

設定 VXLAN

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簡介

本檔案將簡要概述虛擬可擴充區域網路(VXLAN)和組態範例，以及驗證指令和輸出。

必要條件

需求

思科建議您瞭解以下主題：

- 多點傳送路由概念，例如集結點 (RP) 和平台無關多點傳送 (PIM)。
- 虛擬連接埠通道 (vPC) 概念。

本文件假設在設定 VXLAN 之前已建立 IP 路由和多點傳送路由。

採用元件

本文中的資訊係根據以下軟體和硬體版本：

- 執行 7.0(3)I1(1b) 版的 Nexus 9396s，作為 vPC 虛擬通道端點 (VTEP)
- 執行 6.0(2)U5(1) 版的 Nexus 3172
- 已安裝 LAN_ENTERPRISE_SERVICES_PKG 授權

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。

背景資訊

技術

VXLAN (虛擬可擴充區域網路) - 此技術提供的乙太網路第 2 層網路服務與現今 VLAN 提供的如出一轍，但具有更高的擴充性和靈活性。

VNID (VXLAN 網路識別碼) - 用於定義廣播網域的 24 位元區段 ID。可與「VXLAN 區段 ID」互換。

VTEP (虛擬通道端點) - 這是負責執行封裝和解除封裝的裝置。

NVE (網路虛擬介面) - 進行封裝和解除封裝的邏輯介面。

什麼是 VXLAN

- VXLAN 技術可使用任何 IP 路由通訊協定，在第 3 層 (L3) 底層上重疊第 2 層 (L2) 網路。
- 此技術採用 UDP 內 MAC 封裝。

VXLAN 解決了三個主要問題：

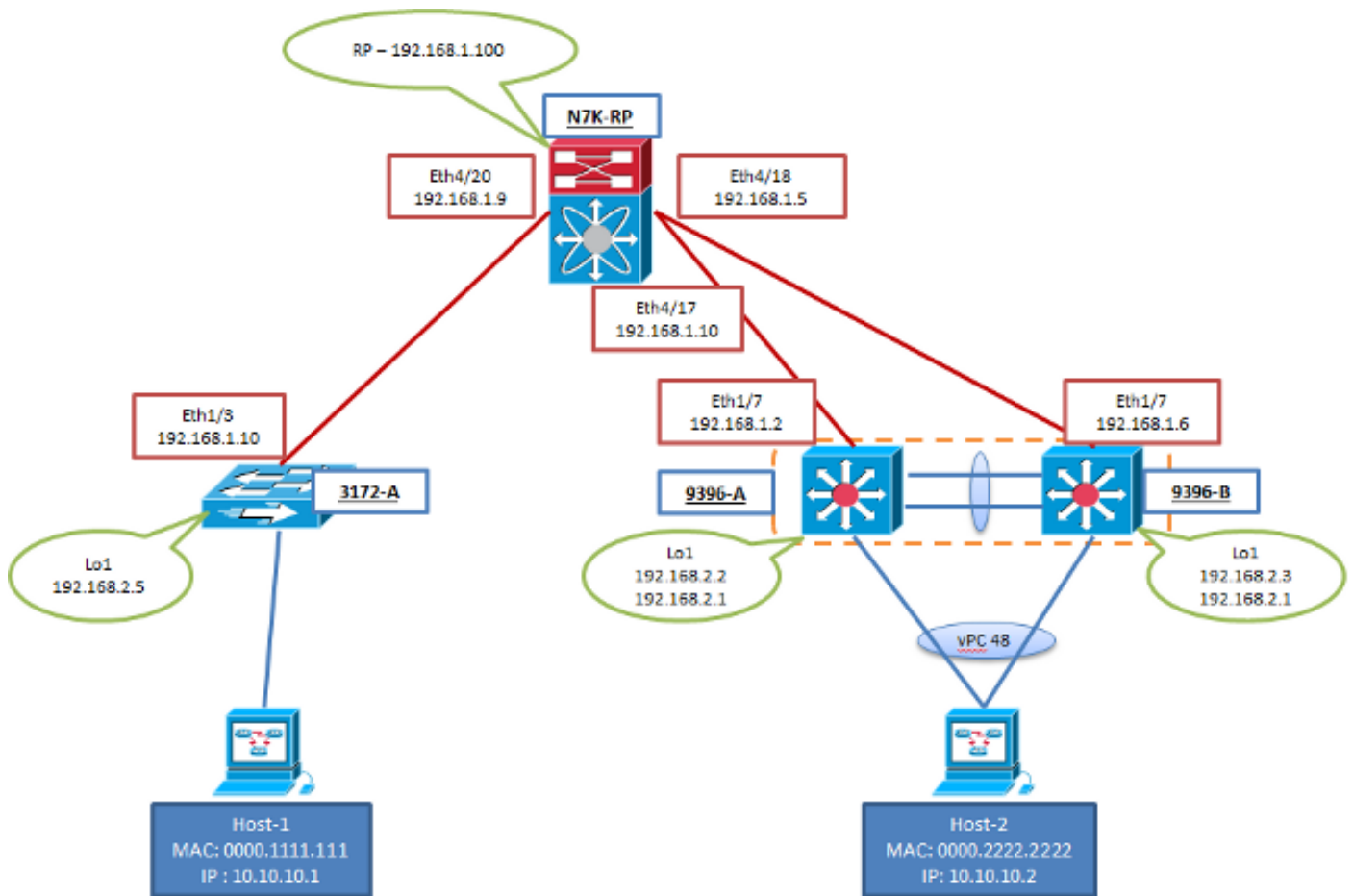
1. 1600 萬個 VNI (廣播網域) 相較於傳統 VLAN 提供的 4000 個。
2. 允許在 IP 網路中的任何位置擴充 L2。
3. 最佳化泛濫行為。

為什麼要使用 VXLAN

- VLAN 可擴充性 - VXLAN 將第 2 層區段 ID 欄位擴充為 24 位元，這可能允許同一個網路上最多有 1600 萬個不重複的 L2 區段。
- L2 區段對 L3 邊界具有彈性 - VXLAN 將一個 L2 訊框封裝在 IP UDP 標頭中，允許 L2 跨路由器邊界相鄰。
- 利用傳輸網路中的多點傳送，在 L2 區段中模擬廣播、未知的單點傳送和多點傳送的泛濫行為。
- 利用等價多重路徑 (ECMP)，透過過傳輸網路實現最佳路徑使用情況。

設定

網路圖表



組態

這些是 VXLAN 組態的專屬組態。請注意，9396-A和B位於vPC網域中，而3172-A不是。這些組態假設，使用您選擇的路由通訊協定，可充分連線至拓撲中的所有 L3 介面。本範例中使用的是開放最短路徑優先 (OSPF)。另外還假設已透過這些相同的 L3 介面建立了多點傳送路由。

3172-A

```
feature ospf
feature pim
feature vn-segment-vlan-based
feature nv overlay

vlan 10
  vn-segment 160010
vlan 20
  vn-segment 160020

interface nve1
  source-interface loopback1
  member vni 160010 mcast-group 203.0.113.1
  member vni 160020 mcast-group 203.0.113.1
  no shutdown

interface Ethernet1/3
  no switchport
  ip address 192.168.1.10/30
  ip router ospf 2 area 0.0.0.0
  ip pim sparse-mode
```

```
interface loopback1
 ip address 192.168.2.5/32
 ip router ospf 2 area 0.0.0.0
 ip pim sparse-mode
```

9396-A

註：將vPC作為VTEP使用時，會使用回送介面的次要IP，並在兩個對等點之間共用。這就是這兩個對等點向遠端 NVE 對等點表示自己為單一 VTEP 的方式。

```
feature ospf
feature pim
feature vn-segment-vlan-based
feature nv overlay

ip pim rp-address 192.168.1.100 group-list 224.0.0.0/4

vlan 1,10,20
vlan 10
 vn-segment 160010
vlan 20
 vn-segment 160020

vpc domain 1
 peer-switch
 peer-keepalive destination 10.122.140.99
 peer-gateway

interface port-channel1
 switchport mode trunk
 spanning-tree port type network
 vpc peer-link

interface port-channel48
 switchport mode trunk
 vpc 48

interface nve1
 mtu 9216
 no shutdown
 source-interface loopback1
 member vni 160010 mcast-group 203.0.113.1
 member vni 160020 mcast-group 203.0.113.1
interface Ethernet1/7
 no switchport
 ip address 192.168.1.2/30
 ip router ospf 1 area 0.0.0.0
 ip pim sparse-mode
 no shutdown

interface loopback1
 ip address 192.168.2.2/32
 ip address 192.168.2.1/32 secondary
 ip router ospf 1 area 0.0.0.0
 ip pim sparse-mode
```

9396-B

註：將vPC作為VTEP使用時，會使用回送介面的次要IP，並在兩個對等點之間共用。這就是這兩個對等點向遠端 NVE 對等點表示自己為單一 VTEP 的方式。

```
feature ospf
feature pim
feature vn-segment-vlan-based
feature nv overlay

ip pim rp-address 192.168.1.100 group-list 224.0.0.0/4

vlan 1,10,20
vlan 10
  vn-segment 160010
vlan 20
  vn-segment 160020

vpc domain 1
  peer-switch
  peer-keepalive destination 10.122.140.98
  peer-gateway

interface port-channel1
  switchport mode trunk
  spanning-tree port type network
  vpc peer-link

interface port-channel48
  switchport mode trunk
  vpc 48

interface nve1
  mtu 9216
  no shutdown
  source-interface loopback1
  member vni 160010 mcast-group 203.0.113.1
  member vni 160020 mcast-group 203.0.113.1

interface Ethernet1/7
  no switchport
  ip address 192.168.1.6/30
  ip router ospf 1 area 0.0.0.0
  ip pim sparse-mode
  no shutdown

interface loopback1
  ip address 192.168.2.3/32
  ip address 192.168.2.1/32 secondary
  ip router ospf 1 area 0.0.0.0
  ip pim sparse-mode
```

驗證

使用本節內容，確認您的組態是否正常運作。

Cisco CLI Analyzer (僅供已註冊客戶使用) 支援某些 show 指令。使用 Cisco CLI Analyzer 檢視 show 指令輸出的分析。

- show nve peers < — 流量從重疊的兩端起始之前，看不到此指令的任何輸出
- show nve vni

- show run interface nve1
- show nve internal platform interface detail (僅限 9K)
- show mac address-table
- show ip mroute detail

輸出範例

這些輸出處於穩定狀態。VTEP 對等點已發現彼此，且流量已經以封裝和解除封裝方向通過。

3172-A

```
3172-A# show nve peers
```

Interface	Peer-IP	Peer-State
nve1	192.168.2.1	Up

```
3712-A# show nve vni
```

Interface	VNI	Multicast-group	VNI State
nve1	160010	203.0.113.1	Up
nve1	160020	203.0.113.1	Up

```
3172-A# show run interface nve1
```

```
!Command: show running-config interface nve1
!Time: Sat Apr 25 15:09:13 2015
```

```
version 6.0(2)U5(1)
```

```
interface nve1
 source-interface loopback1
 member vni 160010 mcast-group 203.0.113.1
 member vni 160020 mcast-group 203.0.113.1
 no shutdown
```

```
3172-A# show nve internal platform interface detail
```

```
3172-A# show mac address-table vlan 10
```

```
Legend:
```

```
* - primary entry, G - Gateway MAC, (R) - Routed MAC, O - Overlay MAC
age - seconds since first seen,+ - primary entry using vPC Peer-Link
```

VLAN	MAC Address	Type	age	Secure	NTFY	Ports/SWID.SSID.LID
* 10	0000.1111.1111	dynamic	5030	F	F	Eth1/48
* 10	0000.2222.2222	dynamic	5010	F	F	nve1(192.168.2.1)

```
3172-A# show ip mroute detail
```

```
IP Multicast Routing Table for VRF "default"
```

```
Total number of routes: 3
```

```
Total number of (*,G) routes: 1
```

```
Total number of (S,G) routes: 1
```

```
Total number of (*,G-prefix) routes: 1
```

```
(* , 231.1.1.1/32), uptime: 3w3d, static(1) pim(0) ip(0)
```

```
Stats: 15/1539 [Packets/Bytes], 0.000 bps
```

```
Incoming interface: Ethernet1/3, RPF nbr: 192.168.1.9, uptime: 1w0d
```

```
Outgoing interface list: (count: 1)
```

loopback1, uptime: 3w3d, static

(192.168.2.5/32, 231.1.1.1/32), uptime: 3w3d, ip(0) mrib(1) pim(1)
Stats: 142751/9136064 [Packets/Bytes], 34.133 bps
Incoming interface: loopback1, RPF nbr: 192.168.2.5, uptime: 3w3d
Outgoing interface list: (count: 2)
Ethernet1/3, uptime: 1w0d, pim
loopback1, uptime: 3w3d, mrib, (RPF)

(*, 232.0.0.0/8), uptime: 3w3d, pim(0) ip(0)
Stats: 0/0 [Packets/Bytes], 0.000 bps
Incoming interface: Null, RPF nbr: 0.0.0.0, uptime: 3w3d
Outgoing interface list: (count: 0)

9396-A

9396-A# show nve peers

Interface	Peer-IP	State	LearnType	Uptime	Router-Mac
nve1	192.168.2.5	Up	DP	2d20h	n/a

9396-A# show nve vni

Codes: CP - Control Plane DP - Data Plane
 UC - Unconfigured SA - Suppress ARP

Interface	VNI	Multicast-group	State	Mode	Type	[BD/VRF]	Flags
nve1	160010	203.0.113.1	Up	DP	L2	[10]	
nve1	160020	203.0.113.1	Up	DP	L2	[20]	

9396-A# show run interface nve1

!Command: show running-config interface nve1
!Time: Sat Apr 25 15:20:45 2015

version 7.0(3)I1(1a)

```
interface nve1
  mtu 9216
  no shutdown
  source-interface loopback1
  member vni 160010 mcast-group 203.0.113.1
  member vni 160020 mcast-group 203.0.113.1
```

9396-A# show nve internal platform interface detail

Printing details of all NVE Interfaces

Intf	State	PriIP	SecIP	Vnis	Peers
nve1	UP	192.168.2.2	192.168.2.1	2	1

SW_BD/VNIs of interface nve1:

Sw BD	Vni	State	Intf	Type	Vrf-ID
10	160010	UP	nve1	DP	0
20	160020	UP	nve1	DP	0

Peers of interface nve1:

=====

peer_ip: 192.168.2.5, peer_id: 1, state: UP MAC-learning: Enabled
active_swbds:
add_pending_swbds:
rem_pending_swbds:

9396-A# show mac address-table vlan 10

Legend:

* - primary entry, G - Gateway MAC, (R) - Routed MAC, O - Overlay MAC
age - seconds since last seen,+ - primary entry using vPC Peer-Link,
(T) - True, (F) - False

VLAN	MAC Address	Type	age	Secure	NTFY	Ports
+ 10	0000.1111.1111	dynamic	0	F	F	nve1(192.168.2.5)
* 10	0000.2222.2222	dynamic	0	F	F	Po48
G -	7c0e.ceca.f177	static	-	F	F	sup-eth1(R)

9396-A# show ip mroute detail

IP Multicast Routing Table for VRF "default"

Total number of routes: 4
Total number of (*,G) routes: 1
Total number of (S,G) routes: 2
Total number of (*,G-prefix) routes: 1

(* , 231.1.1.1/32), uptime: 2d21h, nve(1) ip(0) pim(0)

Data Created: No
Stats: 1/64 [Packets/Bytes], 0.000 bps
Stats: Inactive Flow
Incoming interface: Ethernet1/7, RPF nbr: 192.168.1.1
Outgoing interface list: (count: 1)
nve1, uptime: 2d21h, nve

(192.168.2.1/32, 203.0.113.1/32), uptime: 2d21h, nve(0) ip(0) mrib(0) pim(0)

Data Created: Yes
VXLAN Flags
VXLAN Encap
Stats: 1/51 [Packets/Bytes], 0.000 bps
Stats: Inactive Flow
Incoming interface: loopback1, RPF nbr: 192.168.2.1
Outgoing interface list: (count: 0)

(192.168.2.5/32, 203.0.113.1/32), uptime: 2d21h, ip(0) mrib(0) nve(1) pim(0)

Data Created: Yes
Stats: 16474/1370086 [Packets/Bytes], 13.600 bps
Stats: Active Flow
Incoming interface: Ethernet1/7, RPF nbr: 192.168.1.1
Outgoing interface list: (count: 1)
nve1, uptime: 2d21h, nve

(* , 232.0.0.0/8), uptime: 2d21h, pim(0) ip(0)

Data Created: No
Stats: 0/0 [Packets/Bytes], 0.000 bps
Stats: Inactive Flow
Incoming interface: Null, RPF nbr: 0.0.0.0
Outgoing interface list: (count: 0)

9396-A# show vpc

Legend:

(*) - local vPC is down, forwarding via vPC peer-link

vPC domain id : 1
Peer status : peer adjacency formed ok
vPC keep-alive status : peer is alive


```

Configuration consistency status : success
Per-vlan consistency status      : success
Type-2 consistency status       : success
vPC role                         : secondary
Number of vPCs configured       : 1
Peer Gateway                     : Enabled
Dual-active excluded VLANs      : -
Graceful Consistency Check      : Enabled
Auto-recovery status            : Disabled

```

vPC Peer-link status

```

-----
id   Port   Status Active vlans
--   -
1    Po1    up     1,10,20

```

vPC status

```

-----
id   Port   Status Consistency Reason           Active vlans
--   -
48   Po48   up     success    success                       1,10

```

9396-B

9396-B# show nve peers

```

Interface Peer-IP           State LearnType Uptime  Router-Mac
-----
nve1      192.168.2.5              Up     DP           1w0d   n/a

```

9396-B# show nve vni

```

Codes: CP - Control Plane      DP - Data Plane
       UC - Unconfigured       SA - Suppress ARP

```

```

Interface VNI           Multicast-group State Mode Type [BD/VRF]  Flags
-----
nve1      160010  203.0.113.1      Up   DP   L2 [10]
nve1      160020  203.0.113.1      Up   DP   L2 [20]

```

9396-B# show run interface nve1

```

!Command: show running-config interface nve1
!Time: Sat Apr 25 15:23:25 2015

```

```

version 7.0(3)I1(1b)

```

```

interface nve1
  mtu 9216
  no shutdown
  source-interface loopback1
  member vni 160010 mcast-group 203.0.113.1
  member vni 160020 mcast-group 203.0.113.1

```

9396-B# show nve internal platform interface detail

Printing details of all NVE Interfaces

```

|=====|=====|=====|=====|=====| |
|Intf   |State   |PriIP   |SecIP   |Vnis    |Peers  |
|=====|=====|=====|=====|=====|
|nve1   |UP      |192.168.2.3 |192.168.2.1 |2       |1      |
|=====|=====|=====|=====|=====|

```

SW_BD/VNIs of interface nve1:

```

=====

```

Sw BD	Vni	State	Intf	Type	Vrf-ID
10	160010	UP	nve1	DP	0
20	160020	UP	nve1	DP	0

Peers of interface nve1:

=====

peer_ip: 192.168.2.5, peer_id: 1, state: UP MAC-learning: Enabled

active_swbds:

add_pending_swbds:

rem_pending_swbds:

9396-B# show mac address-table vlan 10

Legend:

* - primary entry, G - Gateway MAC, (R) - Routed MAC, O - Overlay MAC
age - seconds since last seen, + - primary entry using vPC Peer-Link,
(T) - True, (F) - False

VLAN	MAC Address	Type	age	Secure	NTFY	Ports
* 10	0000.1111.1111	dynamic	0	F	F	nve1(192.168.2.5)
+ 10	0000.2222.2222	dynamic	0	F	F	Po48
G -	58f3.9ca3.64dd	static	-	F	F	sup-eth1(R)

9396-B# show ip mroute detail

IP Multicast Routing Table for VRF "default"

Total number of routes: 4

Total number of (*,G) routes: 1

Total number of (S,G) routes: 2

Total number of (*,G-prefix) routes: 1

(*, 231.1.1.1/32), uptime: 2w1d, nve(1) ip(0) pim(0)

Data Created: No

VXLAN Flags

VXLAN Decap

VPC Flags

RPF-Source Forwarder

Stats: 1/64 [Packets/Bytes], 0.000 bps

Stats: Inactive Flow

Incoming interface: Ethernet1/7, RPF nbr: 192.168.1.5

Outgoing interface list: (count: 1)

nve1, uptime: 2w1d, nve

(192.168.2.1/32, 203.0.113.1/32), uptime: 2w1d, nve(0) ip(0) mrrib(0) pim(1)

Data Created: Yes

VXLAN Flags

VXLAN Encap

VPC Flags

RPF-Source Forwarder

Stats: 5/511 [Packets/Bytes], 0.000 bps

Stats: Inactive Flow

Incoming interface: loopback1, RPF nbr: 192.168.2.1

Outgoing interface list: (count: 1)

Ethernet1/7, uptime: 1w0d, pim

(192.168.2.5/32, 203.0.113.1/32), uptime: 2w1d, ip(0) mrrib(0) pim(0) nve(1)

Data Created: Yes

VXLAN Flags

VXLAN Decap

VPC Flags

RPF-Source Forwarder

Stats: 86621/7241564 [Packets/Bytes], 13.600 bps

```
Stats: Active Flow
Incoming interface: Ethernet1/7, RPF nbr: 192.168.1.5
Outgoing interface list: (count: 1)
    nve1, uptime: 2w1d, nve
```

```
(* , 232.0.0.0/8), uptime: 2w1d, pim(0) ip(0)
Data Created: No
Stats: 0/0 [Packets/Bytes], 0.000 bps
Stats: Inactive Flow
Incoming interface: Null, RPF nbr: 0.0.0.0
Outgoing interface list: (count: 0)
```

```
9396-B# show vpc
```

```
Legend:
```

```
(*) - local vPC is down, forwarding via vPC peer-link
```

```
vPC domain id : 1
Peer status : peer adjacency formed ok
vPC keep-alive status : peer is alive
Configuration consistency status : success
Per-vlan consistency status : success
Type-2 consistency status : success
vPC role : primary
Number of vPCs configured : 1
Peer Gateway : Enabled
Dual-active excluded VLANs : -
Graceful Consistency Check : Enabled
Auto-recovery status : Disabled
```

```
vPC Peer-link status
```

```
-----
id  Port  Status Active vlans
--  ----  -----
1   Po1   up     1,10,20
```

```
vPC status
```

```
-----
id  Port  Status Consistency Reason          Active vlans
--  ----  -----
48  Po48  up     success  success          1,10
```

VXLAN 封包擷取

封包擷取 (PCAP) 來自上一個拓撲，其中包含網路圖中所顯示拓撲的 OSPF hello、PIM 加入/註冊和 VXLAN 封裝流量。您可以注意到有一些網際網路控制訊息協定(ICMP)旗標，例如「無回應」。這是因為在 RP 上完成監控作業階段的性質。

監控作業階段包含的介面 Eth4/17-18 和 Eth4/20，因此會拋出一些給 Wireshark。重要的資訊為格式和旗標。

註：所有封裝的封包 (BUM或已知單點傳播) 均源自於要傳至遠端VTEP回送IP的VTEP回送 IP。這是任何 vPC VTEP 上的次要回送 IP。

BUM (廣播、未知單點傳播、多點傳送) 流量可以傳至mcast群組。

單點傳播流量將傳至遠端 VTEP 回送 IP。

Filter: vlan Expression.. Clear Apply Save

No.	Time	Source	Destination	Protocol	Length	Info
167	12:58:10.9429990	Ctekrnix_11:11:11	Broadcast	ARP	114	Who has 10.10.10.2? Tell 10.10.10.1
170	12:58:12.9439704	Ctekrnix_11:11:11	Broadcast	ARP	114	Who has 10.10.10.2? Tell 10.10.10.1
180	12:58:16.9429297	Ctekrnix_11:11:11	Broadcast	ARP	114	Who has 10.10.10.2? Tell 10.10.10.1
181	12:58:16.9439166	VisualTe_22:22:22	Tektrnix_11:11:11	ARP	114	10.10.10.2 is at 00:00:22:22:22:22
182	12:58:16.9439177	VisualTe_22:22:22	Tektrnix_11:11:11	ARP	114	10.10.10.2 is at 00:00:22:22:22:22
192	12:58:24.9453125	Ctekrnix_11:11:11	Broadcast	ARP	114	Who has 10.10.10.2? Tell 10.10.10.1
193	12:58:24.9484137	VisualTe_22:22:22	Tektrnix_11:11:11	ARP	114	10.10.10.2 is at 00:00:22:22:22:22
194	12:58:24.9484148	VisualTe_22:22:22	Tektrnix_11:11:11	ARP	114	10.10.10.2 is at 00:00:22:22:22:22
203	12:58:26.9509390	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=256/1, ttl=255 (no response found!)
204	12:58:26.9509404	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=256/1, ttl=255 (reply in 205)
205	12:58:26.9520699	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=256/1, ttl=255 (request in 204)
206	12:58:26.9520713	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=256/1, ttl=255
207	12:58:26.9917102	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=512/2, ttl=255 (no response found!)
208	12:58:26.9917116	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=512/2, ttl=255 (reply in 209)
209	12:58:26.9922666	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=512/2, ttl=255 (request in 208)
210	12:58:26.9922680	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=512/2, ttl=255
211	12:58:26.9953011	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=768/3, ttl=255 (no response found!)
212	12:58:26.9953025	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=768/3, ttl=255 (reply in 213)
213	12:58:26.9956688	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=768/3, ttl=255 (request in 212)
214	12:58:26.9956700	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=768/3, ttl=255
215	12:58:26.9998814	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=1024/4, ttl=255 (no response found!)
216	12:58:26.9998828	10.10.10.1	10.10.10.2	ICMP	152	Echo (ping) request id=0x4004, seq=1024/4, ttl=255 (reply in 217)
217	12:58:27.0002376	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=1024/4, ttl=255 (request in 216)
218	12:58:27.0002390	10.10.10.2	10.10.10.1	ICMP	152	Echo (ping) reply id=0x4004, seq=1024/4, ttl=255

Frame 209: 152 bytes on wire (1216 bits) 152 bytes captured (1216 bits)

Ethernet II, Src: Cisco_Ob:60:45 (84:78:ac:0b:60:45), Dst: Cisco_fc:5a:01 (4c:00:82:fc:5a:01)

Internet Protocol Version 4, Src: 192.168.2.1 (192.168.2.1), Dst: 192.168.2.5 (192.168.2.5)

User Datagram Protocol, Src Port: 4993 (4993), Dst Port: 4789 (4789)

Source Port: 4993 (4993)

Destination Port: 4789 (4789) **UDP Dest, Port - 4789**

Length: 114

Checksum: 0x0000 (none)

[Stream index: 4]

Virtual extensible Local Area Network

Flags: 0x08

Reserved: 0x000000

VLAN Network Identifier (VNI): 160010 **VNI = 160010**

Encapsulated:

Ethernet II, Src: VisualTe_22:22:22 (00:00:22:22:22:22), Dst: Tektrnix_11:11:11 (00:00:11:11:11:11)

Internet Protocol Version 4, Src: 10.10.10.2 (10.10.10.2), Dst: 10.10.10.1 (10.10.10.1)

Internet Control Message Protocol

Outer Encapsulation

Original Ethernet Frame

疑難排解

目前尚無特定資訊可用於排解此組態的疑難問題。

相關資訊

- [VXLAN概覽：Cisco Nexus 9000系列交換機](#)
- [技術支援與文件 - Cisco Systems](#)

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）。