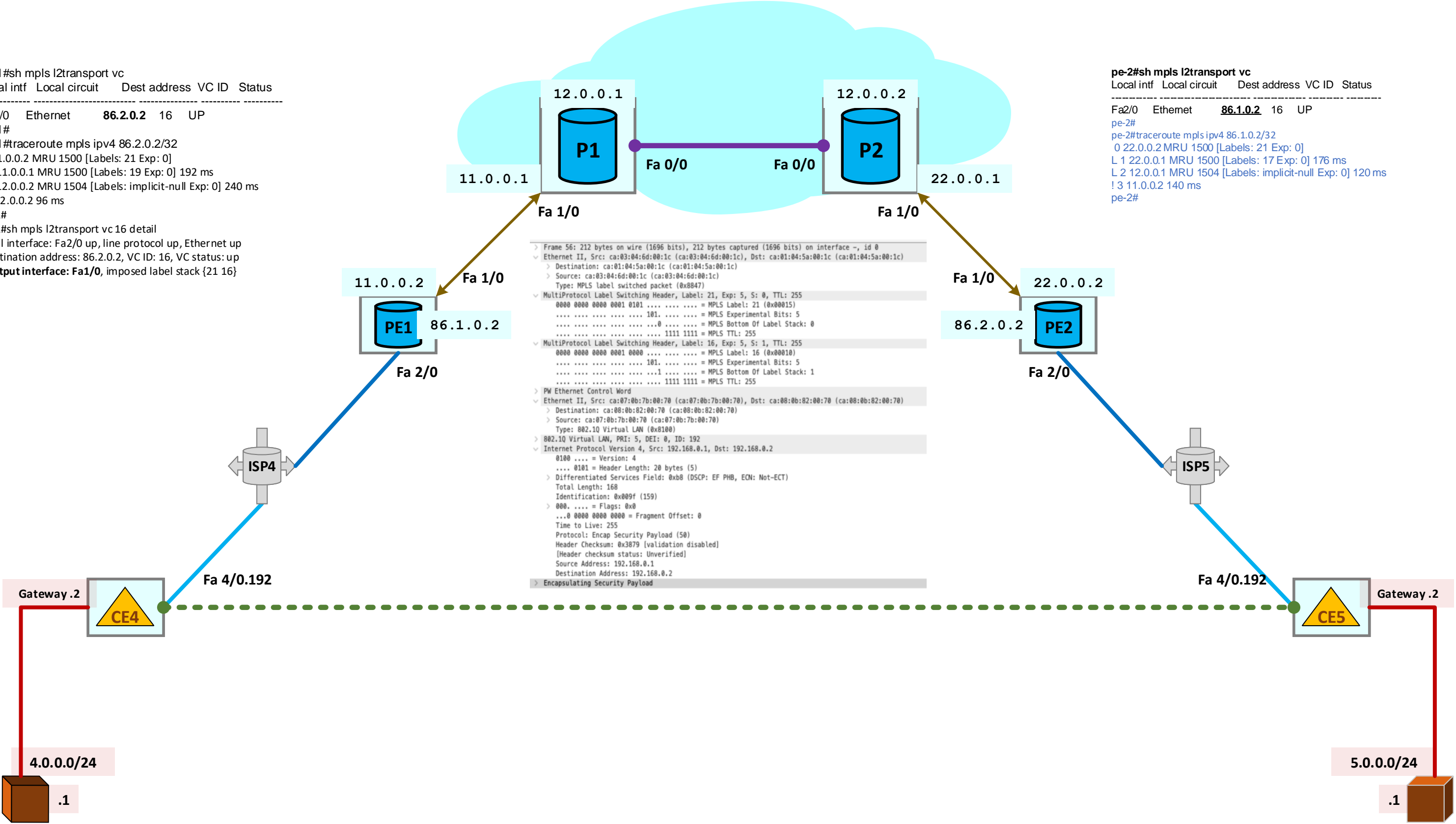


```
pe-1#sh mpls l2transport vc
Local intf  Local circuit  Dest address VC ID  Status
-----
Fa2/0  Ethernet      86.2.0.2  16  UP
pe-1#
pe-1#traceroute mpls ipv4 86.2.0.2/32
0 11.0.0.2 MRU 1500 [Labels: 21 Exp: 0]
L 1 11.0.0.1 MRU 1500 [Labels: 19 Exp: 0] 192 ms
L 2 12.0.0.2 MRU 1504 [Labels: implicit-null Exp: 0] 240 ms
! 3 22.0.0.2 96 ms
pe-1#
pe-1#sh mpls l2transport vc 16 detail
Local interface: Fa2/0 up, line protocol up, Ethernet up
Destination address: 86.2.0.2, VC ID: 16, VC status: up
Output interface: Fa1/0, imposed label stack {21 16}
```

```
pe-2#sh mpls l2transport vc
Local intf  Local circuit  Dest address VC ID  Status
-----
Fa2/0  Ethernet      86.1.0.2  16  UP
pe-2#
pe-2#traceroute mpls ipv4 86.1.0.2/32
0 22.0.0.2 MRU 1500 [Labels: 21 Exp: 0]
L 1 22.0.0.1 MRU 1500 [Labels: 17 Exp: 0] 176 ms
L 2 12.0.0.1 MRU 1504 [Labels: implicit-null Exp: 0] 120 ms
! 3 11.0.0.2 140 ms
pe-2#
```

```
> Frame 56: 212 bytes on wire (1696 bits), 212 bytes captured (1696 bits) on interface ~, id 0
> Ethernet II, Src: ca:03:04:6d:00:1c (ca:03:04:6d:00:1c), Dst: ca:01:04:5a:00:1c (ca:01:04:5a:00:1c)
> Destination: ca:01:04:5a:00:1c (ca:01:04:5a:00:1c)
> Source: ca:03:04:6d:00:1c (ca:03:04:6d:00:1c)
Type: MPLS label switched packet (0x8847)
> MultiProtocol Label Switching Header, Label: 21, Exp: 5, S: 0, TTL: 255
0000 0000 0000 0001 0101 .... = MPLS Label: 21 (0x00015)
.... = MPLS Experimental Bits: 5
.... = MPLS Bottom Of Label Stack: 0
.... 1111 1111 = MPLS TTL: 255
> MultiProtocol Label Switching Header, Label: 16, Exp: 5, S: 1, TTL: 255
0000 0000 0000 0001 0000 .... = MPLS Label: 16 (0x00010)
.... = MPLS Experimental Bits: 5
.... = MPLS Bottom Of Label Stack: 1
.... 1111 1111 = MPLS TTL: 255
> PW Ethernet Control Word
> Ethernet II, Src: ca:07:0b:7b:00:70 (ca:07:0b:7b:00:70), Dst: ca:08:0b:82:00:70 (ca:08:0b:82:00:70)
> Destination: ca:08:0b:82:00:70 (ca:08:0b:82:00:70)
> Source: ca:07:0b:7b:00:70 (ca:07:0b:7b:00:70)
Type: 802.1Q Virtual LAN (0x8100)
> 802.1Q Virtual LAN, PRI: 5, DEI: 0, ID: 192
> Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.2
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
> Differentiated Services Field: 0xb8 (DSCP: EF PHB, ECN: Not-ECT)
Total Length: 168
Identification: 0x009f (159)
> 000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 255
Protocol: Encap Security Payload (50)
Header Checksum: 0x3879 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.1
Destination Address: 192.168.0.2
> Encapsulating Security Payload
```



```
CE-4#clear arp
CE-4#
*Nov 25 01:16:00.703: ARP: flushing ARP entries for all interfaces
*Nov 25 01:16:00.711: IP ARP: sent rep src 4.0.0.2 ca07.0b7b.0008,
dst 4.0.0.2 ffff.ffff.ffff FastEthernet0/0
*Nov 25 01:16:00.715: IP ARP: sent rep src 192.168.0.1 ca07.0b7b.0070,
dst 192.168.0.1 ffff.ffff.ffff FastEthernet4/0.192
*Nov 25 01:16:00.719: IP ARP: sent req src 192.168.0.1 ca07.0b7b.0070,
dst 192.168.0.2 ca08.0b82.0070 FastEthernet4/0.192
*Nov 25 01:16:00.723: IP ARP: sent req src 4.0.0.2 ca07.0b7b.0008,
dst 4.0.0.1 ca09.735d.0008 FastEthernet0/0
CE-4#
*Nov 25 01:16:00.787: IP ARP: rcvd rep src 4.0.0.1 ca09.735d.0008, dst 4.0.0.2 FastEthernet0/0
*Nov 25 01:16:00.851: IP ARP: rcvd rep src 192.168.0.2 ca08.0b82.0070, dst 192.168.0.1 FastEthernet4/0.192
CE-4#
```

