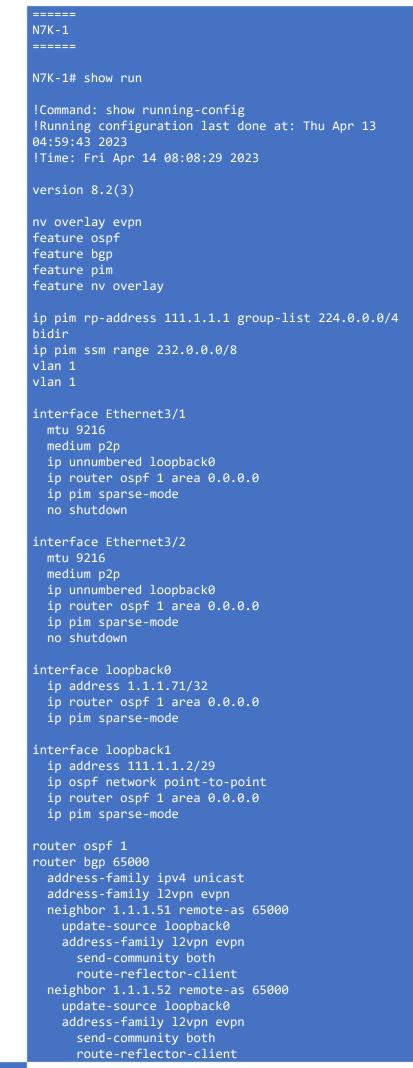
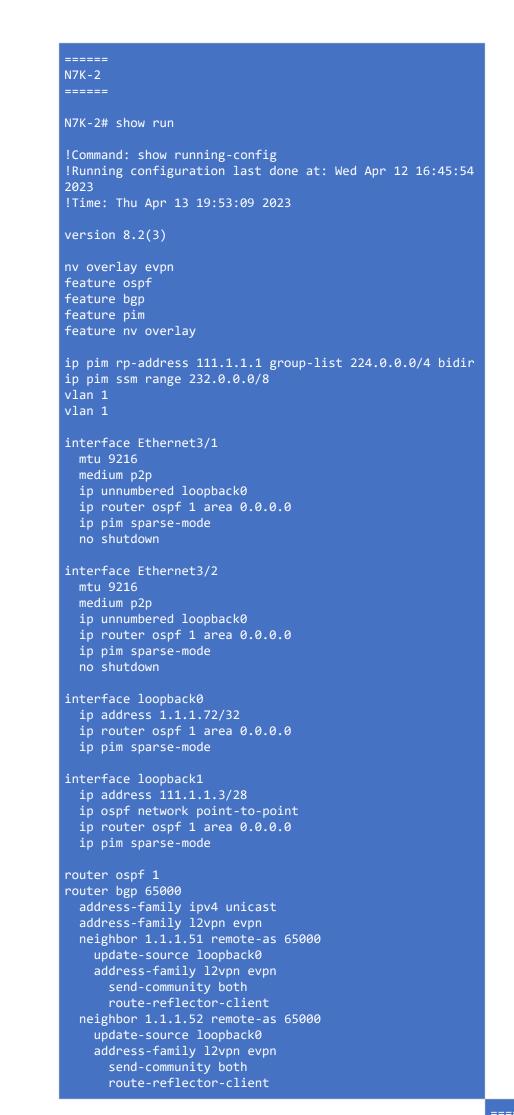
(N9Ks used as hosts)







member vni 20020

nterface Ethernet1/1

ip unnumbered loopback0

ip unnumbered loopback0

ip pim sparse-mode

interface Ethernet1/5

switchport mode trunk

nterface Ethernet1/48

switchport mode trunk

ip address 1.1.1.51/32

ip address 10.1.1.51/32

interface loopback0

ip pim sparse-mode

ip pim sparse-mode

router-id 1.1.1.51 router bgp 65000

router-id 1.1.1.51

router ospf 1

vrf tn1

vni 10010 l2

vni 20020 12

rd auto

rd auto

interface loopback1

ip router ospf 1 area 0.0.0.0

channel-group 51 mode active

channel-group 54 mode active

ip router ospf 1 area 0.0.0.0

ip router ospf 1 area 0.0.0.0

ip address 10.1.1.100/32 secondary

neighbor 1.1.1.71 remote-as 65000 update-source loopback0

neighbor 1.1.1.72 remote-as 65000

address-family l2vpn evpn

send-community both

update-source loopback0

send-community both

address-family l2vpn evpn

advertise l2vpn evpn

route-target import auto

route-target export auto

route-target import auto

route-target export auto

pc nve peer-link-vlan 1234

address-family ipv4 unicast

redistribute direct route-map PERMIT-TAG

ip pim sparse-mode

interface Ethernet1/2

no switchport

mtu 9216

medium p2p

ip router ospf 1 area 0.0.0.0

no switchport

mtu 9216

medium p2p

mcast-group 227.7.7.7
member vni 30030 associate-vrf

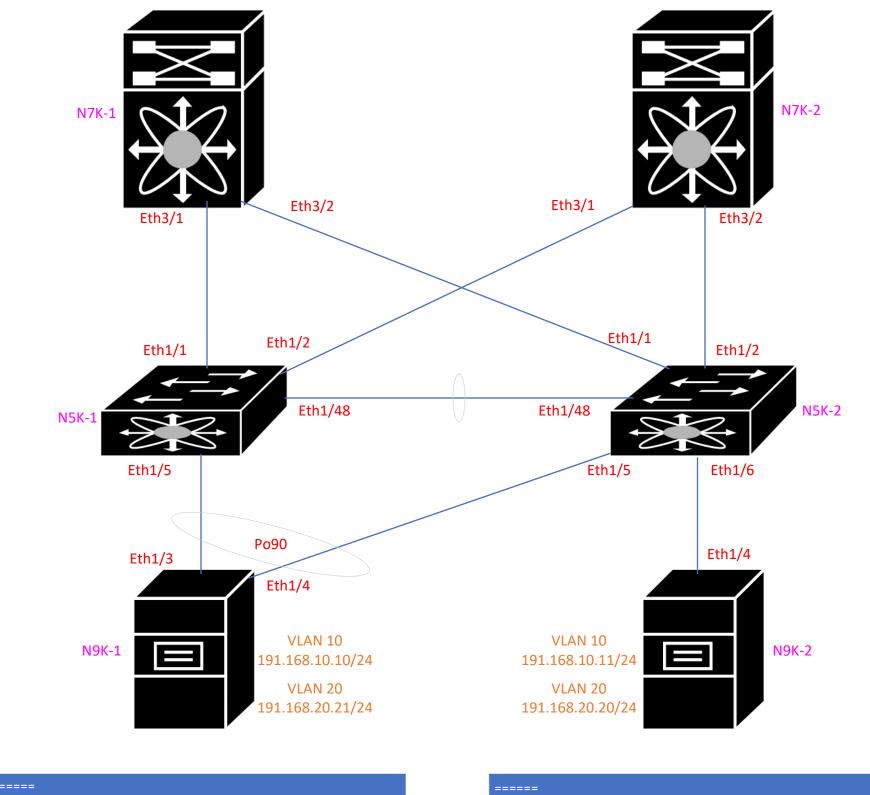
description Connected to N7009-1 Eth3/1

description Connected to N7009-2 Eth3/1

description Connected to N93180YC-1 Eth1/3

description Connected to N5672UP-2 Eth1/48

switchport trunk allowed vlan 10,20,30



N9K-1# show run N9K-2# show run Command: show running-config Command: show running-config Running configuration last done at: Thu Apr 13 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 ip address 192.168.10.11/24 no shutdown ip address 192.168.10.10/24 interface Vlan20 interface Vlan20 no shutdown no shutdown ip address 192.168.20.20/24 ip address 192.168.20.21/24 .nterface Ethernet1/3 interface port-channel90 description Connected to N5672UP-1 Eth1/6 switchport switchport mode trunk switchport mode trunk no shutdown interface Ethernet1/3 description Connected to N5672UP-1 Eth1/5 nterface Ethernet1/4 switchport description Connected to N5672UP-2 Eth1/6 switchport mode trunk switchport channel-group 90 mode active switchport mode trunk no shutdown no shutdown

nterface Ethernet1/4

switchport mode trunk

channel-group 90 mode active

switchport

no shutdown

description Connected to N5672UP-2 Eth1/5

feature lldp feature nv overlay feature vn-segment-vlan-based 1234.1234.1234 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 ip forward no ipv6 redirects

N5K-2

N5K-2# show run

version 7.3(5)N1(1)

feature-set fabric

no feature telnet

nv overlay evpn

Command: show running-config

!Time: Thu Apr 13 19:40:43 2023

install feature-set fabric

feature fabric forwarding

hardware ethernet store-and-fwd-switching

feature ospf feature bgp feature pim feature interface-vlan feature lacp feature vpc fabric forwarding anycast-gateway-mac ip pim rp-address 111.1.1.1 group-list 224.0.0.0/4 peer-keepalive destination 10.201.182.133 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 nterface Vlan1234 no shutdown mtu 9216 no ip redirects ip address 10.53.1.2/24 no ipv6 redirects ip ospf cost 10 ip ospf network point-to-point ip router ospf 1 area 0.0.0.0 ip pim sparse-mode nterface port-channel52 switchport mode trunk switchport trunk allowed vlan 10,20,30 speed 10000 vpc 53 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

vni 20020 12

rd auto

route-target import auto

route-target export auto

route-target import auto

route-target export auto

oc nve peer-link-vlan 1234