

N5K/7K VXLAN

vPC LAB

(N9Ks used as hosts)

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N7K-2
*****

switch-N7K-2# show run

[Command: show running-config
Running configuration last done at: Wed Apr 12 16:45:54
2023
Time: Thu Apr 13 19:53:09 2023

version 8.2(3)
hostname N7K-2

nv overlay evpn
feature ospf
feature bgp
feature pin
feature nv overlay

ip pin rp-address 111.1.1.1 group-list 224.0.0.0/4 bidir
ip pin sm-range 232.0.0.0/8
vian 1
vian 1

interface Ethernet3/1
mtu 9216
medium p2p
ip unnumbered loopback0
ip router ospf 1 area 0.0.0.0
ip pin sparse-mode
no shutdown

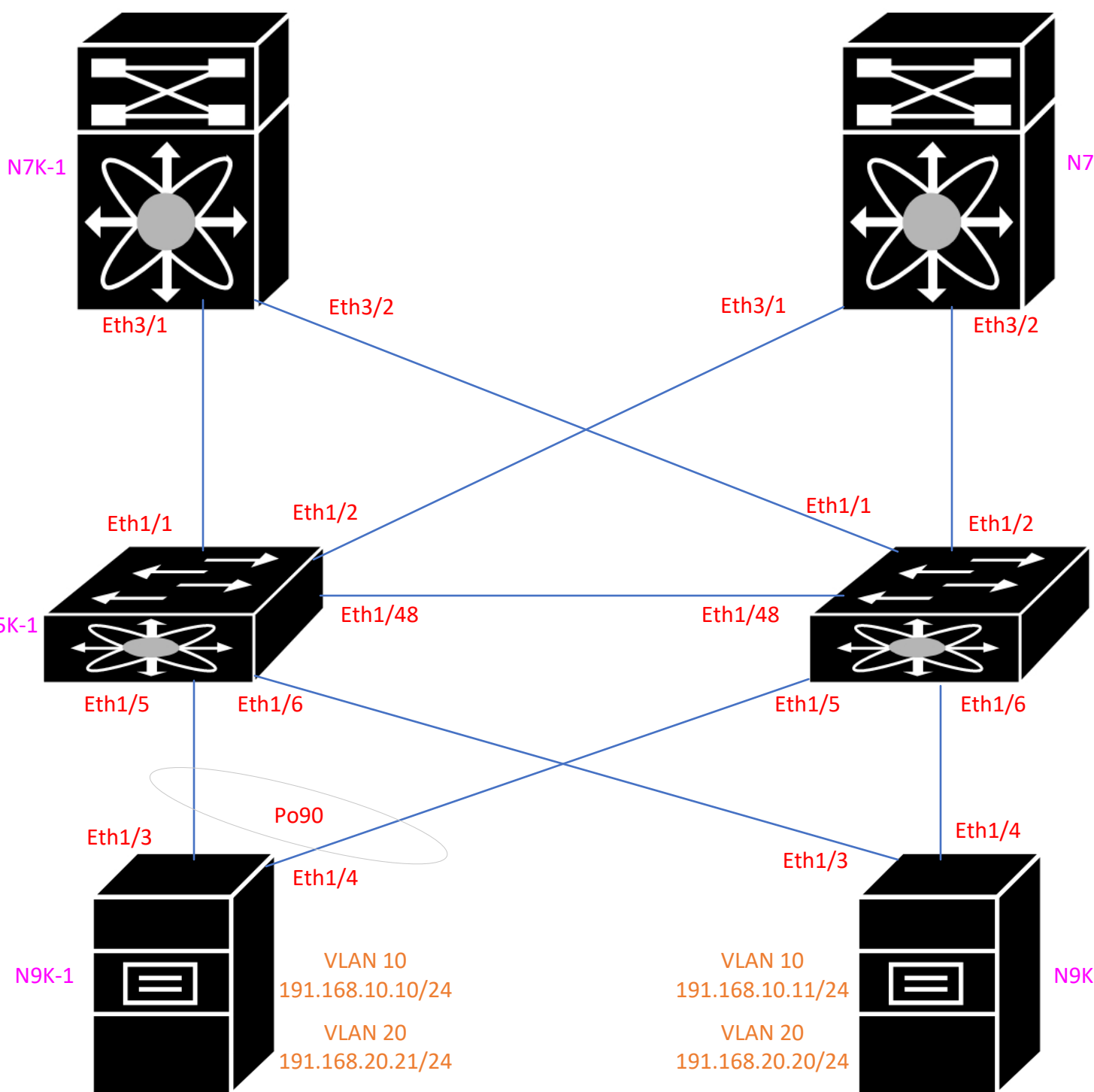
interface Ethernet3/2
mtu 9216
medium p2p
ip unnumbered loopback0
ip router ospf 1 area 0.0.0.0
ip pin sparse-mode
no shutdown

interface loopback0
ip address 1.1.1.72/32
ip router ospf 1 area 0.0.0.0
ip pin sparse-mode

interface loopback1
ip address 111.1.1.3/28
ip ospf network point-to-point
ip router ospf 1 area 0.0.0.0
ip pin sparse-mode

router ospf 1
router bgp 65000
address-family ipv4 unicast
neighbor 1.1.1.51 remote-as 65000
update-source loopback0
address-family 12vpn evpn
send-community both
route-reflector-client
neighbor 1.1.1.52 remote-as 65000
update-source loopback0
address-family 12vpn evpn
send-community both
route-reflector-client

```



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=====
NOK-1
=====

N9318BYC-1# show run

[Comman] show running-config
[Running configuration last done at: Thu Apr 13
12:50:00]
[Time: Tue Apr 13 20:03:32 2023]

version 9.2(3) Biosversion 07.69
hostname 513C-A-14-N9318BYC-1

feature interface-vlan
feature lisp

ip route 0.0.0.0/0 192.168.10.254
ip route 0.0.0.0/0 192.168.20.254

vlan 1,10,20

interface Vlan1

interface Vlan10
no shutdown
ip address 192.168.10.10/24

interface Vlan20
no shutdown
ip address 192.168.20.21/24

interface port-channel90
switchport
switchport mode trunk

interface Ethernet1/3
description Connected to N5672P-1 Eth1/5
switchport
switchport mode trunk
channel-group 90 mode active
no shutdown

interface Ethernet1/4
description Connected to N5672P-2 Eth1/5
switchport
switchport mode trunk
channel-group 90 mode active
no shutdown
```

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#
N93180VC-2# show run

!
[Comand: show running-config]
N93180VC-2#
2023/15/2023
!Tme: Thu Apr 13 20:23:15 2023

version 9.2(3) Bios/version 07.69
hostname S13E-A-14-N93180VC-2

feature interface-vlan

ip route 0.0.0.0/0 192.168.10.254
ip route 0.0.0.0/0 192.168.20.254

vlan 1,10,20

interface Vlan1
 no shutdown
 ip address 192.168.10.11/24

interface Vlan20
 no shutdown
 ip address 192.168.20.20/24

interface Ethernet1/3
 description Connected to N56720U-1 Eth1/6
 switchport
 switchport mode trunk
 no shutdown

interface Ethernet1/4
 description Connected to N56720U-2 Eth1/6
 switchport
 switchport mode trunk
 no shutdown

```