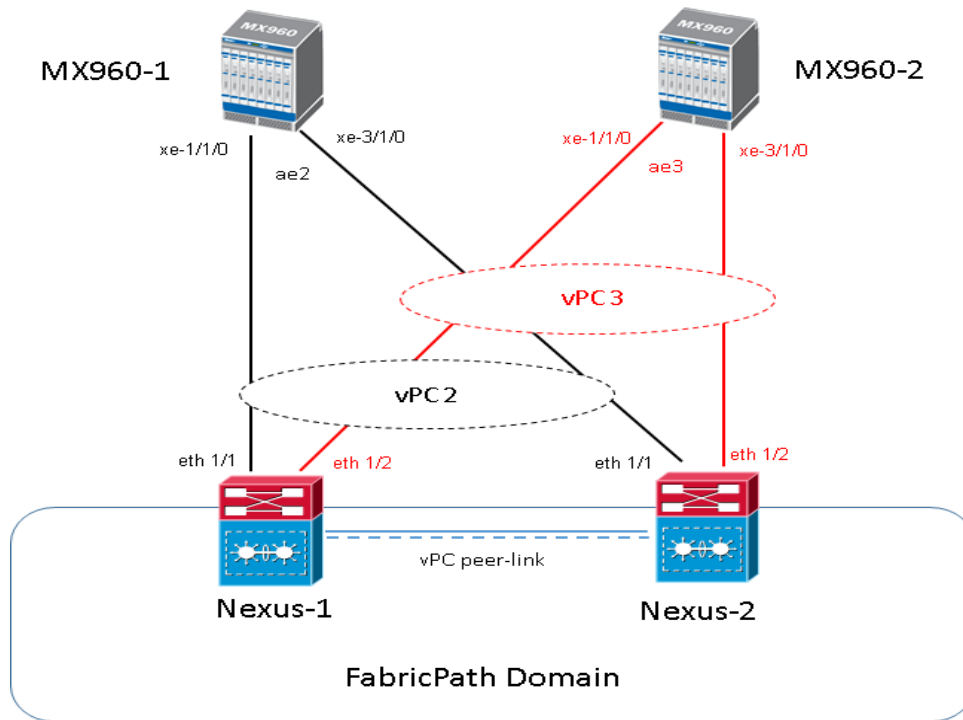Collegamento LACP tra due MX960 Juniper e due Nexus Cisco in FabricPath domain:

MX960-1:

```
set interfaces ae2 description "vPC multi-chassis to Nexus"
set interfaces ae2 flexible-vlan-tagging
set interfaces ae2 encapsulation flexible-ethernet-services
set interfaces ae2 aggregated-ether-options link-speed 10g
set interfaces ae2 aggregated-ether-options lacp active
!
set interfaces xe-1/1/0 gigether-options 802.3ad ae2
set interfaces xe-3/1/0 gigether-options 802.3ad ae2
```

MX960-2:

```
set interfaces ae3 description "vPC multi-chassis to Nexus"
set interfaces ae3 flexible-vlan-tagging
set interfaces ae3 encapsulation flexible-ethernet-services
set interfaces ae3 aggregated-ether-options link-speed 10g
set interfaces ae3 aggregated-ether-options lacp active
!
set interfaces xe-1/1/0 gigether-options 802.3ad ae3
set interfaces xe-3/1/0 gigether-options 802.3ad ae3
```

NEXUS-1:

```
fabricpath domain default
!
install feature-set fabricpath
feature-set fabricpath
!
cfs eth distribute → (CISCO FABRIC SERVICES)
feature interface-vlan
feature lacp
feature vpc
feature lldp
feature vtp
feature fex
!
vtp mode transparent
!
spanning-tree vlan < range value vlan-id > priority 8192 (n.b. tutte le vlan debbono avere lo
stesso valore di priority)
!
vpc domain 1
  role priority 1
  peer-keepalive destination a.b.c.x source a.b.c.y
  peer-gateway
  fabricpath switch-id 1
!
interface port-channel1
  description peer-link
  switchport mode fabricpath
  vpc peer-link
```

```
interface port-channel2
  description to MX960-01
  switchport mode trunk
  switchport trunk allowed < range value vlan-id >
vpc 2


interface port-channel3
  description to MX960-02
  switchport mode trunk
  switchport trunk allowed vlan < range value vlan-id >
vpc 3
!
!
interface Ethernet1/1
  description to MX960-01
  switchport mode trunk
  switchport trunk allowed vlan < range value vlan-id >
  channel-group 2 mode active


interface Ethernet1/2
  description to MX960-02
  switchport mode trunk
  switchport trunk allowed vlan < range value vlan-id >
 channel-group 3 mode active
!
interface Ethernet1/47
  description B2B Nexus-2
  switchport mode fabricpath
  channel-group 1 mode active


interface Ethernet1/48
  description B2B Nexus-2
  switchport mode fabricpath
  channel-group 1 mode active



NEXUS-2:


fabricpath domain default
!
install feature-set fabricpath
feature-set fabricpath
!
```

```
cfs eth distribute → (CISCO FABRIC SERVICES)

feature interface-vlan

feature lacp

feature vpc

feature lldp

feature vtp

feature fex

!

vtp mode transparent

!

spanning-tree vlan < range value vlan-id > priority 8192 (n.b. tutte le vlan debbono avere lo
stesso valore di priority)

!

vpc domain 1

  role priority 1

  peer-keepalive destination a.b.c.y source a.b.c.x

  peer-gateway

  fabricpath switch-id 1

!

interface port-channel1

  description peer-link

  switchport mode fabricpath

  vpc peer-link


interface port-channel2

  description to MX960-01

  switchport mode trunk

  switchport trunk allowed < range value vlan-id >

vpc 2


interface port-channel3

  description to MX960-02

  switchport mode trunk

  switchport trunk allowed vlan < range value vlan-id >

vpc 3

!

interface Ethernet1/1

  description to MX960-01

  switchport mode trunk

  switchport trunk allowed vlan < range value vlan-id >

  channel-group 2 mode active

!
```

```
interface Ethernet1/2
  description to MX960-02
  switchport mode trunk
  switchport trunk allowed vlan < range value vlan-id >
 channel-group 3 mode active
!
interface Ethernet1/47
  description B2B Nexus-2
  switchport mode fabricpath
  channel-group 1 mode active

interface Ethernet1/48
  description B2B Nexus-2
  switchport mode fabricpath
  channel-group 1 mode active
```