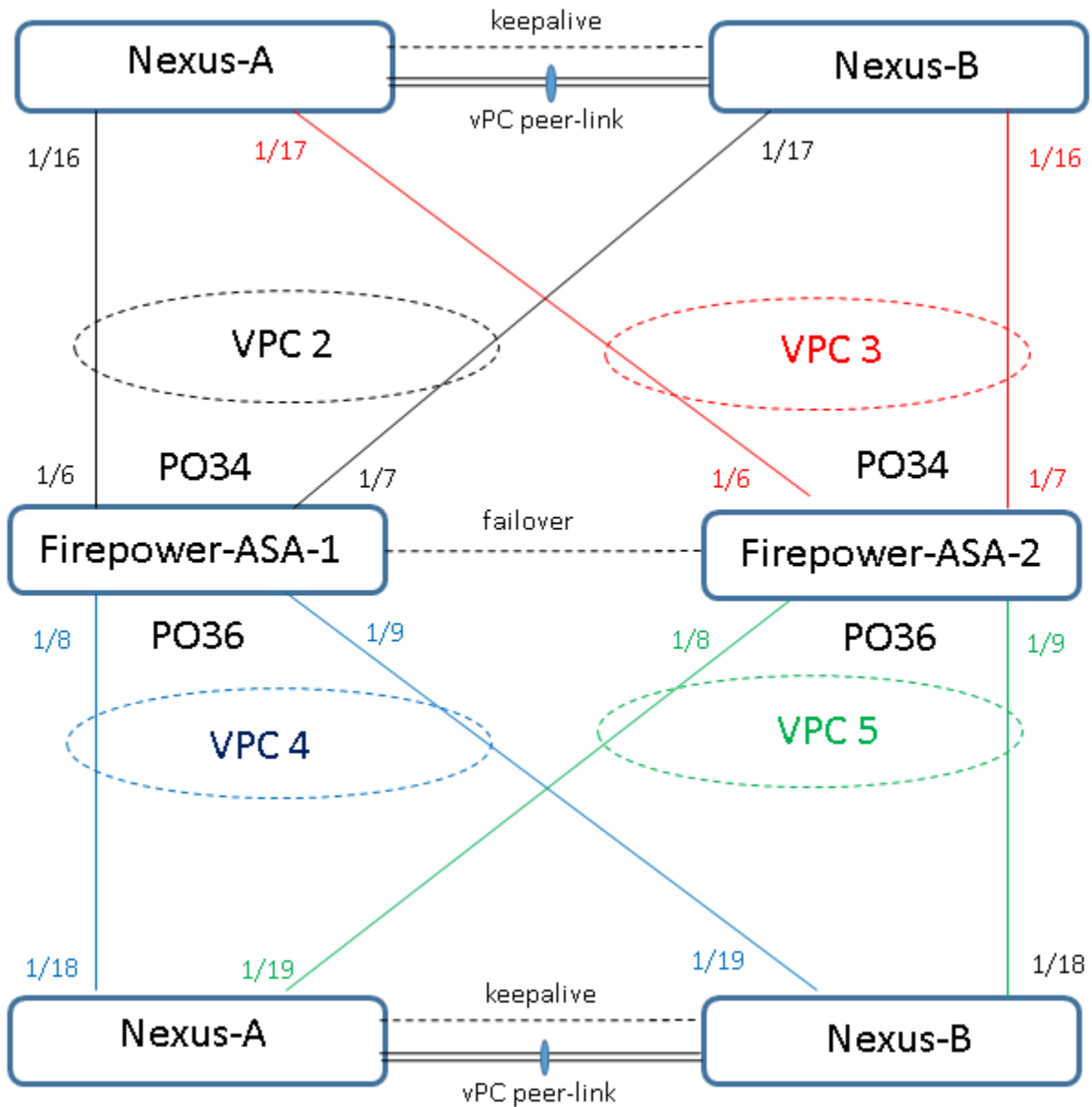


DIAGRAMMA DI RETE



CONFIGURAZIONI LACP / vPC



FIREPOWER LACP:

FIREPOWER-1	FIREPOWER-2
<pre> firepower-1 /eth-uplink/fabric # show configuration scope fabric a enter port-channel 34 enable enter member-port 1 6 enable exit enter member-port 1 7 enable exit set auto-negotiation no set descr TO-NEXUS-A set duplex full duplex set flow-control-policy default set lacp-mode active set lacp-policy-name default set port-type data set speed 1gbps exit enter port-channel 36 enable enter member-port 1 8 enable exit enter member-port 1 9 enable exit set auto-negotiation no set descr TO-NEXUS-B set duplex full duplex set flow-control-policy default set lacp-mode active set lacp-policy-name default set port-type data set speed 1gbps exit </pre>	<pre> firepower-2 /eth-uplink/fabric # show configuration scope fabric a enter port-channel 34 enable enter member-port 1 6 enable exit enter member-port 1 7 enable exit set auto-negotiation no set descr TO-NEXUS-A set duplex full duplex set flow-control-policy default set lacp-mode active set lacp-policy-name default set port-type data set speed 1gbps exit enter port-channel 36 enable enter member-port 1 8 enable exit enter member-port 1 9 enable exit set auto-negotiation no set descr TO-NEXUS-B set duplex full duplex set flow-control-policy default set lacp-mode active set lacp-policy-name default set port-type data set speed 1gbps exit </pre>

Tabella1: configurazione LACP lato Firepower

MODULO ASA:

MODULO ASA CLUSTER ACTIVE-STANDBY

```
interface port-channel34
description TO-NEXUS-A
no nameif
no ip address
!
interface port-channel34.x
description L3-outside
vlan x
nameif outside
security-level 0
ip address a.b.c.d 255.255.255.0 standby a.b.c.f
!
interface port-channel36
description TO-NEXUS-B
no nameif
no ip address
!
interface port-channel36.y
description L3-inside
vlan y
nameif inside
security-level 100
ip address r.s.t.v 255.255.255.0 standby r.s.t.z
!
interface Ethernet 1/6
description TO-NEXUS-A-eth1/16-P034
security-level 0
!
interface Ethernet 1/7
description TO-NEXUS-B-eth1/17-P034
security-level 0
!
interface Ethernet 1/8
description TO-NEXUS-A-eth1/18-P036
security-level 100
!
interface Ethernet 1/9
description TO-NEXUS-B-eth1/19-P036
security-level 100
!
```

Tabella2: configurazione Port-Channel L2/L3 lato ASA

NEXUS vPC:

NEXUS-A	NEXUS-B
<pre> interface eth1/16 description TO-ASA1-eth1/6 switchport switchport mode trunk switchport trunk allowed vlan x channel-group 2 mode active ! interface eth1/17 description TO-ASA2-eth1/6 switchport switchport mode trunk switchport trunk allowed vlan x channel-group 3 mode active ! interface eth1/18 description TO-ASA1-eth1/8 switchport switchport mode trunk switchport trunk allowed vlan y channel-group 4 mode active ! interface eth1/19 description TO-ASA2-eth1/8 switchport switchport mode trunk switchport trunk allowed vlan y channel-group 5 mode active ! interface port-channel2 description TO-ASA1-outside switchport switchport mode trunk switchport trunk allowed vlan x vpc 2 ! interface port-channel3 description TO-ASA2-outside switchport switchport mode trunk switchport trunk allowed vlan x vpc 3 ! interface port-channel4 description TO-ASA1-inside switchport switchport mode trunk switchport trunk allowed vlan y vpc 4 ! interface port-channel5 description TO-ASA2-inside switchport switchport mode trunk switchport trunk allowed vlan y vpc 5 ! </pre>	<pre> interface eth1/16 description TO-ASA2-eth1/7 switchport switchport mode trunk switchport trunk allowed vlan x channel-group 3 mode active ! interface eth1/17 description TO-ASA1-eth1/7 switchport switchport mode trunk switchport trunk allowed vlan x channel-group 2 mode active ! interface eth1/18 description TO-ASA2-eth1/9 switchport switchport mode trunk switchport trunk allowed vlan y channel-group 5 mode active ! interface eth1/19 description TO-ASA1-eth1/9 switchport switchport mode trunk switchport trunk allowed vlan y channel-group 4 mode active ! interface port-channel2 description TO-ASA1-outside switchport switchport mode trunk switchport trunk allowed vlan x vpc 2 ! interface port-channel3 description TO-ASA2-outside switchport switchport mode trunk switchport trunk allowed vlan x vpc 3 ! interface port-channel4 description TO-ASA1-inside switchport switchport mode trunk switchport trunk allowed vlan y vpc 4 ! interface port-channel5 description TO-ASA2-inside switchport switchport mode trunk switchport trunk allowed vlan y vpc 5 ! </pre>

