

硬體更新：更換Nexus交換機（VXLAN技術）

目錄

簡介

本檔案介紹更換執行虛擬可擴充區域網路(VXLAN)的Nexus交換器的程式。

必要條件

需求

思科建議您瞭解以下主題：

- Cisco Nexus作業系統(NX-OS)
- VXLAN

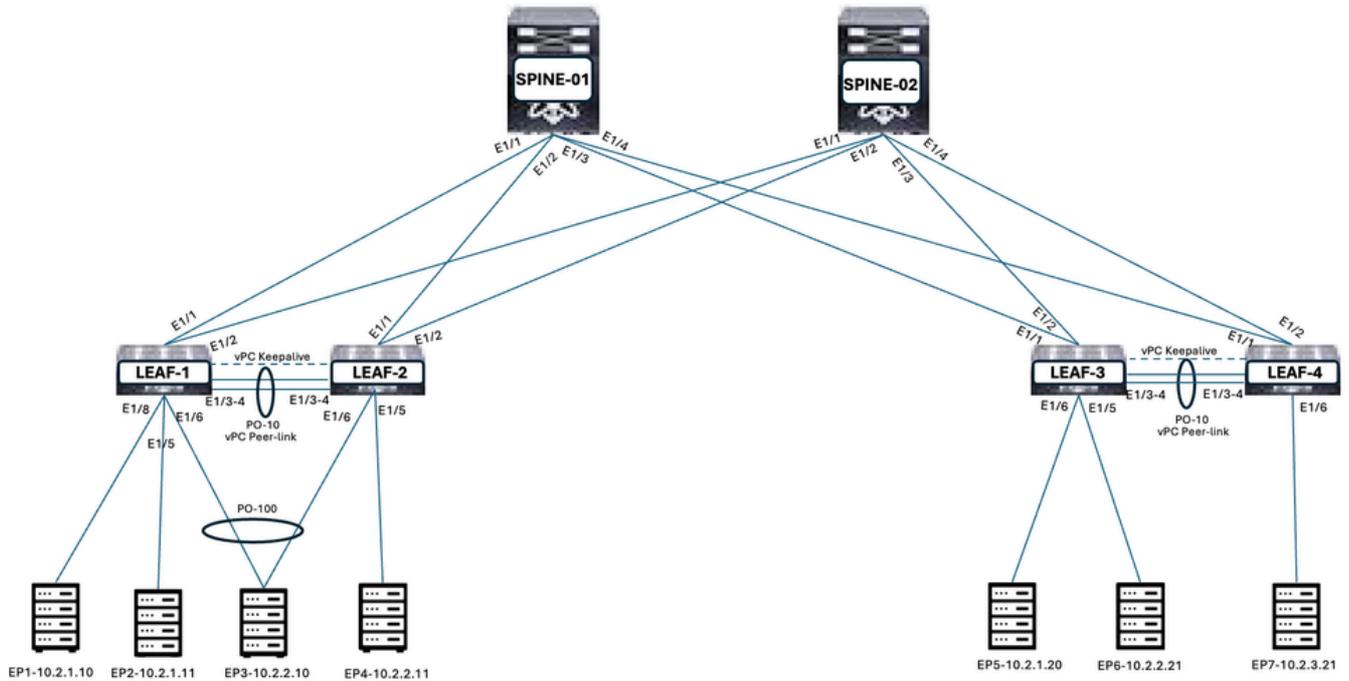
採用元件

本檔案中的資訊是根據Nexus 9000交換器。

本文中的資訊是根據特定實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

VXLAN枝葉 — 主幹架構

圖1. VXLAN枝葉 — 主幹拓撲



VXLAN枝葉 — 主幹架構亮點

- LEAF-1和LEAF-2是虛擬埠通道(vPC)對等體。LEAF-3和LEAF-4是vPC對等體。
- 任播網關在LEAF-1、LEAF-2、LEAF-3和LEAF-4上配置為VLAN101、VLAN102和VLAN103。
- 在枝葉和主幹之間配置的點對點IP地址。
- Loopback0主要IP地址用於枝葉單個節點VXLAN隧道終端(vTEP)。
- Loopback0輔助IP地址在vPC枝葉成員之間作為任播vTEP(vip)共用。
- 在枝葉和主幹之間使用開放最短路徑優先(OSPF)路由協定實現底層連線。Loopback0通過OSPF從枝葉和主幹通告。
- 邊界閘道通訊協定(BGP)L2VPN用於重疊的枝葉和主幹之間。在Loopback0上建立BGP L2VPN EVPN對等。
- VLAN101、VLAN102和VLAN103子網會通告給枝葉和主幹。

表1.枝葉環回IP地址

主幹/枝葉主機名	Loopback0主IP	Loopback0輔助IP(vip)
SPINE-1	10.7.1.1/32	
SPINE-2	10.7.1.2/32	
LEAF-1	10.5.1.1/32	10.0.1.72/32
LEAF-2	10.5.1.2/32	10.0.1.72/32

LEAF-3	10.6.1.1/32	10.0.2.72/32
LEAF-4	10.6.1.2/32	10.0.2.72/32

從枝葉和主幹驗證路由

圖2. 檢驗枝葉交換機上的路由。

```

LEAF-1(config)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP                               Prod   Flags
          Seq No      Next-Hops
-----
101         5254.0003.af2a 10.2.1.10                             HMM   L,
          0              Local
101         5254.0007.0bd9 10.2.1.11                             HMM   L,
          0              Local
101         5254.0004.83dd 10.2.1.20                             BGP   --
          0              10.0.2.72 (Label: 10101)
102         5202.fcc4.1b08 10.2.2.10                             HMM   L,
          0              Local
102         5254.0019.4de7 10.2.2.11                             HMM   L,
          0              Local
102         5254.0004.e203 10.2.2.21                             BGP   --
          0              10.0.2.72 (Label: 10102)
103         5254.0011.3730 10.2.3.21                             BGP   --
          0              10.0.2.72 (Label: 10103)

```

```

LEAF-2(config)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP              Prod   Flags
          Seq No       Next-Hops
-----
101        5254.0003.af2a 10.2.1.10           HMM    L,
          0              Local
101        5254.0007.0bd9 10.2.1.11           HMM    L,
          0              Local
101        5254.0004.83dd 10.2.1.20           BGP    --
          0              10.0.2.72 (Label: 10101)
102        5202.fcc4.1b08 10.2.2.10           HMM    L,
          0              Local
102        5254.0019.4de7 10.2.2.11           HMM    L,
          0              Local
102        5254.0004.e203 10.2.2.21           BGP    --
          0              10.0.2.72 (Label: 10102)
103        5254.0011.3730 10.2.3.21           BGP    --
          0              10.0.2.72 (Label: 10103)

```

```

LEAF-3(config-if)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP              Prod   Flags
          Seq No       Next-Hops
-----
101        5254.0003.af2a 10.2.1.10           BGP    --
          0              10.0.1.72 (Label: 10101)
101        5254.0007.0bd9 10.2.1.11           BGP    --
          0              10.0.1.72 (Label: 10101)
101        5254.0004.83dd 10.2.1.20           HMM    L,
          0              Local
102        5202.fcc4.1b08 10.2.2.10           BGP    --
          0              10.0.1.72 (Label: 10102)
102        5254.0019.4de7 10.2.2.11           BGP    --
          0              10.0.1.72 (Label: 10102)
102        5254.0004.e203 10.2.2.21           HMM    L,
          0              Local
103        5254.0011.3730 10.2.3.21           HMM    L,
          0              Local

```

```

LEAF-4# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP          Prod   Flags
          Seq No       Next-Hops
-----
101        5254.0003.af2a 10.2.1.10       BGP   --
          0             10.0.1.72 (Label: 10101)
101        5254.0007.0bd9 10.2.1.11       BGP   --
          0             10.0.1.72 (Label: 10101)
101        5254.0004.83dd 10.2.1.20       HMM   L,
          0             Local
102        5202.fcc4.1b08 10.2.2.10       BGP   --
          0             10.0.1.72 (Label: 10102)
102        5254.0019.4de7 10.2.2.11       BGP   --
          0             10.0.1.72 (Label: 10102)
102        5254.0004.e203 10.2.2.21       HMM   L,
          0             Local
103        5254.0011.3730 10.2.3.21       HMM   L,
          0             Local

```

圖3.檢驗主幹交換機上的路由 (兩台主幹交換機上的路由保持不變)。

```

SPINE-1# show bgp l2vpn evpn
BGP routing table information for VRF default, address family L2VPN EVPN
BGP table version is 162, Local Router ID is 10.7.1.1
Status: s-suppressed, x-deleted, S-stale, d-dampened, h-history, *-valid, >-best
Path type: i-internal, e-external, c-confed, l-local, a-aggregate, r-redist, I-i
njected
Origin codes: i - IGP, e - EGP, ? - incomplete, | - multipath, & - backup, 2 - b
est2
Route Distinguisher: 10.5.1.1:32868
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[32]:[10.2.1.10]/272
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[32]:[10.2.1.11]/272
10.0.1.72 100 0 i
Route Distinguisher: 10.5.1.1:32869
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[32]:[10.2.2.10]/272
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[32]:[10.2.2.11]/272
10.0.1.72 100 0 i
Route Distinguisher: 10.5.1.2:32868
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[32]:[10.2.1.10]/272
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[32]:[10.2.1.11]/272
10.0.1.72 100 0 i
Route Distinguisher: 10.5.1.2:32869
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[0]:[0.0.0.0]/216
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[32]:[10.2.2.10]/272
10.0.1.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[32]:[10.2.2.11]/272
10.0.1.72 100 0 i
Route Distinguisher: 10.6.1.1:32868
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[32]:[10.2.1.20]/272
10.0.2.72 100 0 i
Route Distinguisher: 10.6.1.1:32869
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[32]:[10.2.2.21]/272
10.0.2.72 100 0 i
Route Distinguisher: 10.6.1.1:32870
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[32]:[10.2.3.21]/272
10.0.2.72 100 0 i
Route Distinguisher: 10.6.1.2:3
*>i[5]:[0]:[0]:[24]:[10.2.1.0]/224
10.0.2.72 0 100 0 ?
*>i[5]:[0]:[0]:[24]:[10.2.2.0]/224
10.0.2.72 0 100 0 ?
*>i[5]:[0]:[0]:[24]:[10.2.3.0]/224
10.0.2.72 0 100 0 ?
Route Distinguisher: 10.6.1.2:32868
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[32]:[10.2.1.20]/272
10.0.2.72 100 0 i
Route Distinguisher: 10.6.1.2:32869
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[32]:[10.2.2.21]/272
10.0.2.72 100 0 i
Route Distinguisher: 10.6.1.2:32870
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[0]:[0.0.0.0]/216
10.0.2.72 100 0 i
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[32]:[10.2.3.21]/272
10.0.2.72 100 0 i

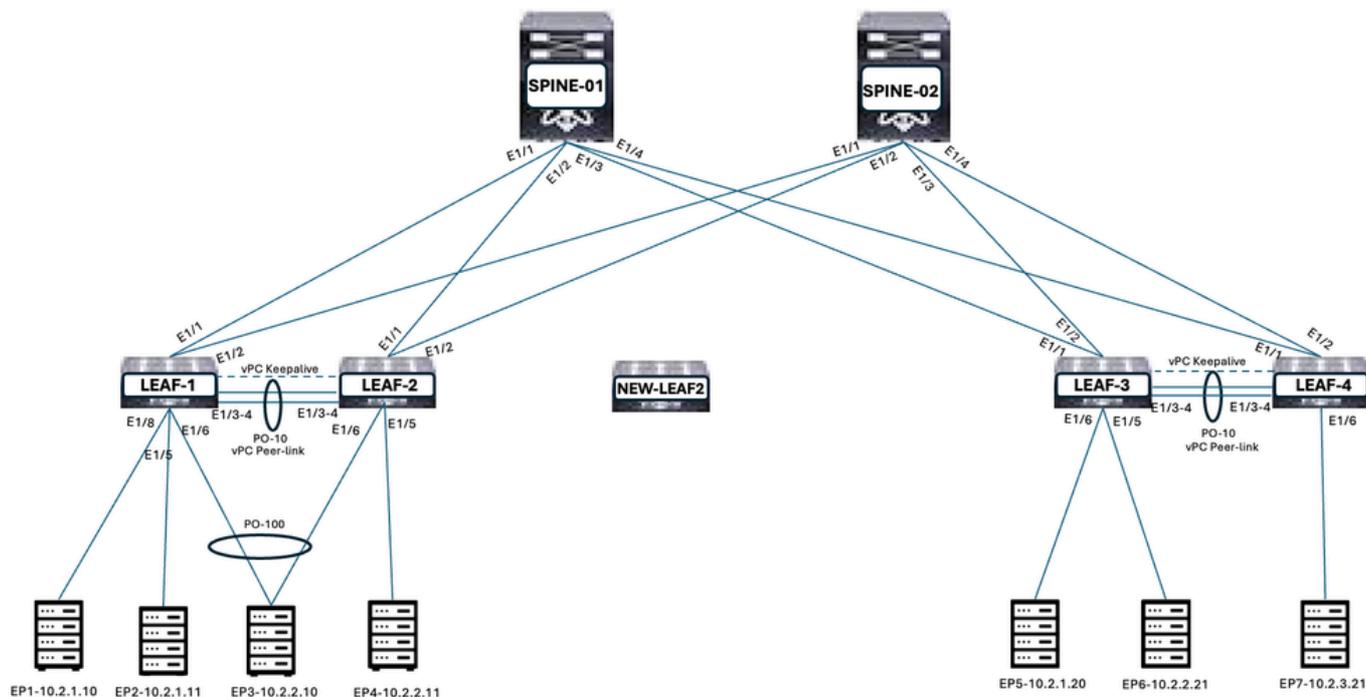
```

Nexus交換機硬體更新步驟

步驟1.將配置從LEAF-2複製到NEW-LEAF2

將配置從LEAF-2複製到NEW-LEAF2。關閉NEW-LEAF2上的所有介面。

圖4.配置NEW-LEAF2



步驟2.通過關閉所有介面隔離vPC輔助交換機 (LEAF-2是vPC輔助交換機)

關閉輔助交換機上介面的順序：

- 關閉vPC成員埠和孤立埠
- 關閉指向主幹的上行鏈路
- 關閉vPC keepalive連結
- 關閉vPC對等鏈路

圖5.隔離vPC輔助交換機

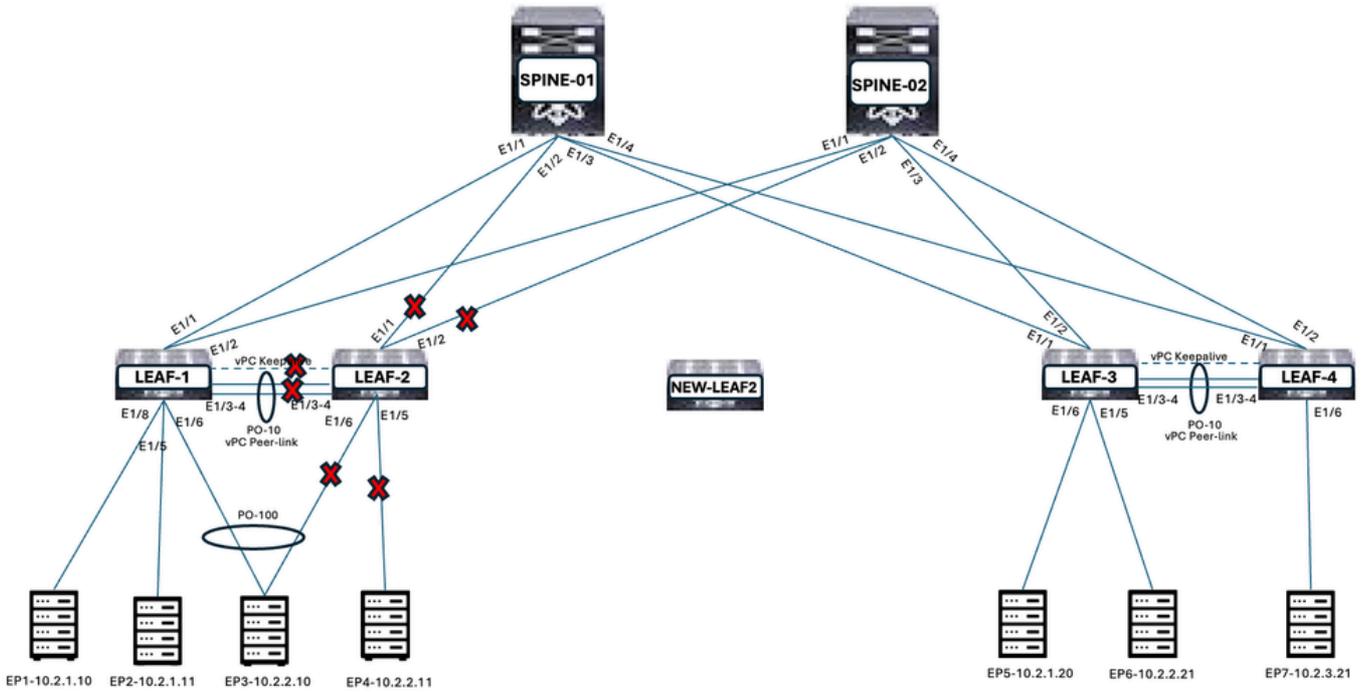


圖6.關閉輔助交換機上的介面

```

LEAF-2(config)# int eth1/5-6
LEAF-2(config-if-range)# shutdown
LEAF-2(config-if-range)#
LEAF-2(config-if-range)# int eth1/1-2
LEAF-2(config-if-range)# shutdown
LEAF-2(config-if-range)#
LEAF-2(config-if-range)# int mgmt 0
LEAF-2(config-if)# shutdown
Shutting down this interface will drop all telnet and SSH sessions. Do you wish to continue(y/n)? [no] y
LEAF-2(config-if)# int eth1/3-4
LEAF-2(config-if-range)# shutdown

```

步驟3.驗證NEW-LEAF2上的vPC粘滯位

粘滯位必須為「False」。如果為「True」，則將vPC優先順序提高到高於上一個值。如果粘滯位狀態未更改為「False」，則重新載入葉。NEW-LEAF2配置了vPC自動恢復，因此它是vPC主交換機。它不會與LEAF-1形成任何vPC對等連線，因為對等鏈路和對等保持連線已關閉。

圖7. NEW-LEAF2是vPC主映像

```

NEW-LEAF2(config-vpc-domain)# sh vpc role

vPC Role status
-----
vPC role                : primary
Dual Active Detection Status : 0
vPC system-mac         : 00:23:04:ee:be:0a
vPC system-priority    : 32667
vPC local system-mac   : 52:0a:4c:cd:1b:08
vPC local role-priority : 0
vPC local config role-priority : 200
vPC peer system-mac    : 00:00:00:00:00:00
vPC peer role-priority : 0
vPC peer config role-priority : 0
NEW-LEAF2(config-vpc-domain)# exit
NEW-LEAF2(config)#
NEW-LEAF2(config)#
NEW-LEAF2(config)#
NEW-LEAF2(config)# show system internal vpcm info global | i i sticky
          00B Peer Version: 0      00B peer was alive: FALSE      Sticky Master: T
RUE

```

步驟4. 從NEW-LEAF2的Loopback0中刪除輔助IP地址

此步驟是為了確保鏈路啟動後，孤立埠上連線的終端的路由將從NEW-LEAF2傳送到枝葉和主幹。

圖8. 從Loopback0刪除輔助IP地址

```

interface loopback0
 ip address 10.5.1.2/32
 ip address 10.0.1.72/32 secondary
 ip router ospf UNDERLAY area 0.0.0.0
 ip pim sparse-mode

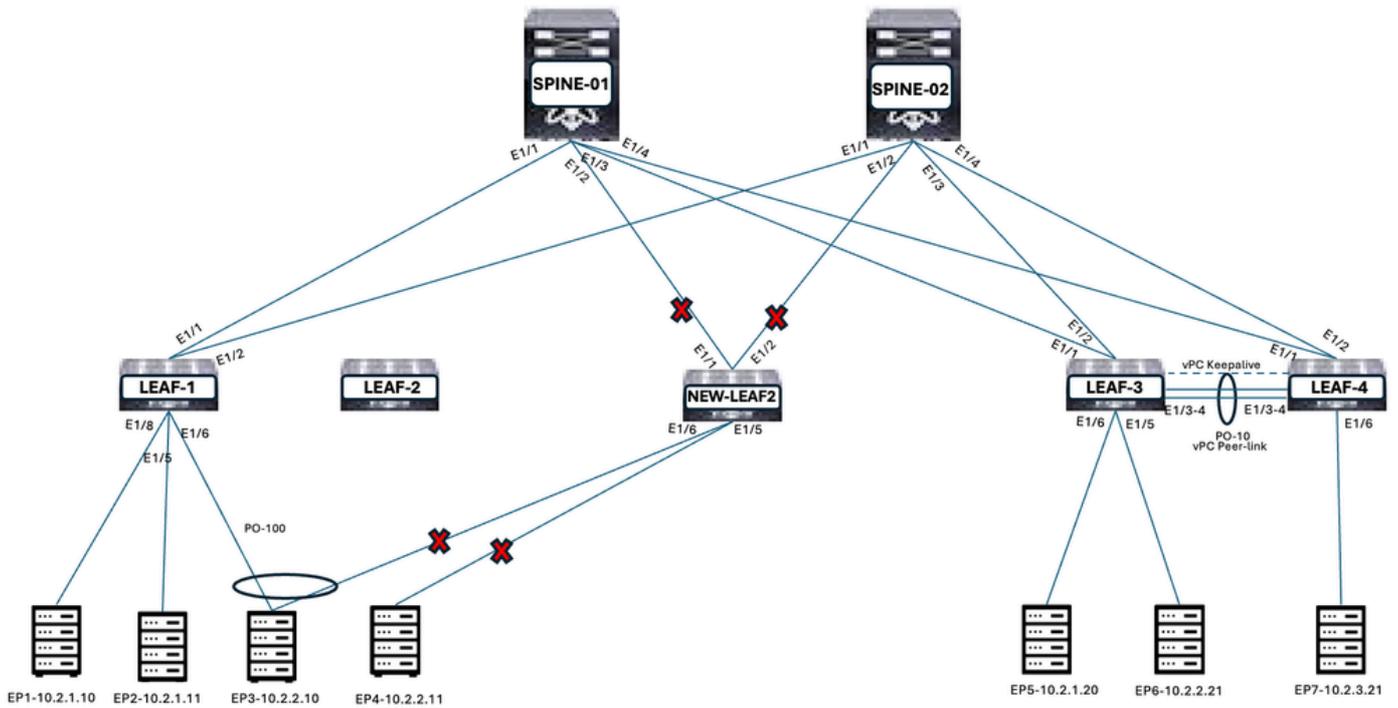
NEW-LEAF2(config-if)# int loopback 0
NEW-LEAF2(config-if)# no ip address 10.0.1.72/32 secondary

```

步驟5. 將電纜連線到NEW-LEAF2

完成從NEW-LEAF2到Spines和終端的電纜連線。

圖9. 將電纜連線到NEW-LEAF2



步驟6.在NEW-LEAF2上取消關閉上行鏈路埠和孤立埠

取消關閉NEW-LEAF2上的上行鏈路埠和孤立埠。要保持關閉的vPC keepalive、vPC對等鏈路和vPC成員。

此步驟確保孤立埠的路由通過NEW-LEAF2傳送到主幹和其他枝葉。vPC成員埠的路由僅通過LEAF-1傳送。

圖10.關閉NEW-LEAF2上的孤立埠和上行鏈路埠

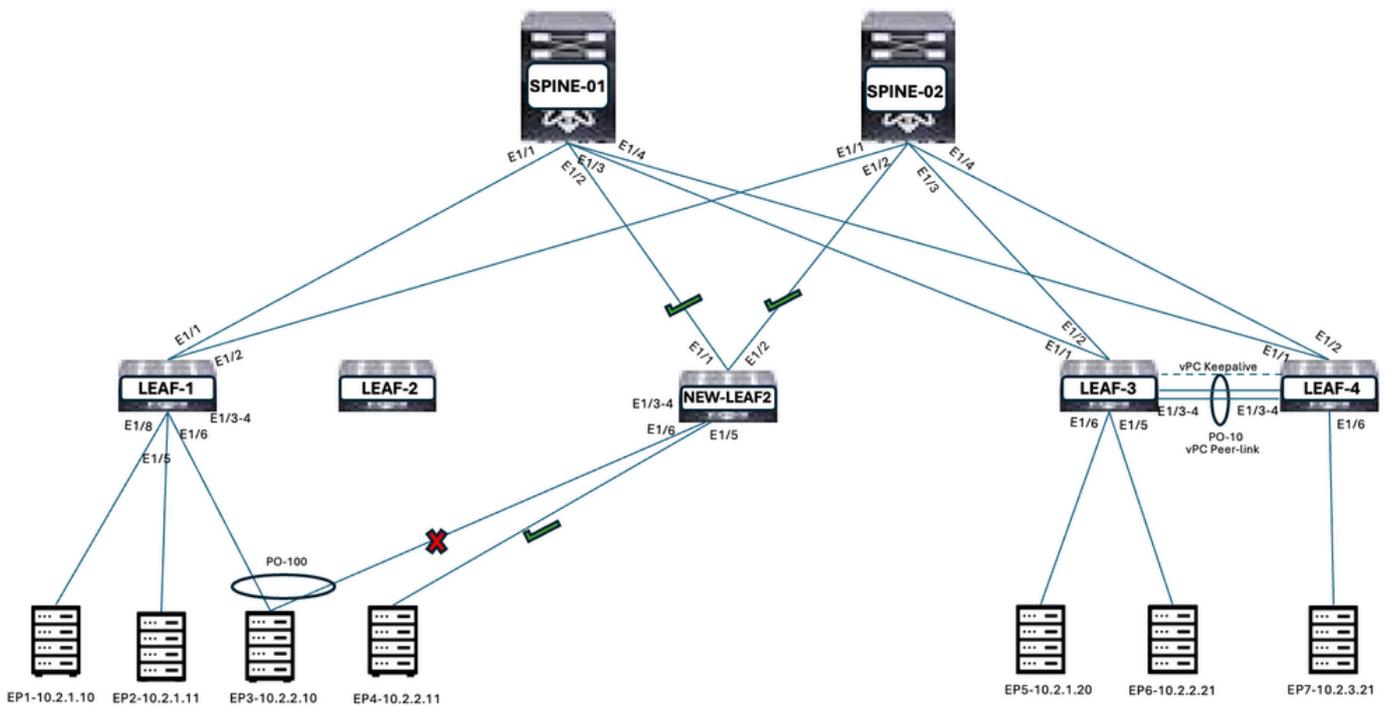


圖11. NEW-LEAF2上「unshut the interfaces」的輸出

```

NEW-LEAF2(config)# int eth1/1-2
NEW-LEAF2(config-if-range)# no shutdown
NEW-LEAF2(config-if-range)#
NEW-LEAF2(config-if-range)# int eth1/5-6
NEW-LEAF2(config-if-range)# no shutdown

```

步驟7. 檢驗從NEW-LEAF2接收的孤立埠的主幹和其他枝葉中的路由

孤立埠的NEW-LEAF2路由會通告給Spines和其他枝葉。NEW-LEAF2 Loopback0主IP地址是路由的下一跳地址。

圖12. 檢驗枝葉上的路由

```

NEW-LEAF2(config-vrf)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP              Prod   Flags
          Seq No      Next-Hops
-----
101         5254.0003.af2a 10.2.1.10            BGP   --
          0          10.0.1.72 (Label: 10101)
101         5254.0007.0bd9 10.2.1.11            BGP   --
          0          10.0.1.72 (Label: 10101)
101         5254.0004.83dd 10.2.1.20            BGP   --
          0          10.0.2.72 (Label: 10101)
102         5202.fcc4.1b08 10.2.2.10            BGP   --
          0          10.0.1.72 (Label: 10102)
102         5254.0019.4de7 10.2.2.11            HMM   L,
          0          Local
102         5254.0004.e203 10.2.2.21            BGP   --
          0          10.0.2.72 (Label: 10102)
103         5254.0011.3730 10.2.3.21            BGP   --
          0          10.0.2.72 (Label: 10103)

```

```

LEAF-1(config)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP          Prod   Flags
          Seq No        Next-Hops
-----
101         5254.0003.af2a 10.2.1.10       HMM    L,
          0              Local
101         5254.0007.0bd9 10.2.1.11       HMM    L,
          0              Local
101         5254.0004.83dd 10.2.1.20       BGP    --
          0              10.0.2.72 (Label: 10101)
102         5202.fcc4.1b08 10.2.2.10       HMM    L,
          0              Local
102         5254.0019.4de7 10.2.2.11       BGP    --
          0              10.5.1.2 (Label: 10102)
102         5254.0004.e203 10.2.2.21       BGP    --
          0              10.0.2.72 (Label: 10102)
103         5254.0011.3730 10.2.3.21       BGP    --
          0              10.0.2.72 (Label: 10103)

```

```

LEAF-3(config-if)# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP          Prod   Flags
          Seq No        Next-Hops
-----
101         5254.0003.af2a 10.2.1.10       BGP    --
          0              10.0.1.72 (Label: 10101)
101         5254.0007.0bd9 10.2.1.11       BGP    --
          0              10.0.1.72 (Label: 10101)
101         5254.0004.83dd 10.2.1.20       HMM    L,
          0              Local
102         5202.fcc4.1b08 10.2.2.10       BGP    --
          0              10.0.1.72 (Label: 10102)
102         5254.0019.4de7 10.2.2.11       BGP    --
          0              10.5.1.2 (Label: 10102)
102         5254.0004.e203 10.2.2.21       HMM    L,
          0              Local
103         5254.0011.3730 10.2.3.21       HMM    L,
          0              Local

```

```

LEAF-4# show l2route evpn mac-ip all
Flags -(Rmac):Router MAC (Stt):Static (L):Local (R):Remote (V):vPC link
(Dup):Duplicate (Spl):Split (Rcv):Recv(D):Del Pending (S):Stale (C):Clear
(Ps):Peer Sync (Ro):Re-Originated (Orp):Orphan
Topology   Mac Address      Host IP          Prod   Flags
          Seq No       Next-Hops
-----
101         5254.0003.af2a 10.2.1.10        BGP   --
          0           10.0.1.72 (Label: 10101)
101         5254.0007.0bd9 10.2.1.11        BGP   --
          0           10.0.1.72 (Label: 10101)
101         5254.0004.83dd 10.2.1.20        HMM   L,
          0           Local
102         5202.fcc4.1b08 10.2.2.10        BGP   --
          0           10.0.1.72 (Label: 10102)
102         5254.0019.4de7 10.2.2.11        BGP   --
          0           10.5.1.2 (Label: 10102)
102         5254.0004.e203 10.2.2.21        HMM   L,
          0           Local
103         5254.0011.3730 10.2.3.21        HMM   L,
          0           Local

```

圖13.檢驗主幹上的路由。兩根脊椎上都是一樣的。

```

SPINE-1# sh bgp l2vpn evpn
BGP routing table information for VRF default, address family L2VPN EVPN
BGP table version is 216, Local Router ID is 10.7.1.1
Status: s-suppressed, x-deleted, S-stale, d-dampened, h-history, *-valid, >-best
Path type: i-internal, e-external, c-confed, l-local, a-aggregate, r-redist, I-i
njected
Origin codes: i - IGP, e - EGP, ? - incomplete, | - multipath, & - backup, 2 - b
est2
Route Distinguisher: 10.5.1.1:32869
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[0]:[0.0.0.0]/216
      10.0.1.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[32]:[10.2.2.10]/272
      10.0.1.72                                100                0 i
Route Distinguisher: 10.5.1.1:32868
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[0]:[0.0.0.0]/216
      10.0.1.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[0]:[0.0.0.0]/216
      10.0.1.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0003.af2a]:[32]:[10.2.1.10]/272
      10.0.1.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0007.0bd9]:[32]:[10.2.1.11]/272
      10.0.1.72                                100                0 i
Route Distinguisher: 10.5.1.1:32869
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[0]:[0.0.0.0]/216
      10.0.1.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5202.fcc4.1b08]:[32]:[10.2.2.10]/272
      10.0.1.72                                100                0 i
Route Distinguisher: 10.5.1.2:32869
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[0]:[0.0.0.0]/216
      10.5.1.2                                  100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0019.4de7]:[32]:[10.2.2.11]/272
      10.5.1.2                                  100                0 i
Route Distinguisher: 10.6.1.1:32868
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[32]:[10.2.1.20]/272
      10.0.2.72                                100                0 i
Route Distinguisher: 10.6.1.1:32869
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[32]:[10.2.2.21]/272
      10.0.2.72                                100                0 i
Route Distinguisher: 10.6.1.1:32870
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[32]:[10.2.3.21]/272
      10.0.2.72                                100                0 i
Route Distinguisher: 10.6.1.2:3
*>i[5]:[0]:[0]:[24]:[10.2.1.0]/224
      10.0.2.72                                0                100          0 ?
*>i[5]:[0]:[0]:[24]:[10.2.2.0]/224
      10.0.2.72                                0                100          0 ?
*>i[5]:[0]:[0]:[24]:[10.2.3.0]/224
      10.0.2.72                                0                100          0 ?
Route Distinguisher: 10.6.1.2:32868
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.83dd]:[32]:[10.2.1.20]/272
      10.0.2.72                                100                0 i
Route Distinguisher: 10.6.1.2:32869
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0004.e203]:[32]:[10.2.2.21]/272
      10.0.2.72                                100                0 i
Route Distinguisher: 10.6.1.2:32870
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[0]:[0.0.0.0]/216
      10.0.2.72                                100                0 i
*>i[2]:[0]:[0]:[48]:[5254.0011.3730]:[32]:[10.2.3.21]/272
      10.0.2.72                                100                0 i

```

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。