: Thu Apr 13 19:40:43 2023

install feature-set fabric

feature fabric forwarding

feature interface-vlan

feature vn-segment-vlan-based

feature nv overlay

hardware ethernet store-and-fwd-switching

peer-keepalive destination 10.201.182.133 Running configuration last done at: Thu Apr 13 ip address 192.168.10.254/24 tag 12345 fabric forwarding mode anycast-gateway ip address 192.168.20.254/24 tag 12345 fabric forwarding mode anycast-gateway ip forward no ipv6 redirects nterface Vlan1234 description Connected to N5672UP-1 Eth1/6 no shutdown mtu 9216 no ip redirects ip address 10.53.1.2/24 no ipv6 redirects ip ospf cost 10 description Connected to N5672UP-2 Eth1/6 ip ospf network point-to-point ip router ospf 1 area 0.0.0.0 ip pim sparse-mode nterface port-channel52 nterface Ethernet1/4 switchport mode trunk description Connected to N5672UP-2 Eth1/5 switchport trunk allowed vlan 10,20,30 speed 10000 switchport mode trunk vpc 53 channel-group 90 mode active .nterface port-channel54 switchport mode trunk spanning-tree port type network speed 10000 vpc peer-link nterface nve1 no shutdown source-interface loopback1 host-reachability protocol bgp member vni 10010 mcast-group 225.5.5.5 member vni 20020 mcast-group 227.7.7.7 member vni 30030 associate-vrf nterface Ethernet1/1 description Connected to N7009-1 Eth3/2 no switchport mtu 9216 medium p2p ip unnumbered loopback0 ip router ospf 1 area 0.0.0.0 ip pim sparse-mode interface Ethernet1/2 description Connected to N7009-2 Eth3/2 no switchport mtu 9216 medium p2p ip unnumbered loopback0 ip router ospf 1 area 0.0.0.0 ip pim sparse-mode nterface Ethernet1/5 description Connected to N93180YC-1 Eth1/4 switchport mode trunk switchport trunk allowed vlan 10,20,30 channel-group 52 mode active nterface Ethernet1/6 description Connected to N93180YC-2 Eth1/4 switchport mode trunk switchport trunk allowed vlan 10,20,30 nterface Ethernet1/48 description Connected to N5672UP-1 Eth1/48 switchport mode trunk channel-group 54 mode active nterface loopback0 ip address 1.1.1.52/32 ip router ospf 1 area 0.0.0.0 ip pim sparse-mode interface loopback1 ip address 10.1.1.52/32 ip address 10.1.1.100/32 secondary ip router ospf 1 area 0.0.0.0 ip pim sparse-mode router ospf 1 router-id 1.1.1.52 router bgp 65000 router-id 1.1.1.52 neighbor 1.1.1.71 remote-as 65000 update-source loopback0 address-family 12vpn evpn send-community both neighbor 1.1.1.72 remote-as 65000 update-source loopback0 address-family 12vpn evpn send-community both vrf tn1 address-family ipv4 unicast advertise l2vpn evpn redistribute direct route-map PERMIT-TAG vni 10010 l2 rd auto route-target import auto route-target export auto vni 20020 12 rd auto