Protocolo de Ligação de Dados

Relatório

Universidade do Porto

Faculdade de Engenharia

FEUP

Mestrado Integrado em Engenharia Informática e Computação

Redes de Computadores

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1 Sumário

Coisas doces.

2 Introdução

Neste relatório iremos descrever o nosso segundo trabalho laboratorial, que teve como objectivos desenvolver uma aplicação de download FTP e a configuração de uma rede utilizando vlans em switch managed e router comercial CISCO.

3 Aplicação de Download FTP

3.1 Arquitectura

3.2 Exemplo de um download com sucesso

Mais coisas doces. Não, docinhas.

4 Configuração da Rede e Análise

4.1 Experiência 1 - *Configure an IP Network*

4.1.1 Objectivos

Fazer coisas.

4.1.2 Comandos

tux1 ¿service networking restart ¿ifconfig eth0 up ¿ifcongig eth0 172.16.50.1/24
tux4 ¿service networking restart ¿ifconfig eth0 up ¿ifconfig eth0 172.16.50.254/24

4.1.3 Análise de Logs

Conforme o log em anexo, concluiem-se coisas.

WireShark Exp 1 - PC 1

```
No.      Time              Source                    Destination
   Protocol Length Info
      1 0.000000000     Cisco_3a:f6:0f             Spanning-tree-(for-
         bridges)_00 STP       60      Conf. Root = 32768/50/fc:fb:fb
         :3a:f6:00   Cost = 0   Port = 0x800f

Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
   on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.      Time              Source                    Destination
   Protocol Length Info
```

```
     2 2.004807000     Cisco_3a:f6:0f          Spanning-tree-(for-
         bridges)_00 STP     60     Conf. Root = 32768/50/fc:fb:fb
         :3a:f6:00  Cost = 0  Port = 0x800f

Frame 2: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time              Source                Destination
    Protocol Length Info
     3 2.358074000     Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP      60       Reply

Frame 3: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                                    ........
No.     Time              Source                Destination
    Protocol Length Info
     4 4.009704000     Cisco_3a:f6:0f          Spanning-tree-(for-
         bridges)_00 STP     60     Conf. Root = 32768/50/fc:fb:fb
         :3a:f6:00  Cost = 0  Port = 0x800f

Frame 4: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time              Source                Destination
    Protocol Length Info
     5 6.014507000     Cisco_3a:f6:0f          Spanning-tree-(for-
         bridges)_00 STP     60     Conf. Root = 32768/50/fc:fb:fb
         :3a:f6:00  Cost = 0  Port = 0x800f

Frame 5: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time              Source                Destination
    Protocol Length Info
     6 6.157528000     Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
         CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0
         /13

Frame 6: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
```

```
No.     Time            Source                  Destination
    Protocol Length Info
      7 7.780482000    172.16.0.1              172.16.0.254
          ICMP     98      Echo (ping) request  id=0x272f, seq=1/256,
          ttl=64

Frame 7: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
    172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
      8 7.780667000    172.16.0.254            172.16.0.1
          ICMP     98      Echo (ping) reply    id=0x272f, seq=1/256,
          ttl=64

Frame 8: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
    172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
      9 8.019298000    Cisco_3a:f6:0f          Spanning-tree-(for-
          bridges)_00 STP     60      Conf. Root = 32768/50/fc:fb:fb
          :3a:f6:00  Cost = 0  Port = 0x800f

Frame 9: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time            Source                  Destination
    Protocol Length Info
     10 8.780505000    172.16.0.1              172.16.0.254
          ICMP     98      Echo (ping) request  id=0x272f, seq=2/512,
          ttl=64

Frame 10: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
```

```
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
    172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.    Time              Source               Destination
    Protocol Length Info
    11 8.780671000     172.16.0.254          172.16.0.1
        ICMP      98      Echo (ping) reply    id=0x272f, seq=2/512,
        ttl=64

Frame 11: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
    172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.    Time              Source               Destination
    Protocol Length Info
    12 9.780522000     172.16.0.1            172.16.0.254
        ICMP      98      Echo (ping) request  id=0x272f, seq=3/768,
        ttl=64

Frame 12: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
    172.16.0.254 (172.16.0.254)
Internet Control Message Protocol
```

```
No.     Time              Source                    Destination
    Protocol Length Info
     13 9.780665000    172.16.0.254              172.16.0.1
         ICMP     98      Echo (ping) reply    id=0x272f, seq=3/768,
         ttl=64

Frame 13: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
    172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.     Time              Source                    Destination
    Protocol Length Info
     14 10.024233000   Cisco_3a:f6:0f            Spanning-tree-(for-
         bridges)_00 STP      60      Conf. Root = 32768/50/fc:fb:fb
         :3a:f6:00  Cost = 0  Port = 0x800f

Frame 14: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time              Source                    Destination
    Protocol Length Info
     15 10.780521000   172.16.0.1                172.16.0.254
         ICMP     98      Echo (ping) request  id=0x272f, seq=4/1024,
         ttl=64

Frame 15: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
    172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.     Time              Source                    Destination
    Protocol Length Info
     16 10.780661000   172.16.0.254              172.16.0.1
         ICMP     98      Echo (ping) reply    id=0x272f, seq=4/1024,
         ttl=64

Frame 16: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
```

```
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
    172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.    Time              Source                Destination
   Protocol Length Info
    17 11.780554000   172.16.0.1              172.16.0.254
        ICMP     98      Echo (ping) request  id=0x272f, seq=5/1280,
        ttl=64

Frame 17: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
    172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.    Time              Source                Destination
   Protocol Length Info
    18 11.780697000   172.16.0.254            172.16.0.1
        ICMP     98      Echo (ping) reply    id=0x272f, seq=5/1280,
        ttl=64

Frame 18: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
    172.16.0.1 (172.16.0.1)
Internet Control Message Protocol
```

```
No.      Time              Source                    Destination
   Protocol Length Info
     19 12.029014000    Cisco_3a:f6:0f          Spanning-tree-(for-
        bridges)_00 STP      60      Conf. Root = 32768/50/fc:fb:fb
        :3a:f6:00  Cost = 0  Port = 0x800f

Frame 19: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
   on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.      Time              Source                    Destination
   Protocol Length Info
     20 12.364873000    Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60       Reply

Frame 20: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
   on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                         ........

No.      Time              Source                    Destination
   Protocol Length Info
     21 12.780579000    172.16.0.1              172.16.0.254
        ICMP      98       Echo (ping) request  id=0x272f, seq=6/1536,
        ttl=64

Frame 21: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
   on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
   172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.      Time              Source                    Destination
   Protocol Length Info
     22 12.780725000    172.16.0.254            172.16.0.1
        ICMP      98       Echo (ping) reply    id=0x272f, seq=6/1536,
        ttl=64
```

```
Frame 22: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
   172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.    Time            Source                Destination
   Protocol Length Info
   23 13.780534000    172.16.0.1            172.16.0.254
      ICMP      98      Echo (ping) request  id=0x272f, seq=7/1792,
         ttl=64

Frame 23: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
      Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
   172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.    Time            Source                Destination
   Protocol Length Info
   24 13.780711000    172.16.0.254          172.16.0.1
      ICMP      98      Echo (ping) reply    id=0x272f, seq=7/1792,
         ttl=64

Frame 24: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
   172.16.0.1 (172.16.0.1)
```

```
Internet Control Message Protocol

No.     Time              Source                Destination
   Protocol Length Info
     25 14.033806000   Cisco_3a:f6:0f          Spanning-tree-(for-
        bridges)_00 STP     60      Conf. Root = 32768/50/fc:fb:fb
        :3a:f6:00   Cost = 0   Port = 0x800f

Frame 25: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
     on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time              Source                Destination
   Protocol Length Info
     26 14.780535000   172.16.0.1              172.16.0.254
        ICMP      98      Echo (ping) request  id=0x272f, seq=8/2048,
        ttl=64

Frame 26: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
     on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.1 (172.16.0.1), Dst:
   172.16.0.254 (172.16.0.254)
Internet Control Message Protocol

No.     Time              Source                Destination
   Protocol Length Info
     27 14.780682000   172.16.0.254            172.16.0.1
        ICMP      98      Echo (ping) reply    id=0x272f, seq=8/2048,
        ttl=64

Frame 27: 98 bytes on wire (784 bits), 98 bytes captured (784 bits)
     on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.0.254 (172.16.0.254), Dst:
   172.16.0.1 (172.16.0.1)
Internet Control Message Protocol

No.     Time              Source                Destination
   Protocol Length Info
     28 16.038625000   Cisco_3a:f6:0f          Spanning-tree-(for-
        bridges)_00 STP     60      Conf. Root = 32768/50/fc:fb:fb
        :3a:f6:00   Cost = 0   Port = 0x800f
```

```
Frame 28: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol

No.     Time            Source                Destination
   Protocol Length Info
    29 16.792099000    Hewlett-_c3:78:70     Kye_25:13:65
        ARP       60      Who has 172.16.0.1? Tell 172.16.0.254

Frame 29: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
    Padding: 000000000000000000000000000000000000
Address Resolution Protocol (request)

No.     Time            Source                Destination
   Protocol Length Info
    30 16.792139000    Kye_25:13:65          Hewlett-_c3:78:70
        ARP       42      172.16.0.1 is at 00:c0:df:25:13:65

Frame 30: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (reply)
```

WireShark Exp 2.2 - PC 1

```
\lstset{showstringspaces=false,
              frame=tb,
              caption=WireShark Exp 2.2 - PC 1 }
%********************************************* EXP 1
    *********************************************
\begin{lstlisting}
No.     Time            Source                Destination
   Protocol Length Info
     4 4.069034000     Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 4: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
```

```
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                                 ........
No.     Time            Source                  Destination
   Protocol Length Info
   10 14.068085000   Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 10: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                                 ........
No.     Time            Source                  Destination
   Protocol Length Info
   16 24.075339000   Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 16: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
```

```
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                 Destination
   Protocol Length Info
     21 34.082754000    Cisco_3a:f6:0f         Cisco_3a:f6:0f
         LOOP      60       Reply

Frame 21: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                 Destination
   Protocol Length Info
     27 44.090163000    Cisco_3a:f6:0f         Cisco_3a:f6:0f
         LOOP      60       Reply

Frame 27: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                 Destination
   Protocol Length Info
     30 46.564488000    Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
         CDP      436      Device ID: tux-sw5  Port ID: FastEthernet0
         /13
```

```
Frame 30: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source              Destination
   Protocol Length Info
    34 54.089147000    Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 34: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                              ........

No.     Time            Source              Destination
   Protocol Length Info
    40 64.096511000    Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 40: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                              ........

No.     Time            Source              Destination
   Protocol Length Info
    46 74.104428000    Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 46: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
Protocol	Length	Info	
52	84.111366000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
LOOP	60	Reply	

```
Frame 52: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
Protocol	Length	Info	
58	94.110253000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
LOOP	60	Reply	

```
Frame 58: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
     64 104.122712000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 64: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                  (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                  (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
     67 106.566798000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
        CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
        /13

Frame 67: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     71 114.116910000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 71: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                  (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                  (unicast)

```
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
      73 114.646916000   Kye_25:13:65   Broadcast
         ARP   42   Who has 172.16.50.255? Tell 172.16.50.1

Frame 73: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
   on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ..1. .... = LG bit: Locally
         administered address (this is NOT the factory default)
      ....1 .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: ARP (0x0806)
Address Resolution Protocol (request)

No.   Time   Source   Destination
   Protocol Length Info
      74 115.646419000   Kye_25:13:65   Broadcast
         ARP   42   Who has 172.16.50.255? Tell 172.16.50.1

Frame 74: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
   on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ..1. .... = LG bit: Locally
         administered address (this is NOT the factory default)
      ....1 .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: ARP (0x0806)
Address Resolution Protocol (request)

No.   Time   Source   Destination
   Protocol Length Info
      76 116.646413000   Kye_25:13:65   Broadcast
         ARP   42   Who has 172.16.50.255? Tell 172.16.50.1

Frame 76: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
   on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ..1. .... = LG bit: Locally
         administered address (this is NOT the factory default)
      ....1 .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)

```
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    77 117.649465000  Kye_25:13:65            Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 77: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    79 118.646420000  Kye_25:13:65            Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 79: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    80 119.646424000  Kye_25:13:65            Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 80: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
              .... ..0. .... .... .... ....  = LG bit: Globally unique
                  address (factory default)
              .... ...0 .... .... .... ....  = IG bit: Individual address
                  (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
      82 120.663915000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 82: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... ....  = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... ....  = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
      83 121.662435000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 83: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... ....  = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... ....  = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
      85 122.662455000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 85: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)
    on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... ....  = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... ....  = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
        86 124.124073000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
            LOOP      60       Reply

Frame 86: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
    Protocol Length Info
        92 134.153344000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
            LOOP      60       Reply

Frame 92: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
    Protocol Length Info
        98 144.155551000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
            LOOP      60       Reply

Frame 98: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
    on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... ... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time             Source               Destination
   Protocol Length Info
   104 152.528264000   172.16.50.1          172.16.255.255
        ICMP     98      Echo (ping) request  id=0x2d06, seq=1/256,
        ttl=64

Frame 104: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.255.255 (172.16.255.255)
Internet Control Message Protocol

No.     Time             Source               Destination
   Protocol Length Info
   105 153.536569000   172.16.50.1          172.16.255.255
        ICMP     98      Echo (ping) request  id=0x2d06, seq=2/512,
        ttl=64

Frame 105: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
```

```
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.255.255 (172.16.255.255)
Internet Control Message Protocol

No.      Time              Source                  Destination
    Protocol Length Info
    106 154.162958000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 106: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                              ........

No.      Time              Source                  Destination
    Protocol Length Info
    108 154.544694000  172.16.50.1             172.16.255.255
        ICMP      98      Echo (ping) request   id=0x2d06, seq=3/768,
        ttl=64

Frame 108: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.255.255 (172.16.255.255)
Internet Control Message Protocol

No.      Time              Source                  Destination
    Protocol Length Info
    109 155.552592000  172.16.50.1             172.16.255.255
        ICMP      98      Echo (ping) request   id=0x2d06, seq=4/1024,
        ttl=64

Frame 109: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
                  .... ..1. .... .... .... .... = LG bit: Locally
                     administered address (this is NOT the factory default)
                  .... ...1 .... .... .... .... = IG bit: Group address (
                     multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                  Address: Kye_25:13:65 (00:c0:df:25:13:65)
                  .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                  .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
            Type: IP (0x0800)
      Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
         172.16.255.255 (172.16.255.255)
      Internet Control Message Protocol

      No.     Time              Source                  Destination
         Protocol Length Info
         111 156.560608000   172.16.50.1             172.16.255.255
            ICMP      98      Echo (ping) request  id=0x2d06, seq=5/1280,
            ttl=64

      Frame 111: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
         ) on interface 0
      Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
         (ff:ff:ff:ff:ff:ff)
            Destination: Broadcast (ff:ff:ff:ff:ff:ff)
                  Address: Broadcast (ff:ff:ff:ff:ff:ff)
                  .... ..1. .... .... .... .... = LG bit: Locally
                     administered address (this is NOT the factory default)
                  .... ...1 .... .... .... .... = IG bit: Group address (
                     multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                  Address: Kye_25:13:65 (00:c0:df:25:13:65)
                  .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                  .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
            Type: IP (0x0800)
      Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
         172.16.255.255 (172.16.255.255)
      Internet Control Message Protocol

      No.     Time              Source                  Destination
         Protocol Length Info
         112 157.568562000   172.16.50.1             172.16.255.255
            ICMP      98      Echo (ping) request  id=0x2d06, seq=6/1536,
            ttl=64

      Frame 112: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
         ) on interface 0
      Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
         (ff:ff:ff:ff:ff:ff)
            Destination: Broadcast (ff:ff:ff:ff:ff:ff)
                  Address: Broadcast (ff:ff:ff:ff:ff:ff)
                  .... ..1. .... .... .... .... = LG bit: Locally
                     administered address (this is NOT the factory default)
                  .... ...1 .... .... .... .... = IG bit: Group address (
                     multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                  Address: Kye_25:13:65 (00:c0:df:25:13:65)
                  .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                  .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
            Type: IP (0x0800)
      Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
         172.16.255.255 (172.16.255.255)
      Internet Control Message Protocol

      No.     Time              Source                  Destination
         Protocol Length Info
         116 164.170324000   Cisco_3a:f6:0f          Cisco_3a:f6:0f
            LOOP      60      Reply
```

```
Frame 116: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source              Destination
    Protocol Length Info
    119 166.569121000  Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
        CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 119: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source              Destination
    Protocol Length Info
    123 174.169314000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 123: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source              Destination
    Protocol Length Info
    129 184.176691000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP     60      Reply
```

```
Frame 129: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
    Protocol Length Info
    135 194.184066000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 135: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
    Protocol Length Info
    141 204.191452000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 141: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                           ........
```
No.   Time   Source   Destination
    Protocol Length Info
    147 214.190432000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 147: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ....
0020 00 00 00 00 00 00 00 00   ....
```
No.     Time            Source                Destination
    Protocol Length Info
    153 224.197817000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 153: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                           ........
```

```
No.       Time            Source              Destination
   Protocol Length Info
    155 226.571460000  Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
       CDP      436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 155: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.       Time            Source              Destination
   Protocol Length Info
    158 229.890784000  Kye_25:13:65          Broadcast
       ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 158: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: ARP (0x0806)
Address Resolution Protocol (request)

No.       Time            Source              Destination
   Protocol Length Info
    160 230.890469000  Kye_25:13:65          Broadcast
       ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 160: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: ARP (0x0806)
Address Resolution Protocol (request)

No.       Time            Source              Destination
   Protocol Length Info
    161 231.890410000  Kye_25:13:65          Broadcast
       ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 161: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
```

```
               .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.      Time             Source                  Destination
   Protocol Length Info
     163 232.890838000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 163: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
     Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
           .... ...1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
           .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
           Address: Kye_25:13:65 (00:c0:df:25:13:65)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.      Time             Source                  Destination
   Protocol Length Info
     164 233.890421000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 164: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
     Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
           .... ...1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
           .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
           Address: Kye_25:13:65 (00:c0:df:25:13:65)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
        Type: ARP (0x0806)
Address Resolution Protocol (request)

No.      Time             Source                  Destination
   Protocol Length Info
     165 234.205177000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 165: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
     Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
```

```
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........

No.     Time           Source                Destination
   Protocol Length Info
   167 234.890413000  Kye_25:13:65          Broadcast
      ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 167: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
             .... ...1 .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
             .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time           Source                Destination
   Protocol Length Info
   168 235.890630000  Kye_25:13:65          Broadcast
      ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 168: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
             .... ...1 .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
             .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time           Source                Destination
   Protocol Length Info
   170 236.890409000  Kye_25:13:65          Broadcast
      ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 170: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
```

```
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ...1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    171 237.890410000  Kye_25:13:65            Broadcast
        ARP      42     Who has 172.16.50.255? Tell 172.16.50.1

Frame 171: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ...1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    175 244.212718000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60     Reply

Frame 175: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........

No.     Time            Source                  Destination
    Protocol Length Info
```

```
       181 254.211834000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
          LOOP      60      Reply
Frame 181: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time             Source                  Destination
   Protocol Length Info
       187 264.218953000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
          LOOP      60      Reply
Frame 187: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time             Source                  Destination
   Protocol Length Info
       193 274.231465000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
          LOOP      60      Reply
Frame 193: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
                  Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                  .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                  .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
            Type: Loopback (0x9000)
      Configuration Test Protocol (loopback)
      Data (40 bytes)

      0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
      0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
      0020  00 00 00 00 00 00 00 00                                         ........
      No.    Time                Source                     Destination
         Protocol Length Info
         199 284.238784000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
            LOOP      60      Reply

      Frame 199: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
         ) on interface 0
      Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
         :f6:0f (fc:fb:fb:3a:f6:0f)
         Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
         Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
         Type: Loopback (0x9000)
      Configuration Test Protocol (loopback)
      Data (40 bytes)

      0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
      0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
      0020  00 00 00 00 00 00 00 00                                         ........
      No.    Time                Source                     Destination
         Protocol Length Info
         201 286.573925000  Cisco_3a:f6:0f           CDP/VTP/DTP/PAgP/UDLD
            CDP      436      Device ID: tux-sw5  Port ID: FastEthernet0
            /13

      Frame 201: 436 bytes on wire (3488 bits), 436 bytes captured (3488
         bits) on interface 0
      IEEE 802.3 Ethernet
      Logical-Link Control
      Cisco Discovery Protocol

      No.    Time                Source                     Destination
         Protocol Length Info
         206 294.232819000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
            LOOP      60      Reply

      Frame 206: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
         ) on interface 0
      Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
         :f6:0f (fc:fb:fb:3a:f6:0f)
         Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
         Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                  Destination
    Protocol Length Info
    212 304.240092000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 212: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                  Destination
    Protocol Length Info
    218 314.239427000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 218: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

```
No.      Time            Source                  Destination
   Protocol Length Info
     224 324.246462000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60      Reply

Frame 224: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
     Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
     Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
   Protocol Length Info
     230 334.253900000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60      Reply

Frame 230: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
     Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
     Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
   Protocol Length Info
     236 344.261214000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60      Reply

Frame 236: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
     Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
Protocol	Length	Info	
238	346.576187000	Cisco_3a:f6:0f	CDP/VTP/DTP/PAgP/UDLD
CDP	436	Device ID: tux-sw5	Port ID: FastEthernet0 /13

```
Frame 238: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
```

No.	Time	Source	Destination
Protocol	Length	Info	
243	354.265643000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
LOOP	60	Reply	

```
Frame 243: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
Protocol	Length	Info	
249	364.272688000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
LOOP	60	Reply	

```
Frame 249: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
```

```
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                Destination
   Protocol Length Info
   254 371.459283000  Kye_25:13:65           Broadcast
      ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 254: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                Destination
   Protocol Length Info
   255 372.458414000  Kye_25:13:65           Broadcast
      ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 255: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: ARP (0x0806)
Address Resolution Protocol (request)
No.     Time            Source                Destination
   Protocol Length Info
   257 373.458413000  Kye_25:13:65           Broadcast
      ARP      42     Who has 172.16.50.255?  Tell 172.16.50.1

Frame 257: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source              Destination
   Protocol Length Info
    258 374.274995000   Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 258: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
    259 374.458851000   Kye_25:13:65         Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 259: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source              Destination
   Protocol Length Info
    261 375.458412000   Kye_25:13:65         Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1
```

```
Frame 261: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    262 376.458464000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 262: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    264 377.458681000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 264: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    265 378.458481000  Kye_25:13:65            Broadcast
        ARP      42      Who has 172.16.50.255?  Tell 172.16.50.1
```

```
Frame 265: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    267 379.458480000   Kye_25:13:65            Broadcast
        ARP     42      Who has 172.16.50.255?  Tell 172.16.50.1

Frame 267: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time            Source                  Destination
    Protocol Length Info
    270 384.282377000   Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 270: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                             ........
```

```
No.     Time            Source                  Destination
    Protocol Length Info
    276 394.281339000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 276: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                  Destination
    Protocol Length Info
    282 404.288735000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 282: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                  Destination
    Protocol Length Info
    284 406.584342000  Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        CDP      436      Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 284: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source                  Destination
    Protocol Length Info
```

```
      289 414.301167000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
          LOOP     60      Reply
Frame 289: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ...0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ...0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time              Source                Destination
   Protocol Length Info
      291 416.204585000  172.16.50.1           172.16.50.255
          ICMP     98      Echo (ping) request  id=0x2db1, seq=1/256,
          ttl=64

Frame 291: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ...0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                Destination
   Protocol Length Info
      293 417.203536000  172.16.50.1           172.16.50.255
          ICMP     98      Echo (ping) request  id=0x2db1, seq=2/512,
          ttl=64

Frame 293: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    294 418.202550000  172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2db1, seq=3/768,
        ttl=64

Frame 294: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    296 419.202524000  172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2db1, seq=4/1024,
        ttl=64

Frame 296: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    299 424.308631000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 299: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
    Protocol Length Info
    305 434.302601000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

```
Frame 305: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
    Protocol Length Info
    311 444.309953000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

```
Frame 311: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
```

```
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
      317 454.309509000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
         LOOP   60   Reply

Frame 317: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
      323 464.316241000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
         LOOP   60   Reply

Frame 323: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
      325 466.587116000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

```
Frame 325: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source              Destination
    Protocol Length Info
    330 474.210743000  172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dd3, seq=1/256,
        ttl=64

Frame 330: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source              Destination
    Protocol Length Info
    331 474.323599000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 331: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time              Source              Destination
    Protocol Length Info
    333 475.210509000  172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dd3, seq=2/512,
        ttl=64

Frame 333: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
              Address: Broadcast (ff:ff:ff:ff:ff:ff)
              .... ..1. .... .... .... .... = LG bit: Locally
                  administered address (this is NOT the factory default)
              .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
          Source: Kye_25:13:65 (00:c0:df:25:13:65)
              Address: Kye_25:13:65 (00:c0:df:25:13:65)
              .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
              .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
          Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

  No.     Time              Source                   Destination
      Protocol Length Info
      334 476.210512000   172.16.50.1              172.16.50.255
          ICMP      98      Echo (ping) request  id=0x2dd3, seq=3/768,
          ttl=64

  Frame 334: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
  Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
      (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

  No.     Time              Source                   Destination
      Protocol Length Info
      336 477.210533000   172.16.50.1              172.16.50.255
          ICMP      98      Echo (ping) request  id=0x2dd3, seq=4/1024,
          ttl=64

  Frame 336: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
  Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
      (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

  No.     Time              Source                   Destination
      Protocol Length Info
```

```
 337 478.210531000  172.16.50.1              172.16.50.255
    ICMP      98      Echo (ping) request  id=0x2dd3, seq=5/1280,
    ttl=64

Frame 337: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source                  Destination
   Protocol Length Info
 339 479.210514000  172.16.50.1              172.16.50.255
    ICMP      98      Echo (ping) request  id=0x2dd3, seq=6/1536,
    ttl=64

Frame 339: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source                  Destination
   Protocol Length Info
 342 484.331018000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
    LOOP      60      Reply

Frame 342: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
  ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
```

```
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time             Source                   Destination
   Protocol Length Info
     348 494.330090000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60       Reply

Frame 348: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time             Source                   Destination
   Protocol Length Info
     354 504.337367000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60       Reply

Frame 354: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time             Source                   Destination
   Protocol Length Info
     360 514.344767000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60       Reply
```

```
Frame 360: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
     366 524.352118000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 366: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
     368 526.583232000  Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
        CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 368: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
No.     Time            Source              Destination
   Protocol Length Info
     373 534.351349000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 373: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... ... ... ... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
No.     Time              Source                 Destination
  Protocol Length Info
  376 537.904074000   172.16.50.1            172.16.50.255
      ICMP     98      Echo (ping) request  id=0x2dfb, seq=1/256,
      ttl=64

Frame 376: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol
No.     Time              Source                 Destination
  Protocol Length Info
  377 538.903070000   172.16.50.1            172.16.50.255
      ICMP     98      Echo (ping) request  id=0x2dfb, seq=2/512,
      ttl=64

Frame 377: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
```

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```
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    379 539.902532000   172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=3/768,
        ttl=64

Frame 379: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    380 540.903338000   172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=4/1024,
        ttl=64

Frame 380: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    382 541.902522000   172.16.50.1              172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=5/1280,
        ttl=64

Frame 382: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
```

```
          .... ...1 .... .... .... .... = IG bit: Group address (
             multicast/broadcast)
       Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
       Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
   Internet Control Message Protocol

No.    Time            Source              Destination
   Protocol Length Info
   383 542.902521000   172.16.50.1         172.16.50.255
      ICMP     98      Echo (ping) request  id=0x2dfb, seq=6/1536,
      ttl=64

Frame 383: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
       Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
             .... ...1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
             .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
       Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
       Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
   Internet Control Message Protocol

No.    Time            Source              Destination
   Protocol Length Info
   385 543.902520000   172.16.50.1         172.16.50.255
      ICMP     98      Echo (ping) request  id=0x2dfb, seq=7/1792,
      ttl=64

Frame 385: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
       Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
             .... ...1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
             .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
       Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
       Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
   Internet Control Message Protocol

No.    Time            Source              Destination
   Protocol Length Info
   386 544.363657000   Cisco_3a:f6:0f      Cisco_3a:f6:0f
      LOOP     60      Reply
```

```
Frame 386: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                 Destination
    Protocol Length Info
    387 544.902557000  172.16.50.1            172.16.50.255
        ICMP    98      Echo (ping) request  id=0x2dfb, seq=8/2048,
        ttl=64

Frame 387: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                 Destination
    Protocol Length Info
    389 545.902534000  172.16.50.1            172.16.50.255
        ICMP    98      Echo (ping) request  id=0x2dfb, seq=9/2304,
        ttl=64

Frame 389: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.     Time                Source                  Destination
    Protocol Length Info
    390 546.902525000  172.16.50.1          172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=10/2560,
        ttl=64

Frame 390: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time                Source                  Destination
    Protocol Length Info
    392 547.902554000  172.16.50.1          172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=11/2816,
        ttl=64

Frame 392: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time                Source                  Destination
    Protocol Length Info
    393 548.902530000  172.16.50.1          172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=12/3072,
        ttl=64

Frame 393: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
                    .... ...1. .... .... .... .... = LG bit: Locally
                        administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                        multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.     Time              Source                   Destination
    Protocol Length Info
        395 549.902538000  172.16.50.1              172.16.50.255
            ICMP     98      Echo (ping) request  id=0x2dfb, seq=13/3328,
            ttl=64

Frame 395: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
                    .... ...1. .... .... .... .... = LG bit: Locally
                        administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                        multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.     Time              Source                   Destination
    Protocol Length Info
        396 550.902540000  172.16.50.1              172.16.50.255
            ICMP     98      Echo (ping) request  id=0x2dfb, seq=14/3584,
            ttl=64

Frame 396: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
                    .... ...1. .... .... .... .... = LG bit: Locally
                        administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                        multicast/broadcast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.     Time              Source                   Destination
    Protocol Length Info
        398 551.902558000  172.16.50.1              172.16.50.255
            ICMP     98      Echo (ping) request  id=0x2dfb, seq=15/3840,
```

```
                      ttl=64
Frame 398: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ...1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source               Destination
   Protocol Length Info
   399 552.902523000   172.16.50.1          172.16.50.255
      ICMP     98     Echo (ping) request  id=0x2dfb, seq=16/4096,
      ttl=64

Frame 399: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ...1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source               Destination
   Protocol Length Info
   401 553.903406000   172.16.50.1          172.16.50.255
      ICMP     98     Echo (ping) request  id=0x2dfb, seq=17/4352,
      ttl=64

Frame 401: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ...1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
```

```
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
   Protocol Length Info
   402 554.370928000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 402: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time              Source                  Destination
   Protocol Length Info
   403 554.902532000  172.16.50.1             172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=18/4608,
        ttl=64

Frame 403: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ..1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
   Protocol Length Info
   405 555.902610000  172.16.50.1             172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=19/4864,
        ttl=64

Frame 405: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
                    .... ..1. .... .... .... .... = LG bit: Locally
                       administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                       multicast/broadcast)
         Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                       address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                       (unicast)
         Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source                Destination
   Protocol Length Info
   406 556.902537000   172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq=20/5120,
       ttl=64

Frame 406: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
                    .... ..1. .... .... .... .... = LG bit: Locally
                       administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                       multicast/broadcast)
         Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                       address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                       (unicast)
         Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source                Destination
   Protocol Length Info
   408 557.902598000   172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq=21/5376,
       ttl=64

Frame 408: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
                    .... ..1. .... .... .... .... = LG bit: Locally
                       administered address (this is NOT the factory default)
                    .... ...1 .... .... .... .... = IG bit: Group address (
                       multicast/broadcast)
         Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                       address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                       (unicast)
         Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source                Destination
   Protocol Length Info
   409 558.902520000   172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq=22/5632,
```

```
                    ttl=64
Frame 409: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time             Source                  Destination
    Protocol Length Info
    411 559.902602000   172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=23/5888,
            ttl=64

Frame 411: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time             Source                  Destination
    Protocol Length Info
    412 560.902536000   172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq=24/6144,
            ttl=64

Frame 412: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
```

```
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    414 561.902522000  172.16.50.1            172.16.50.255
        ICMP    98      Echo (ping) request  id=0x2dfb, seq=25/6400,
        ttl=64

Frame 414: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    415 562.902536000  172.16.50.1            172.16.50.255
        ICMP    98      Echo (ping) request  id=0x2dfb, seq=26/6656,
        ttl=64

Frame 415: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    417 563.902528000  172.16.50.1            172.16.50.255
        ICMP    98      Echo (ping) request  id=0x2dfb, seq=27/6912,
        ttl=64

Frame 417: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
```

```
                     .... ...1 .... .... .... .... = IG bit: Group address (
             multicast/broadcast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                 Destination
    Protocol Length Info
    418 564.378390000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 418: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
             .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
             .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........

No.     Time            Source                 Destination
    Protocol Length Info
    419 564.902537000  172.16.50.1            172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=28/7168,
        ttl=64

Frame 419: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
         Address: Broadcast (ff:ff:ff:ff:ff:ff)
             .... ..1. .... .... .... .... = LG bit: Locally
             administered address (this is NOT the factory default)
             .... ...1 .... .... .... .... = IG bit: Group address (
             multicast/broadcast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
             .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                 Destination
    Protocol Length Info
```

```
  421 565.902537000  172.16.50.1              172.16.50.255
      ICMP      98     Echo (ping) request  id=0x2dfb, seq=29/7424,
      ttl=64

Frame 421: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
  (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
  172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source              Destination
   Protocol Length Info
  422 566.902521000  172.16.50.1              172.16.50.255
      ICMP      98     Echo (ping) request  id=0x2dfb, seq=30/7680,
      ttl=64

Frame 422: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
  (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
  172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.    Time              Source              Destination
   Protocol Length Info
  424 567.902521000  172.16.50.1              172.16.50.255
      ICMP      98     Echo (ping) request  id=0x2dfb, seq=31/7936,
      ttl=64

Frame 424: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
  (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source              Destination
    Protocol Length Info
    425 568.902523000  172.16.50.1          172.16.50.255
        ICMP      98     Echo (ping) request  id=0x2dfb, seq=32/8192,
        ttl=64

Frame 425: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source              Destination
    Protocol Length Info
    427 569.902559000  172.16.50.1          172.16.50.255
        ICMP      98     Echo (ping) request  id=0x2dfb, seq=33/8448,
        ttl=64

Frame 427: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source              Destination
    Protocol Length Info
    428 570.902523000  172.16.50.1          172.16.50.255
        ICMP      98     Echo (ping) request  id=0x2dfb, seq=34/8704,
        ttl=64

Frame 428: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    430 571.902539000  172.16.50.1              172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=35/8960,
        ttl=64

Frame 430: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    431 572.902519000  172.16.50.1              172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=36/9216,
        ttl=64

Frame 431: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
          .... ..1. .... .... .... .... = LG bit: Locally
              administered address (this is NOT the factory default)
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    433 573.902523000  172.16.50.1              172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq=37/9472,
```

```
        ttl=64
Frame 433: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ...1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.      Time            Source                  Destination
   Protocol Length Info
   434 574.372247000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 434: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
   Protocol Length Info
   435 574.902599000  172.16.50.1           172.16.50.255
      ICMP      98      Echo (ping) request  id=0x2dfb, seq=38/9728,
      ttl=64

Frame 435: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      .... ...1. .... .... .... .... = LG bit: Locally
         administered address (this is NOT the factory default)
      .... ...1 .... .... .... .... = IG bit: Group address (
         multicast/broadcast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
```

```
                .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
          Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
       172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
     437 575.902537000  172.16.50.1            172.16.50.255
         ICMP      98      Echo (ping) request  id=0x2dfb, seq=39/9984,
         ttl=64

Frame 437: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
     438 576.902521000  172.16.50.1            172.16.50.255
         ICMP      98      Echo (ping) request  id=0x2dfb, seq
         =40/10240, ttl=64

Frame 438: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
     440 577.902535000  172.16.50.1            172.16.50.255
         ICMP      98      Echo (ping) request  id=0x2dfb, seq
         =41/10496, ttl=64

Frame 440: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
            .... ...1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ...0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    441 578.902520000  172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =42/10752, ttl=64

Frame 441: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ...1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ...0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    443 579.902541000  172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =43/11008, ttl=64

Frame 443: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ...1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ...0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    444 580.902521000  172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
```

```
                             =44/11264, ttl=64
Frame 444: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                Destination
    Protocol Length Info
    446 581.902537000  172.16.50.1            172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =45/11520, ttl=64

Frame 446: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                Destination
    Protocol Length Info
    447 582.902511000  172.16.50.1            172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =46/11776, ttl=64

Frame 447: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
```

```
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                    Destination
    Protocol Length Info
    449 583.902525000  172.16.50.1               172.16.50.255
        ICMP      98       Echo (ping) request   id=0x2dfb, seq
        =47/12032, ttl=64

Frame 449: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                    Destination
    Protocol Length Info
    450 584.379638000  Cisco_3a:f6:0f            Cisco_3a:f6:0f
        LOOP      60       Reply

Frame 450: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                    Destination
    Protocol Length Info
    451 584.902578000  172.16.50.1               172.16.50.255
        ICMP      98       Echo (ping) request   id=0x2dfb, seq
        =48/12288, ttl=64

Frame 451: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    453 585.902510000  172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =49/12544, ttl=64

Frame 453: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    454 586.590655000  Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        CDP       436     Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 454: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    455 586.902561000  172.16.50.1             172.16.50.255
        ICMP      98      Echo (ping) request  id=0x2dfb, seq
        =50/12800, ttl=64

Frame 455: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
    457 587.902540000  172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq
       =51/13056, ttl=64

Frame 457: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
    458 588.902521000  172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq
       =52/13312, ttl=64

Frame 458: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
    460 589.902550000  172.16.50.1            172.16.50.255
       ICMP     98      Echo (ping) request  id=0x2dfb, seq
       =53/13568, ttl=64

Frame 460: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
```

```
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    461 590.902543000  172.16.50.1              172.16.50.255
        ICMP     98      Echo (ping) request  id=0x2dfb, seq
        =54/13824, ttl=64

Frame 461: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    464 594.387012000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 464: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020   00 00 00 00 00 00 00 00                                       ........
```

```
No.      Time              Source                    Destination
   Protocol Length Info
   470 604.394391000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
        LOOP     60       Reply
```

Frame 470: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                            ........
```
```
No.      Time              Source                    Destination
   Protocol Length Info
   476 614.393386000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
        LOOP     60       Reply
```

Frame 476: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                            ........
```
```
No.      Time              Source                    Destination
   Protocol Length Info
   482 624.400887000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
        LOOP     60       Reply
```

Frame 482: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... = LG bit: Globally unique
          address (factory default)

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```
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
             .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
No.     Time          Source                  Destination
   Protocol Length Info
   488 634.404940000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 488: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
No.     Time          Source                  Destination
   Protocol Length Info
   494 644.407147000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 494: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020   00 00 00 00 00 00 00 00                          ........
No.       Time             Source                Destination
   Protocol Length Info
   496 646.606944000  Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       CDP      436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13
```

Frame 496: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.       Time             Source                Destination
   Protocol Length Info
   501 654.414527000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60     Reply
```

Frame 501: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ....
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ....
0020   00 00 00 00 00 00 00 00   ....
No.   Time   Source   Destination
   Protocol Length Info
   507 664.421895000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
       LOOP   60   Reply
```

Frame 507: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
```

```
0020  00 00 00 00 00 00 00 00                                ........
No.     Time           Source              Destination
   Protocol Length Info
    513 674.420882000  Cisco_3a:f6:0f      Cisco_3a:f6:0f
       LOOP    60      Reply

Frame 513: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                                ........
No.     Time           Source              Destination
   Protocol Length Info
    519 684.428253000  Cisco_3a:f6:0f      Cisco_3a:f6:0f
       LOOP    60      Reply

Frame 519: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                                ........
No.     Time           Source              Destination
   Protocol Length Info
    525 694.435654000  Cisco_3a:f6:0f      Cisco_3a:f6:0f
       LOOP    60      Reply

Frame 525: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time             Source              Destination
    Protocol Length Info
    531 704.443161000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 531: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time             Source              Destination
    Protocol Length Info
    533 706.606991000  Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
        CDP      436      Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 533: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time             Source              Destination
    Protocol Length Info
    538 714.447327000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 538: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
```

```
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time          Source                Destination
   Protocol Length Info
   544 724.449417000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 544: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time          Source                Destination
   Protocol Length Info
   550 734.456804000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 550: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ············ 00 00 00 00 00 00 00 00 00                                    ........
No.      Time           Source                   Destination
   Protocol Length Info
   556 744.464201000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60       Reply
```

Frame 556: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010 ············ 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ············ 00 00 00 00 00 00 00 00 00                                    ........
No.      Time           Source                   Destination
   Protocol Length Info
   562 754.463129000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60       Reply
```

Frame 562: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010 ············ 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ············ 00 00 00 00 00 00 00 00 00                                    ........
No.      Time           Source                   Destination
   Protocol Length Info
   568 764.470525000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60       Reply
```

Frame 568: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)

```
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

    0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0020  00 00 00 00 00 00 00 00                           ........
    No.     Time            Source                Destination
        Protocol Length Info
        570 766.609383000  Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
            CDP      436    Device ID: tux-sw5  Port ID: FastEthernet0
            /13

    Frame 570: 436 bytes on wire (3488 bits), 436 bytes captured (3488
        bits) on interface 0
    IEEE 802.3 Ethernet
    Logical-Link Control
    Cisco Discovery Protocol

    No.     Time            Source                Destination
        Protocol Length Info
        572 768.601662000  172.16.50.1           172.16.50.255
            ICMP     98     Echo (ping) request  id=0x2e8a, seq=1/256,
            ttl=64

    Frame 572: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
        ) on interface 0
    Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
        (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

    No.     Time            Source                Destination
        Protocol Length Info
        573 769.600652000  172.16.50.1           172.16.50.255
            ICMP     98     Echo (ping) request  id=0x2e8a, seq=2/512,
            ttl=64

    Frame 573: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
        ) on interface 0
    Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
        (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
            .... ..1. .... .... .... .... = LG bit: Locally
                administered address (this is NOT the factory default)
```

```
          .... ...1 .... .... .... .... = IG bit: Group address (
              multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
              .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
              .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

No.      Time              Source                  Destination
    Protocol Length Info
    575 770.599651000   172.16.50.1             172.16.50.255
        ICMP      98       Echo (ping) request   id=0x2e8a, seq=3/768,
        ttl=64

Frame 575: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
              .... ..1. .... .... .... .... = LG bit: Locally
                  administered address (this is NOT the factory default)
              .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
              .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
              .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

No.      Time              Source                  Destination
    Protocol Length Info
    576 771.598671000   172.16.50.1             172.16.50.255
        ICMP      98       Echo (ping) request   id=0x2e8a, seq=4/1024,
        ttl=64

Frame 576: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
      Destination: Broadcast (ff:ff:ff:ff:ff:ff)
          Address: Broadcast (ff:ff:ff:ff:ff:ff)
              .... ..1. .... .... .... .... = LG bit: Locally
                  administered address (this is NOT the factory default)
              .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
              .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
              .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.255 (172.16.50.255)
  Internet Control Message Protocol

No.      Time              Source                  Destination
    Protocol Length Info
    578 772.598527000   172.16.50.1             172.16.50.255
        ICMP      98       Echo (ping) request   id=0x2e8a, seq=5/1280,
        ttl=64
```

```
Frame 578: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    579 773.598543000  172.16.50.1          172.16.50.255
        ICMP      98     Echo (ping) request  id=0x2e8a, seq=6/1536,
        ttl=64

Frame 579: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... .... .... .... = LG bit: Locally
            administered address (this is NOT the factory default)
        .... ...1 .... .... .... .... = IG bit: Group address (
            multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    581 774.474570000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP      60     Reply

Frame 581: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
	Protocol	Length	Info
582	774.598511000	172.16.50.1	172.16.50.255
	ICMP	98	Echo (ping) request id=0x2e8a, seq=7/1792, ttl=64

Frame 582: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... = LG bit: Locally
           administered address (this is NOT the factory default)
        ....1 .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.	Time	Source	Destination
	Protocol	Length	Info
583	775.598522000	172.16.50.1	172.16.50.255
	ICMP	98	Echo (ping) request id=0x2e8a, seq=8/2048, ttl=64

Frame 583: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... = LG bit: Locally
           administered address (this is NOT the factory default)
        ....1 .... = IG bit: Group address (
           multicast/broadcast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.255 (172.16.50.255)
Internet Control Message Protocol

No.	Time	Source	Destination
	Protocol	Length	Info
585	776.598544000	172.16.50.1	172.16.50.255
	ICMP	98	Echo (ping) request id=0x2e8a, seq=9/2304, ttl=64

Frame 585: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
   (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
        .... ..1. .... = LG bit: Locally
           administered address (this is NOT the factory default)

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```

```
            .... ...1 .... .... .... .... = IG bit: Group address (
                multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.      Time              Source                Destination
    Protocol Length Info
    586 777.598542000  172.16.50.1              172.16.50.255
        ICMP     98       Echo (ping) request  id=0x2e8a, seq=10/2560,
        ttl=64

Frame 586: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Broadcast
    (ff:ff:ff:ff:ff:ff)
        Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
                .... ..1. .... .... .... .... = LG bit: Locally
                    administered address (this is NOT the factory default)
                .... ...1 .... .... .... .... = IG bit: Group address (
                    multicast/broadcast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.255 (172.16.50.255)
    Internet Control Message Protocol

No.      Time              Source                Destination
    Protocol Length Info
    591 784.482025000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP     60       Reply

Frame 591: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                                     ........
No.      Time              Source                Destination
    Protocol Length Info
```

```
    597 794.489432000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60      Reply
Frame 597: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.    Time              Source                  Destination
    Protocol Length Info
    603 804.491670000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60      Reply
Frame 603: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.    Time              Source                  Destination
    Protocol Length Info
    609 814.490904000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
        LOOP      60      Reply
Frame 609: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

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        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
    Protocol Length Info
    615 824.498060000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 615: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
    Protocol Length Info
    617 826.611668000  Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
        CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 617: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source              Destination
    Protocol Length Info
    622 834.505467000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 622: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
    628 844.512791000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 628: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
    634 854.511887000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 634: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

```
No.      Time              Source                  Destination
   Protocol Length Info
    636 856.720323000  Hewlett-_c3:78:70     Broadcast
       ARP      60      Who has 172.16.50.1?  Tell 172.16.50.254

Frame 636: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
  ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Broadcast (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
          administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
          multicast/broadcast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: ARP (0x0806)
    Padding: 000000000000000000000000000000000000
Address Resolution Protocol (request)

No.      Time              Source                  Destination
   Protocol Length Info
    637 856.720417000  Kye_25:13:65            Hewlett-_c3:78:70
       ARP      42      172.16.50.1 is at 00:c0:df:25:13:65

Frame 637: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
  ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (reply)

No.      Time              Source                  Destination
   Protocol Length Info
    638 856.720533000  172.16.50.254           172.16.50.1
       ICMP     98      Echo (ping) request  id=0x7295, seq=1/256,
       ttl=64

Frame 638: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
  ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: IP (0x0800)
```

```
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                 Destination
   Protocol Length Info
    639 856.720594000  172.16.50.1             172.16.50.254
        ICMP      98     Echo (ping) reply    id=0x7295, seq=1/256,
        ttl=64

Frame 639: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source                 Destination
   Protocol Length Info
    640 857.719306000  172.16.50.254           172.16.50.1
        ICMP      98     Echo (ping) request  id=0x7295, seq=2/512,
        ttl=64

Frame 640: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                 Destination
   Protocol Length Info
    641 857.719376000  172.16.50.1             172.16.50.254
        ICMP      98     Echo (ping) reply    id=0x7295, seq=2/512,
        ttl=64

Frame 641: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
```

```
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
  Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    643 858.718941000   172.16.50.254          172.16.50.1
        ICMP      98      Echo (ping) request   id=0x7295, seq=3/768,
        ttl=64

Frame 643: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
      Dst: 172.16.50.1 (172.16.50.1)
  Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    644 858.719010000   172.16.50.1            172.16.50.254
        ICMP      98      Echo (ping) reply     id=0x7295, seq=3/768,
        ttl=64

Frame 644: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
      Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
  Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    645 859.718917000   172.16.50.254          172.16.50.1
        ICMP      98      Echo (ping) request   id=0x7295, seq=4/1024,
        ttl=64

Frame 645: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
```

```
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source               Destination
    Protocol Length Info
    646 859.718987000   172.16.50.1          172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x7295, seq=4/1024,
        ttl=64

Frame 646: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
      Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source               Destination
    Protocol Length Info
    648 860.718919000   172.16.50.254        172.16.50.1
        ICMP      98      Echo (ping) request  id=0x7295, seq=5/1280,
        ttl=64

Frame 648: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol
```

```
No.      Time            Source                  Destination
   Protocol Length Info
    649 860.718988000  172.16.50.1             172.16.50.254
        ICMP     98      Echo (ping) reply     id=0x7295, seq=5/1280,
        ttl=64

Frame 649: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.      Time            Source                  Destination
   Protocol Length Info
    650 861.718910000  172.16.50.254           172.16.50.1
        ICMP     98      Echo (ping) request  id=0x7295, seq=6/1536,
        ttl=64

Frame 650: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time            Source                  Destination
   Protocol Length Info
    651 861.718974000  172.16.50.1             172.16.50.254
        ICMP     98      Echo (ping) reply     id=0x7295, seq=6/1536,
        ttl=64

Frame 651: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.254 (172.16.50.254)
    Internet Control Message Protocol

No.     Time              Source                    Destination
    Protocol Length Info
        652 861.734437000  Kye_25:13:65            Hewlett-_c3:78:70
            ARP      42      Who has 172.16.50.254?  Tell 172.16.50.1

Frame 652: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)

No.     Time              Source                    Destination
    Protocol Length Info
        653 861.734571000  Hewlett-_c3:78:70      Kye_25:13:65
            ARP      60      172.16.50.254 is at 00:21:5a:c3:78:70

Frame 653: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: ARP (0x0806)
    Padding: 000000000000000000000000000000000000
Address Resolution Protocol (reply)

No.     Time              Source                    Destination
    Protocol Length Info
        655 862.718898000  172.16.50.254          172.16.50.1
            ICMP     98      Echo (ping) request  id=0x7295, seq=7/1792,
            ttl=64

Frame 655: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
```

```
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time                  Source                  Destination
   Protocol Length Info
   656 862.718973000   172.16.50.1            172.16.50.254
      ICMP        98       Echo (ping) reply    id=0x7295, seq=7/1792,
      ttl=64

Frame 656: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.      Time                  Source                  Destination
   Protocol Length Info
   657 863.718909000   172.16.50.254          172.16.50.1
      ICMP        98       Echo (ping) request  id=0x7295, seq=8/2048,
      ttl=64

Frame 657: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time                  Source                  Destination
   Protocol Length Info
   658 863.718971000   172.16.50.1            172.16.50.254
      ICMP        98       Echo (ping) reply    id=0x7295, seq=8/2048,
      ttl=64
```

```
Frame 658: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    660 864.519209000  Cisco_3a:f6:0f      Cisco_3a:f6:0f
        LOOP     60     Reply

Frame 660: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
    Protocol Length Info
    661 864.718877000  172.16.50.254       172.16.50.1
        ICMP     98     Echo (ping) request  id=0x7295, seq=9/2304,
        ttl=64

Frame 661: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
```

```
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   662 864.718942000  172.16.50.1            172.16.50.254
       ICMP      98      Echo (ping) reply    id=0x7295, seq=9/2304,
       ttl=64

Frame 662: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   663 865.718886000  172.16.50.254          172.16.50.1
       ICMP      98      Echo (ping) request  id=0x7295, seq=10/2560,
       ttl=64

Frame 663: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   664 865.718945000  172.16.50.1            172.16.50.254
       ICMP      98      Echo (ping) reply    id=0x7295, seq=10/2560,
       ttl=64

Frame 664: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time                Source                  Destination
   Protocol Length Info
   666 866.718895000   172.16.50.254            172.16.50.1
       ICMP      98      Echo (ping) request   id=0x7295, seq=11/2816,
       ttl=64

Frame 666: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time                Source                  Destination
   Protocol Length Info
   667 866.718962000   172.16.50.1              172.16.50.254
       ICMP      98      Echo (ping) reply     id=0x7295, seq=11/2816,
       ttl=64

Frame 667: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time                Source                  Destination
   Protocol Length Info
   668 867.718875000   172.16.50.254            172.16.50.1
       ICMP      98      Echo (ping) request   id=0x7295, seq=12/3072,
       ttl=64
```

```
Frame 668: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    669 867.718941000  172.16.50.1            172.16.50.254
        ICMP     98      Echo (ping) reply    id=0x7295, seq=12/3072,
        ttl=64

Frame 669: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    671 868.718909000  172.16.50.254          172.16.50.1
        ICMP     98      Echo (ping) request  id=0x7295, seq=13/3328,
        ttl=64

Frame 671: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
```

```
Internet Control Message Protocol

No.      Time              Source                  Destination
   Protocol Length Info
   672 868.718977000  172.16.50.1            172.16.50.254
      ICMP     98     Echo (ping) reply     id=0x7295, seq=13/3328,
      ttl=64

Frame 672: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.      Time              Source                  Destination
   Protocol Length Info
   673 869.718875000  172.16.50.254          172.16.50.1
      ICMP     98     Echo (ping) request  id=0x7295, seq=14/3584,
      ttl=64

Frame 673: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time              Source                  Destination
   Protocol Length Info
   674 869.718942000  172.16.50.1            172.16.50.254
      ICMP     98     Echo (ping) reply     id=0x7295, seq=14/3584,
      ttl=64

Frame 674: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source                  Destination
   Protocol Length Info
    676 870.718885000   172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request  id=0x7295, seq=15/3840,
        ttl=64

Frame 676: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                  Destination
   Protocol Length Info
    677 870.718951000   172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x7295, seq=15/3840,
        ttl=64

Frame 677: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source                  Destination
   Protocol Length Info
    678 871.718867000   172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request  id=0x7295, seq=16/4096,
        ttl=64

Frame 678: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
```

```
        Destination: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    679 871.718934000  172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply     id=0x7295, seq=16/4096,
        ttl=64

Frame 679: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    681 872.718866000  172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request   id=0x7295, seq=17/4352,
        ttl=64

Frame 681: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
```

```
  682 872.718933000  172.16.50.1              172.16.50.254
       ICMP      98      Echo (ping) reply     id=0x7295, seq=17/4352,
       ttl=64
```

Frame 682: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

```
No.      Time              Source               Destination
   Protocol Length Info
  683 873.722881000  172.16.50.254            172.16.50.1
       ICMP      98      Echo (ping) request  id=0x7295, seq=18/4608,
       ttl=64
```

Frame 683: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
     Destination: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
     Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

```
No.      Time              Source               Destination
   Protocol Length Info
  684 873.722944000  172.16.50.1              172.16.50.254
       ICMP      98      Echo (ping) reply     id=0x7295, seq=18/4608,
       ttl=64
```

Frame 684: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
     Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)
         ....0 .... = IG bit: Individual address
            (unicast)
     Source: Kye_25:13:65 (00:c0:df:25:13:65)
         Address: Kye_25:13:65 (00:c0:df:25:13:65)
         .... ..0. .... = LG bit: Globally unique
            address (factory default)

```
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
       Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    686 874.531619000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60     Reply

Frame 686: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0 .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ...0 .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........

No.     Time            Source                  Destination
    Protocol Length Info
    687 874.722856000  172.16.50.254           172.16.50.1
        ICMP      98     Echo (ping) request  id=0x7295, seq=19/4864,
        ttl=64

Frame 687: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    688 874.722925000  172.16.50.1             172.16.50.254
        ICMP      98     Echo (ping) reply    id=0x7295, seq=19/4864,
        ttl=64

Frame 688: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
```

```
        Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    689 875.722850000  172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request   id=0x7295, seq=20/5120,
        ttl=64

Frame 689: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
        Destination: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    690 875.722909000  172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply     id=0x7295, seq=20/5120,
        ttl=64

Frame 690: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
        Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
```

```
    692 876.722860000  172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request  id=0x7295, seq=21/5376,
        ttl=64

Frame 692: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    693 876.722925000  172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x7295, seq=21/5376,
        ttl=64

Frame 693: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
    Protocol Length Info
    694 877.722849000  172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request  id=0x7295, seq=22/5632,
        ttl=64

Frame 694: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
                ....  ...0 ....  ....  ....  ....  = IG bit: Individual address
                    (unicast)
          Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
       Dst: 172.16.50.1 (172.16.50.1)
    Internet Control Message Protocol

No.      Time            Source              Destination
    Protocol Length Info
      695 877.722916000  172.16.50.1              172.16.50.254
          ICMP       98      Echo (ping) reply    id=0x7295, seq=22/5632,
          ttl=64

Frame 695: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        ....  ..0. ....  ....  ....  ....  = LG bit: Globally unique
            address (factory default)
        ....  ...0 ....  ....  ....  ....  = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        ....  ..0. ....  ....  ....  ....  = LG bit: Globally unique
            address (factory default)
        ....  ...0 ....  ....  ....  ....  = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.      Time            Source              Destination
    Protocol Length Info
      697 878.722846000  172.16.50.254            172.16.50.1
          ICMP       98      Echo (ping) request  id=0x7295, seq=23/5888,
          ttl=64

Frame 697: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        ....  ..0. ....  ....  ....  ....  = LG bit: Globally unique
            address (factory default)
        ....  ...0 ....  ....  ....  ....  = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        ....  ..0. ....  ....  ....  ....  = LG bit: Globally unique
            address (factory default)
        ....  ...0 ....  ....  ....  ....  = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time            Source              Destination
    Protocol Length Info
      698 878.722922000  172.16.50.1              172.16.50.254
          ICMP       98      Echo (ping) reply    id=0x7295, seq=23/5888,
          ttl=64

Frame 698: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
```

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```
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                       address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                       (unicast)
         Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                       address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                       (unicast)
         Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
   Internet Control Message Protocol

   No.     Time            Source                  Destination
      Protocol Length Info
       702 884.539090000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
          LOOP     60      Reply

   Frame 702: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
   0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
   0020  00 00 00 00 00 00 00 00                          ........

   No.     Time            Source                  Destination
      Protocol Length Info
       704 886.614269000  Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
          CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0
          /13

   Frame 704: 436 bytes on wire (3488 bits), 436 bytes captured (3488
      bits) on interface 0
   IEEE 802.3 Ethernet
   Logical-Link Control
   Cisco Discovery Protocol

   No.     Time            Source                  Destination
      Protocol Length Info
       709 894.532890000  Cisco_3a:f6:0f          Cisco_3a:f6:0f
          LOOP     60      Reply

   Frame 709: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   715 904.540316000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP    60      Reply

Frame 715: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   716 904.568170000  172.16.50.254         172.16.50.1
       ICMP    98      Echo (ping) request  id=0x72b4, seq=1/256,
       ttl=64

Frame 716: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
           .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
           .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source              Destination
   Protocol Length Info
```

```
  717 904.568243000  172.16.50.1           172.16.50.254
      ICMP      98      Echo (ping) reply     id=0x72b4, seq=1/256,
      ttl=64
```

Frame 717: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

```
No.    Time              Source                Destination
   Protocol Length Info
   718 905.567138000  172.16.50.254         172.16.50.1
      ICMP      98      Echo (ping) request  id=0x72b4, seq=2/512,
      ttl=64
```

Frame 718: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

```
No.    Time              Source                Destination
   Protocol Length Info
   719 905.567208000  172.16.50.1           172.16.50.254
      ICMP      98      Echo (ping) reply     id=0x72b4, seq=2/512,
      ttl=64
```

Frame 719: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)
        ....0 .... = IG bit: Individual address
           (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
           address (factory default)

```
                 .... ...0 .... .... .... .... = IG bit: Individual address
                      (unicast)
            Type: IP (0x0800)
      Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
            172.16.50.254 (172.16.50.254)
      Internet Control Message Protocol

No.      Time                Source                   Destination
    Protocol Length Info
      721 906.566738000   172.16.50.254            172.16.50.1
            ICMP       98      Echo (ping) request   id=0x72b4, seq=3/768,
            ttl=64

Frame 721: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
      Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
      Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time                Source                   Destination
    Protocol Length Info
      722 906.566807000   172.16.50.1              172.16.50.254
            ICMP       98      Echo (ping) reply    id=0x72b4, seq=3/768,
            ttl=64

Frame 722: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
      _c3:78:70 (00:21:5a:c3:78:70)
      Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.      Time                Source                   Destination
    Protocol Length Info
      723 907.566743000   172.16.50.254            172.16.50.1
            ICMP       98      Echo (ping) request   id=0x72b4, seq=4/1024,
            ttl=64

Frame 723: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
      Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
             Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
       Dst: 172.16.50.1 (172.16.50.1)
    Internet Control Message Protocol

    No.     Time              Source                  Destination
       Protocol Length Info
       724 907.566814000  172.16.50.1            172.16.50.254
          ICMP      98     Echo (ping) reply    id=0x72b4, seq=4/1024,
          ttl=64

    Frame 724: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
       ) on interface 0
    Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
       _c3:78:70 (00:21:5a:c3:78:70)
          Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
             Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Source: Kye_25:13:65 (00:c0:df:25:13:65)
             Address: Kye_25:13:65 (00:c0:df:25:13:65)
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
       172.16.50.254 (172.16.50.254)
    Internet Control Message Protocol

    No.     Time              Source                  Destination
       Protocol Length Info
       726 909.574407000  Kye_25:13:65           Hewlett-_c3:78:70
          ARP       42     Who has 172.16.50.254?  Tell 172.16.50.1

    Frame 726: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
       ) on interface 0
    Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
       _c3:78:70 (00:21:5a:c3:78:70)
          Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
             Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Source: Kye_25:13:65 (00:c0:df:25:13:65)
             Address: Kye_25:13:65 (00:c0:df:25:13:65)
                 .... ..0. .... .... .... .... = LG bit: Globally unique
                     address (factory default)
                 .... ...0 .... .... .... .... = IG bit: Individual address
                     (unicast)
          Type: ARP (0x0806)
    Address Resolution Protocol (request)

    No.     Time              Source                  Destination
       Protocol Length Info
       727 909.574556000  Hewlett-_c3:78:70     Kye_25:13:65
          ARP       60     172.16.50.254 is at 00:21:5a:c3:78:70

    Frame 727: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
       ) on interface 0
```

Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Type: ARP (0x0806)
    Padding: 000000000000000000000000000000000000
Address Resolution Protocol (reply)

No.   Time   Source   Destination
    Protocol Length Info
    731 914.547665000   Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 731: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ....
0020 00 00 00 00 00 00 00 00   ....

No.   Time   Source   Destination
    Protocol Length Info
    737 924.555060000   Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 737: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... = LG bit: Globally unique
                address (factory default)
            ....0 .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

No.	Time	Source	Destination
		Protocol	Length Info
743	934.554044000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
	LOOP	60	Reply

Frame 743: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
  :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

No.	Time	Source	Destination
		Protocol	Length Info
744	936.016159000	172.16.50.254	172.16.50.1
	ICMP	98	Echo (ping) request id=0x72c7, seq=1/256, ttl=64

Frame 744: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
  Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
  Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.	Time	Source	Destination
		Protocol	Length Info
745	936.016227000	172.16.50.1	172.16.50.254
	ICMP	98	Echo (ping) reply id=0x72c7, seq=1/256, ttl=64

Frame 745: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
  _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)

```
                .... ..0. .... .... .... ....  = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... ....  = IG bit: Individual address
                    (unicast)
        Source: Kye_25:13:65 (00:c0:df:25:13:65)
            Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... ....  = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... ....  = IG bit: Individual address
                    (unicast)
        Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.254 (172.16.50.254)
    Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    747 937.015121000  172.16.50.254         172.16.50.1
        ICMP      98      Echo (ping) request  id=0x72c7, seq=2/512,
        ttl=64

Frame 747: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    748 937.015186000  172.16.50.1           172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x72c7, seq=2/512,
        ttl=64

Frame 748: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... ....  = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... ....  = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time              Source                  Destination
    Protocol Length Info
    749 938.014628000  172.16.50.254         172.16.50.1
        ICMP      98      Echo (ping) request  id=0x72c7, seq=3/768,
```

```
                    ttl=64
Frame 749: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    750 938.014693000  172.16.50.1          172.16.50.254
        ICMP    98      Echo (ping) reply    id=0x72c7, seq=3/768,
        ttl=64

Frame 750: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    752 939.014642000  172.16.50.254        172.16.50.1
        ICMP    98      Echo (ping) request  id=0x72c7, seq=4/1024,
        ttl=64

Frame 752: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
```

```
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.    Time              Source              Destination
   Protocol Length Info
   753 939.014706000  172.16.50.1          172.16.50.254
       ICMP     98      Echo (ping) reply    id=0x72c7, seq=4/1024,
       ttl=64

Frame 753: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.    Time              Source              Destination
   Protocol Length Info
   756 943.104069000  172.16.50.254        172.16.50.1
       ICMP     98      Echo (ping) request  id=0x72cb, seq=1/256,
       ttl=64

Frame 756: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.    Time              Source              Destination
   Protocol Length Info
   757 943.104138000  172.16.50.1          172.16.50.254
       ICMP     98      Echo (ping) reply    id=0x72cb, seq=1/256,
       ttl=64

Frame 757: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
```

```
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
  Internet Control Message Protocol

  No.     Time              Source                  Destination
      Protocol Length Info
      758 944.103070000  172.16.50.254        172.16.50.1
          ICMP       98      Echo (ping) request  id=0x72cb, seq=2/512,
          ttl=64

  Frame 758: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
  Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
      Kye_25:13:65 (00:c0:df:25:13:65)
      Destination: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
      Dst: 172.16.50.1 (172.16.50.1)
  Internet Control Message Protocol

  No.     Time              Source                  Destination
      Protocol Length Info
      759 944.103131000  172.16.50.1          172.16.50.254
          ICMP       98      Echo (ping) reply    id=0x72cb, seq=2/512,
          ttl=64

  Frame 759: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
      ) on interface 0
  Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
      _c3:78:70 (00:21:5a:c3:78:70)
      Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Source: Kye_25:13:65 (00:c0:df:25:13:65)
          Address: Kye_25:13:65 (00:c0:df:25:13:65)
          .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: IP (0x0800)
  Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
      172.16.50.254 (172.16.50.254)
  Internet Control Message Protocol

  No.     Time              Source                  Destination
      Protocol Length Info
      761 944.561455000  Cisco_3a:f6:0f       Cisco_3a:f6:0f
          LOOP       60      Reply

  Frame 761: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                Destination
    Protocol Length Info
    762 945.102612000   172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request   id=0x72cb, seq=3/768,
        ttl=64

Frame 762: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time              Source                Destination
    Protocol Length Info
    763 945.102679000   172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply     id=0x72cb, seq=3/768,
        ttl=64

Frame 763: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
```

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```
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   764 946.102600000  172.16.50.254           172.16.50.1
       ICMP     98      Echo (ping) request  id=0x72cb, seq=4/1024,
       ttl=64

Frame 764: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   765 946.102661000  172.16.50.1             172.16.50.254
       ICMP     98      Echo (ping) reply    id=0x72cb, seq=4/1024,
       ttl=64

Frame 765: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   767 946.621446000  Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       CDP     436     Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 767: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   768 947.102610000  172.16.50.254           172.16.50.1
       ICMP     98      Echo (ping) request  id=0x72cb, seq=5/1280,
```

```
                    ttl=64
Frame 768: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    769 947.102689000  172.16.50.1          172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x72cb, seq=5/1280,
        ttl=64

Frame 769: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time            Source              Destination
    Protocol Length Info
    770 948.118404000  Kye_25:13:65          Hewlett-_c3:78:70
        ARP       42      Who has 172.16.50.254? Tell 172.16.50.1

Frame 770: 42 bytes on wire (336 bits), 42 bytes captured (336 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: ARP (0x0806)
Address Resolution Protocol (request)
```

```
No.      Time               Source                  Destination
   Protocol Length Info
   771 948.118538000  Hewlett-_c3:78:70      Kye_25:13:65
       ARP      60      172.16.50.254 is at 00:21:5a:c3:78:70

Frame 771: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: ARP (0x0806)
   Padding: 000000000000000000000000000000000000
Address Resolution Protocol (reply)

No.      Time               Source                  Destination
   Protocol Length Info
   773 949.135976000  172.16.50.254          172.16.50.1
       ICMP     98      Echo (ping) request  id=0x72d2, seq=1/256,
       ttl=64

Frame 773: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.      Time               Source                  Destination
   Protocol Length Info
   774 949.136042000  172.16.50.1            172.16.50.254
       ICMP     98      Echo (ping) reply     id=0x72d2, seq=1/256,
       ttl=64

Frame 774: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
       Address: Kye_25:13:65 (00:c0:df:25:13:65)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
```

```
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time               Source              Destination
    Protocol Length Info
    776 950.775945000  172.16.50.254        172.16.50.1
        ICMP     98     Echo (ping) request  id=0x72d3, seq=1/256,
        ttl=64

Frame 776: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.     Time               Source              Destination
    Protocol Length Info
    777 950.776004000  172.16.50.1          172.16.50.254
        ICMP     98     Echo (ping) reply    id=0x72d3, seq=1/256,
        ttl=64

Frame 777: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.     Time               Source              Destination
    Protocol Length Info
    778 951.774951000  172.16.50.254        172.16.50.1
        ICMP     98     Echo (ping) request  id=0x72d3, seq=2/512,
        ttl=64

Frame 778: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
```

```
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                 Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Type: IP (0x0800)
        Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
           Dst: 172.16.50.1 (172.16.50.1)
        Internet Control Message Protocol

        No.    Time              Source                   Destination
           Protocol Length Info
           779 951.775017000  172.16.50.1              172.16.50.254
              ICMP       98      Echo (ping) reply     id=0x72d3, seq=2/512,
              ttl=64

        Frame 779: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
        ) on interface 0
        Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
           _c3:78:70 (00:21:5a:c3:78:70)
              Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                 Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Source: Kye_25:13:65 (00:c0:df:25:13:65)
                 Address: Kye_25:13:65 (00:c0:df:25:13:65)
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Type: IP (0x0800)
        Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
           172.16.50.254 (172.16.50.254)
        Internet Control Message Protocol

        No.    Time              Source                   Destination
           Protocol Length Info
           782 954.565568000  Cisco_3a:f6:0f           Cisco_3a:f6:0f
              LOOP       60      Reply

        Frame 782: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
        ) on interface 0
        Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
           :f6:0f (fc:fb:fb:3a:f6:0f)
              Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                 Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                 Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                     .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                     .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
              Type: Loopback (0x9000)
        Configuration Test Protocol (loopback)
        Data (40 bytes)

        0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        0020  00 00 00 00 00 00 00 00                            ........
```

```
No.    Time              Source                   Destination
   Protocol Length Info
   783 955.575989000  172.16.50.254         172.16.50.1
      ICMP      98      Echo (ping) request  id=0x72d7, seq=1/256,
      ttl=64

Frame 783: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
   Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.    Time              Source                   Destination
   Protocol Length Info
   784 955.576055000  172.16.50.1           172.16.50.254
      ICMP      98      Echo (ping) reply    id=0x72d7, seq=1/256,
      ttl=64

Frame 784: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
   _c3:78:70 (00:21:5a:c3:78:70)
   Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
   172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.    Time              Source                   Destination
   Protocol Length Info
   786 956.574924000  172.16.50.254         172.16.50.1
      ICMP      98      Echo (ping) request  id=0x72d7, seq=2/512,
      ttl=64

Frame 786: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
   Kye_25:13:65 (00:c0:df:25:13:65)
   Destination: Kye_25:13:65 (00:c0:df:25:13:65)
      Address: Kye_25:13:65 (00:c0:df:25:13:65)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
      Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
```

```
        .... ..0. .... .... .... ....  = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... ....  = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.    Time              Source                Destination
    Protocol Length Info
    787 956.574985000  172.16.50.1           172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x72d7, seq=2/512,
        ttl=64

Frame 787: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
    Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... ....  = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... ....  = IG bit: Individual address
            (unicast)
    Source: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... ....  = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... ....  = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
    172.16.50.254 (172.16.50.254)
Internet Control Message Protocol

No.    Time              Source                Destination
    Protocol Length Info
    788 957.574565000  172.16.50.254         172.16.50.1
        ICMP      98      Echo (ping) request  id=0x72d7, seq=3/768,
        ttl=64

Frame 788: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
    Destination: Kye_25:13:65 (00:c0:df:25:13:65)
        Address: Kye_25:13:65 (00:c0:df:25:13:65)
        .... ..0. .... .... .... ....  = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... ....  = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
        .... ..0. .... .... .... ....  = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... ....  = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
    Dst: 172.16.50.1 (172.16.50.1)
Internet Control Message Protocol

No.    Time              Source                Destination
    Protocol Length Info
    789 957.574632000  172.16.50.1           172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x72d7, seq=3/768,
        ttl=64

Frame 789: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
```

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```
            Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.254 (172.16.50.254)
    Internet Control Message Protocol

No.     Time             Source                  Destination
    Protocol Length Info
    791 958.574523000  172.16.50.254           172.16.50.1
        ICMP      98      Echo (ping) request  id=0x72d7, seq=4/1024,
        ttl=64

Frame 791: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c3:78:70 (00:21:5a:c3:78:70), Dst:
    Kye_25:13:65 (00:c0:df:25:13:65)
            Destination: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Source: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.254 (172.16.50.254),
        Dst: 172.16.50.1 (172.16.50.1)
    Internet Control Message Protocol

No.     Time             Source                  Destination
    Protocol Length Info
    792 958.574585000  172.16.50.1             172.16.50.254
        ICMP      98      Echo (ping) reply    id=0x72d7, seq=4/1024,
        ttl=64

Frame 792: 98 bytes on wire (784 bits), 98 bytes captured (784 bits
    ) on interface 0
Ethernet II, Src: Kye_25:13:65 (00:c0:df:25:13:65), Dst: Hewlett-
    _c3:78:70 (00:21:5a:c3:78:70)
            Destination: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                Address: Hewlett-_c3:78:70 (00:21:5a:c3:78:70)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Source: Kye_25:13:65 (00:c0:df:25:13:65)
                Address: Kye_25:13:65 (00:c0:df:25:13:65)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
            Type: IP (0x0800)
    Internet Protocol Version 4, Src: 172.16.50.1 (172.16.50.1), Dst:
        172.16.50.254 (172.16.50.254)
    Internet Control Message Protocol

No.     Time             Source                  Destination
    Protocol Length Info
```

```
     796 964.578374000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
          LOOP    60      Reply
Frame 796: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                            ........
No.    Time              Source               Destination
   Protocol Length Info
    802 974.588673000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
          LOOP    60      Reply
Frame 802: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                            ........
No.    Time              Source               Destination
   Protocol Length Info
    808 984.596098000  Cisco_3a:f6:0f         Cisco_3a:f6:0f
          LOOP    60      Reply
Frame 808: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

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```
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
         Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0020   00 00 00 00 00 00 00 00                             ........
   No.    Time           Source                Destination
      Protocol Length Info
      814 994.603561000  Cisco_3a:f6:0f        Cisco_3a:f6:0f
         LOOP     60      Reply

   Frame 814: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
         Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0020   00 00 00 00 00 00 00 00                             ........
   No.    Time           Source                Destination
      Protocol Length Info
      820 1004.597296000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
         LOOP     60      Reply

   Frame 820: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
         Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   0020   00 00 00 00 00 00 00 00                             ........
```

```
No.      Time            Source                  Destination
    Protocol Length Info
    822 1006.618646000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        CDP       436     Device ID: tux-sw5  Port ID: FastEthernet0
        /13

Frame 822: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time            Source                  Destination
    Protocol Length Info
    827 1014.604681000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 827: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
    Protocol Length Info
    833 1024.612082000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 833: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
    Protocol Length Info
```

```
     838 1034.619551000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP    60       Reply
Frame 838: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
     844 1044.623724000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP    60       Reply
Frame 844: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
     850 1054.630944000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP    60       Reply
Frame 850: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source                Destination
   Protocol Length Info
    856 1064.633378000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP      60     Reply

Frame 856: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source                Destination
   Protocol Length Info
    858 1066.621040000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       CDP      436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 858: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source                Destination
   Protocol Length Info
    863 1074.640729000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP      60     Reply

Frame 863: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
No.     Time            Source                  Destination
    Protocol Length Info
    869 1084.639774000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 869: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
No.     Time            Source                  Destination
    Protocol Length Info
    875 1094.647056000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 875: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020   00 00 00 00 00 00 00 00                            ........
```

```
No.      Time            Source                  Destination
   Protocol Length Info
    881 1104.646197000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 881: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
   Protocol Length Info
    887 1114.653418000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 887: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source                  Destination
   Protocol Length Info
    893 1124.660795000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 893: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
No.      Time            Source               Destination
    Protocol Length Info
      895 1126.623330000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
         CDP       454     Device ID: tux-sw5  Port ID: FastEthernet0
         /13

Frame 895: 454 bytes on wire (3632 bits), 454 bytes captured (3632
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
No.      Time            Source               Destination
    Protocol Length Info
      900 1134.672899000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP       60      Reply

Frame 900: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
No.      Time            Source               Destination
    Protocol Length Info
      906 1144.667628000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP       60      Reply

Frame 906: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
```

```
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                  Destination
    Protocol Length Info
    912 1154.674693000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 912: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time            Source                  Destination
    Protocol Length Info
    918 1164.682040000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 918: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
    ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
```

```
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
  Protocol Length Info
    924 1174.689364000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 924: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
  ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
  :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
  Protocol Length Info
    930 1184.688309000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 930: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
  ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
  :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
  ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
  Protocol Length Info
    932 1186.625646000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      CDP      454      Device ID: tux-sw5  Port ID: FastEthernet0
      /13

Frame 932: 454 bytes on wire (3632 bits), 454 bytes captured (3632
  bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
```

```
No.      Time             Source                    Destination
   Protocol Length Info
    936 1192.741030000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      CDP        60      Device ID: tux-sw5  [Malformed Packet]

Frame 936: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
[Malformed Packet: CDP]

No.      Time             Source                    Destination
   Protocol Length Info
    938 1194.700827000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP       60      Reply

Frame 938: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                              ........
No.      Time             Source                    Destination
   Protocol Length Info
    940 1325.375437000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      CDP       436      Device ID: tux-sw5  Port ID: FastEthernet0
      /13

Frame 940: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time             Source                    Destination
   Protocol Length Info
    941 1325.834307000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP       60      Reply

Frame 941: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
```

```
        .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
...............
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
...............
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
     942 1326.382330000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

Frame 942: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     944 1327.289611000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

Frame 944: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     945 1328.295817000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

Frame 945: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     947 1329.302237000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

Frame 947: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     948 1330.308875000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

Frame 948: 436 bytes on wire (3488 bits), 436 bytes captured (3488
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
     950 1331.315463000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
         CDP   436   Device ID: tux-sw5 Port ID: FastEthernet0
         /13

```
Frame 950: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
    952 1332.322107000 Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
       CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 952: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
    953 1333.328759000 Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
       CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 953: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
    955 1334.335366000 Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
       CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 955: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
    956 1335.341934000 Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
       CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0
       /13

Frame 956: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
    958 1335.828126000 Cisco_3a:f6:0f         Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 958: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
```

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```
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
    964 1345.835434000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60      Reply

Frame 964: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
    969 1355.303432000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       DTP      60      Dynamic Trunking Protocol

Frame 969: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                  Destination
   Protocol Length Info
    970 1355.303488000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       DTP      90      Dynamic Trunking Protocol

Frame 970: 90 bytes on wire (720 bits), 90 bytes captured (720 bits
   ) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
VSS-Monitoring ethernet trailer, Timestamp: 01:00:00.000000000,
   Source Port: 0

No.     Time            Source                  Destination
   Protocol Length Info
    971 1355.357446000 Cisco_3a:f6:40          Broadcast
       ARP      60      Gratuitous ARP for 172.16.1.50 (Reply)

Frame 971: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Cisco_3a:f6:40 (fc:fb:fb:3a:f6:40), Dst:
   Broadcast (ff:ff:ff:ff:ff:ff)
    Destination: Broadcast (ff:ff:ff:ff:ff:ff)
        Address: Broadcast (ff:ff:ff:ff:ff:ff)
```

```
               .... ...1. .... .... .... .... = LG bit: Locally
                  administered address (this is NOT the factory default)
               .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
         Source: Cisco_3a:f6:40 (fc:fb:fb:3a:f6:40)
            Address: Cisco_3a:f6:40 (fc:fb:fb:3a:f6:40)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
         Type: ARP (0x0806)
         Padding: 000000000000000000000000000000000000
   Address Resolution Protocol (reply/gratuitous ARP)
```

```
No.      Time             Source                    Destination
   Protocol Length Info
     972 1355.865076000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP      60      Reply
```

```
   Frame 972: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
         Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
         Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
         Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)
```

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

```
No.      Time             Source                    Destination
   Protocol Length Info
     975 1357.327964000 Hewlett-_b3:05:dd       Broadcast
         ARP       60      Who has 172.16.1.254?  Tell 172.16.1.53
```

```
   Frame 975: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
   Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
      Broadcast (ff:ff:ff:ff:ff:ff)
         Destination: Broadcast (ff:ff:ff:ff:ff:ff)
            Address: Broadcast (ff:ff:ff:ff:ff:ff)
               .... ..1. .... .... .... .... = LG bit: Locally
                  administered address (this is NOT the factory default)
               .... ...1 .... .... .... .... = IG bit: Group address (
                  multicast/broadcast)
         Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
            Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
         Type: ARP (0x0806)
         Padding: 000000000000000000000000000000000000
   Address Resolution Protocol (request)
```

```
No.      Time             Source                    Destination
   Protocol Length Info
     976 1357.328109000 172.16.1.53             193.136.28.10
         DNS       72      Standard query 0x833e  A id.google.pt
```

```
Frame 976: 72 bytes on wire (576 bits), 72 bytes captured (576 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   193.136.28.10 (193.136.28.10)
User Datagram Protocol, Src Port: 51255 (51255), Dst Port: domain
   (53)
Domain Name System (query)

No.     Time           Source                  Destination
   Protocol Length Info
   977 1357.328119000 172.16.1.53             193.136.28.10
      DNS        75     Standard query 0x54af  A ssl.gstatic.com

Frame 977: 75 bytes on wire (600 bits), 75 bytes captured (600 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   193.136.28.10 (193.136.28.10)
User Datagram Protocol, Src Port: 42436 (42436), Dst Port: domain
   (53)
Domain Name System (query)

No.     Time           Source                  Destination
   Protocol Length Info
   978 1357.328125000 172.16.1.53             193.136.28.10
      DNS        73     Standard query 0xd85d  A www.google.pt

Frame 978: 73 bytes on wire (584 bits), 73 bytes captured (584 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
```

```
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   193.136.28.10 (193.136.28.10)
User Datagram Protocol, Src Port: 55061 (55061), Dst Port: domain
   (53)
Domain Name System (query)

No.      Time              Source                 Destination
   Protocol Length Info
   979 1357.329379000 172.16.1.53             173.194.41.223
        TCP       74      58460 > https [SYN] Seq=0 Win=14600 Len=0
        MSS=1460 SACK_PERM=1 TSval=195245991 TSecr=0 WS=16

Frame 979: 74 bytes on wire (592 bits), 74 bytes captured (592 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
   https (443), Seq: 0, Len: 0

No.      Time              Source                 Destination
   Protocol Length Info
   980 1357.335459000 172.16.1.53             173.194.41.223
        TCP       66      58460 > https [ACK] Seq=1 Ack=1 Win=14608
        Len=0 TSval=195245992 TSecr=1322722643

Frame 980: 66 bytes on wire (528 bits), 66 bytes captured (528 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
   https (443), Seq: 1, Ack: 1, Len: 0

No.      Time              Source                 Destination
   Protocol Length Info
   981 1357.336267000 172.16.1.53             173.194.41.223
        SSL       222     Client Hello

Frame 981: 222 bytes on wire (1776 bits), 222 bytes captured (1776
   bits) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
```

```
          Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
    173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
    https (443), Seq: 1, Ack: 1, Len: 156
Secure Sockets Layer
No.     Time              Source                  Destination
    Protocol Length Info
    982 1357.343871000 172.16.1.53              173.194.41.223
       TCP      66      58460 > https [ACK] Seq=157 Ack=1419 Win
       =17504 Len=0 TSval=195245995 TSecr=1322722650

Frame 982: 66 bytes on wire (528 bits), 66 bytes captured (528 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
    Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
    Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
       Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
    173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
    https (443), Seq: 157, Ack: 1419, Len: 0
No.     Time              Source                  Destination
    Protocol Length Info
    983 1357.343948000 172.16.1.53              173.194.41.223
       TCP      66      58460 > https [ACK] Seq=157 Ack=2837 Win
       =20400 Len=0 TSval=195245995 TSecr=1322722650

Frame 983: 66 bytes on wire (528 bits), 66 bytes captured (528 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
    Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
    Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
       Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
          .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
       Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
    173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
    https (443), Seq: 157, Ack: 2837, Len: 0
```

```
No.      Time              Source                Destination
   Protocol Length Info
   984 1357.344039000 172.16.1.53          173.194.41.223
        TCP      66      58460 > https [ACK] Seq=157 Ack=3861 Win
        =23232 Len=0 TSval=195245995 TSecr=1322722650

Frame 984: 66 bytes on wire (528 bits), 66 bytes captured (528 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
   Destination: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
       Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
   173.194.41.223 (173.194.41.223)
Transmission Control Protocol, Src Port: 58460 (58460), Dst Port:
   https (443), Seq: 157, Ack: 3861, Len: 0

No.      Time              Source                Destination
   Protocol Length Info
   985 1357.556516000 Hewlett-_b3:05:dd    Broadcast
        ARP      60      Who has 172.16.1.2?  Tell 172.16.1.53

Frame 985: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Broadcast (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: ARP (0x0806)
   Padding: 000000000000000000000000000000000000
Address Resolution Protocol (request)

No.      Time              Source                Destination
   Protocol Length Info
   986 1357.556567000 172.16.1.53          172.16.1.2
        DNS      75      Standard query 0xaba6  A www.gstatic.com

Frame 986: 75 bytes on wire (600 bits), 75 bytes captured (600 bits
   ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
   Hewlett-_19:02:ba (00:22:64:19:02:ba)
   Destination: Hewlett-_19:02:ba (00:22:64:19:02:ba)
       Address: Hewlett-_19:02:ba (00:22:64:19:02:ba)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
```

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                   .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
             Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
      172.16.1.2 (172.16.1.2)
User Datagram Protocol, Src Port: 37601 (37601), Dst Port: domain
      (53)
Domain Name System (query)

No.     Time              Source                    Destination
   Protocol Length Info
      987 1357.566458000 172.16.1.53              172.16.1.2
         DNS      75      Standard query 0xa6e1 A ssl.gstatic.com

Frame 987: 75 bytes on wire (600 bits), 75 bytes captured (600 bits
      ) on interface 0
Ethernet II, Src: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd), Dst:
      Hewlett-_19:02:ba (00:22:64:19:02:ba)
      Destination: Hewlett-_19:02:ba (00:22:64:19:02:ba)
         Address: Hewlett-_19:02:ba (00:22:64:19:02:ba)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
      Source: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
         Address: Hewlett-_b3:05:dd (00:1b:78:b3:05:dd)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
      Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.53 (172.16.1.53), Dst:
      172.16.1.2 (172.16.1.2)
User Datagram Protocol, Src Port: 25335 (25335), Dst Port: domain
      (53)
Domain Name System (query)

No.     Time              Source                    Destination
   Protocol Length Info
      992 1365.866991000 Cisco_3a:f6:0f           Cisco_3a:f6:0f
         LOOP     60      Reply

Frame 992: 60 bytes on wire (480 bits), 60 bytes captured (480 bits
      ) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
      :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........

No.     Time              Source                    Destination
   Protocol Length Info
      994 1366.492845000 172.16.1.44              172.16.1.1
         DNS      78      Standard query 0x9aee A fa.netlab.fe.up.pt

Frame 994: 78 bytes on wire (624 bits), 78 bytes captured (624 bits
      ) on interface 0
```

```
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 57708 (57708), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time            Source                  Destination
    Protocol Length Info
    995 1366.492909000 172.16.1.44             172.16.1.1
        DNS       68      Standard query 0x0a28  A fe.up.pt

Frame 995: 68 bytes on wire (544 bits), 68 bytes captured (544 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 40777 (40777), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time            Source                  Destination
    Protocol Length Info
    996 1366.492990000 172.16.1.44             172.16.1.1
        DNS       70      Standard query 0x70cd  A google.com

Frame 996: 70 bytes on wire (560 bits), 70 bytes captured (560 bits
    ) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
```

User Datagram Protocol , Src Port: 5141 (5141) , Dst Port: domain
    (53)
Domain Name System (query)

No.   Time   Source   Destination
    Protocol Length Info
    997 1366.494471000 172.16.1.1   172.16.1.44
        DNS   210   Standard query response 0x0a28 A
        193.136.28.205

Frame 997: 210 bytes on wire (1680 bits) , 210 bytes captured (1680
    bits) on interface 0
Ethernet II , Src: AsustekC_80:01:fb (00:17:31:80:01:fb) , Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4 , Src: 172.16.1.1 (172.16.1.1) , Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol , Src Port: domain (53) , Dst Port: 40777
    (40777)
Domain Name System (response)

No.   Time   Source   Destination
    Protocol Length Info
    998 1366.494530000 172.16.1.1   172.16.1.44
        DNS   123   Standard query response 0x9aee No such name

Frame 998: 123 bytes on wire (984 bits) , 123 bytes captured (984
    bits) on interface 0
Ethernet II , Src: AsustekC_80:01:fb (00:17:31:80:01:fb) , Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4 , Src: 172.16.1.1 (172.16.1.1) , Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol , Src Port: domain (53) , Dst Port: 57708
    (57708)
Domain Name System (response)

No.   Time   Source   Destination
    Protocol Length Info
    999 1366.495046000 172.16.1.44   172.16.1.1
        DNS   73   Standard query 0x2227 A inescporto.pt

Frame 999: 73 bytes on wire (584 bits) , 73 bytes captured (584 bits
) on interface 0
Ethernet II , Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e) , Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)

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```
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
            Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                    address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                    (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 47093 (47093), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source                  Destination
    Protocol Length Info
    1000 1366.495165000 172.16.1.44             172.16.1.1
        DNS       71      Standard query 0xc0eb  A fa.fe.up.pt

Frame 1000: 71 bytes on wire (568 bits), 71 bytes captured (568
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 49617 (49617), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source                  Destination
    Protocol Length Info
    1001 1366.496226000 172.16.1.1              172.16.1.44
        DNS       116     Standard query response 0xc0eb No such name

Frame 1001: 116 bytes on wire (928 bits), 116 bytes captured (928
    bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 49617
    (49617)
Domain Name System (response)

No.     Time              Source                  Destination
    Protocol Length Info
```

```
    1002 1366.497478000 172.16.1.44          172.16.1.1
        DNS       78      Standard query 0xeebb  A fa.netlab.fe.up.pt
Frame 1002: 78 bytes on wire (624 bits), 78 bytes captured (624
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 49526 (49526), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source                  Destination
    Protocol Length Info
    1003 1366.497600000 172.16.1.1          172.16.1.44
        DNS       123     Standard query response 0xeebb No such name
Frame 1003: 123 bytes on wire (984 bits), 123 bytes captured (984
    bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 49526
    (49526)
Domain Name System (response)

No.     Time              Source                  Destination
    Protocol Length Info
    1004 1366.497763000 172.16.1.44          172.16.1.1
        DNS       71      Standard query 0xa695  A fa.fe.up.pt
Frame 1004: 71 bytes on wire (568 bits), 71 bytes captured (568
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

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```
                     .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 40555 (40555), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source              Destination
    Protocol Length Info
    1005 1366.497843000 172.16.1.1              172.16.1.44
        DNS      116     Standard query response 0xa695 No such name

Frame 1005: 116 bytes on wire (928 bits), 116 bytes captured (928
    bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 40555
    (40555)
Domain Name System (response)

No.     Time              Source              Destination
    Protocol Length Info
    1006 1366.497947000 172.16.1.44              172.16.1.1
        DNS       62     Standard query 0x5318  A fa

Frame 1006: 62 bytes on wire (496 bits), 62 bytes captured (496
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 39883 (39883), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source              Destination
    Protocol Length Info
    1011 1375.874384000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60     Reply

Frame 1011: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source                Destination
   Protocol Length Info
   1017 1385.303007000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP     60      Dynamic Trunking Protocol

Frame 1017: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time              Source                Destination
   Protocol Length Info
   1018 1385.303073000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP     90      Dynamic Trunking Protocol

Frame 1018: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
VSS-Monitoring ethernet trailer, Timestamp: 01:00:00.000000000,
   Source Port: 0
No.     Time              Source                Destination
   Protocol Length Info
   1019 1385.881773000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP    60      Reply

Frame 1019: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020   00 00 00 00 00 00 00 00                           ........
No.      Time           Source               Destination
   Protocol Length Info
   1025 1395.344238000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP       454    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1025: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time           Source               Destination
   Protocol Length Info
   1026 1395.885777000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60     Reply

Frame 1026: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020   00 00 00 00 00 00 00 00                           ........
No.      Time           Source               Destination
   Protocol Length Info
   1032 1405.893348000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60     Reply

Frame 1032: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020   00 00 00 00 00 00 00 00                           ........
```

```
No.      Time            Source              Destination
   Protocol Length Info
   1038 1415.313693000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      DTP     60      Dynamic Trunking Protocol

Frame 1038: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.      Time            Source              Destination
   Protocol Length Info
   1039 1415.313758000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      DTP     90      Dynamic Trunking Protocol

Frame 1039: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.      Time            Source              Destination
   Protocol Length Info
   1040 1415.900718000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP    60      Reply

Frame 1040: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time            Source              Destination
   Protocol Length Info
   1046 1425.902904000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP    60      Reply

Frame 1046: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
```

```
Configuration Test Protocol (loopback)
Data (40 bytes)
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   1052 1435.902312000 Cisco_3a:f6:0f       Cisco_3a:f6:0f
      LOOP      60       Reply

Frame 1052: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   1058 1445.313745000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      DTP       60       Dynamic Trunking Protocol

Frame 1058: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
No.     Time            Source              Destination
   Protocol Length Info
   1059 1445.313811000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      DTP       90       Dynamic Trunking Protocol

Frame 1059: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
No.     Time            Source              Destination
   Protocol Length Info
   1060 1445.909275000 Cisco_3a:f6:0f       Cisco_3a:f6:0f
      LOOP      60       Reply

Frame 1060: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
```

```
              .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                Destination
    Protocol Length Info
    1062 1446.309415000 193.136.37.80         172.16.1.44
        TCP       66      https > 45934 [ACK] Seq=1 Ack=1 Win=171 Len=0
        TSval=3744006601 TSecr=172030030

Frame 1062: 66 bytes on wire (528 bits), 66 bytes captured (528
    bits) on interface 0
Ethernet II, Src: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Source: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
        Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
        .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 193.136.37.80 (193.136.37.80),
    Dst: 172.16.1.44 (172.16.1.44)
Transmission Control Protocol, Src Port: https (443), Dst Port:
    45934 (45934), Seq: 1, Ack: 1, Len: 0

No.     Time            Source                Destination
    Protocol Length Info
    1064 1449.259648000 172.16.1.44           172.16.1.1
        DNS       86      Standard query 0x14fd  PTR 95.132.125.74.in-
        addr.arpa

Frame 1064: 86 bytes on wire (688 bits), 86 bytes captured (688
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
              address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 32917 (32917), Dst Port: domain
    (53)
Domain Name System (query)
```

```
No.      Time              Source              Destination
   Protocol Length Info
   1065 1449.260212000 172.16.1.44              172.16.1.1
      DNS       87      Standard query 0x6240  PTR 212.41.194.173.in-
      addr.arpa

Frame 1065: 87 bytes on wire (696 bits), 87 bytes captured (696
   bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
   AsustekC_80:01:fb (00:17:31:80:01:fb)
   Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
      Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
   172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 36515 (36515), Dst Port: domain
   (53)
Domain Name System (query)

No.      Time              Source              Destination
   Protocol Length Info
   1066 1449.260623000 172.16.1.44              172.16.1.1
      DNS       87      Standard query 0x083a  PTR 207.41.194.173.in-
      addr.arpa

Frame 1066: 87 bytes on wire (696 bits), 87 bytes captured (696
   bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
   AsustekC_80:01:fb (00:17:31:80:01:fb)
   Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
      Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
   172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 37901 (37901), Dst Port: domain
   (53)
Domain Name System (query)

No.      Time              Source              Destination
   Protocol Length Info
   1067 1449.261038000 172.16.1.44              172.16.1.1
      DNS       87      Standard query 0xabf9  PTR 222.41.194.173.in-
      addr.arpa

Frame 1067: 87 bytes on wire (696 bits), 87 bytes captured (696
   bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
   AsustekC_80:01:fb (00:17:31:80:01:fb)
   Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
      Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
       Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
           Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
       Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
       172.16.1.1 (172.16.1.1)
   User Datagram Protocol, Src Port: 39323 (39323), Dst Port: domain
       (53)
   Domain Name System (query)

   No.      Time               Source                  Destination
       Protocol Length Info
       1068 1449.261470000 172.16.1.44              172.16.1.1
           DNS      87      Standard query 0xe915  PTR 161.28.136.193.in-
           addr.arpa

   Frame 1068: 87 bytes on wire (696 bits), 87 bytes captured (696
       bits) on interface 0
   Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
       AsustekC_80:01:fb (00:17:31:80:01:fb)
       Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
           Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
       Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
           Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
       Type: IP (0x0800)
   Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
       172.16.1.1 (172.16.1.1)
   User Datagram Protocol, Src Port: 52959 (52959), Dst Port: domain
       (53)
   Domain Name System (query)

   No.      Time               Source                  Destination
       Protocol Length Info
       1072 1455.354251000 Cisco_3a:f6:0f           CDP/VTP/DTP/PAgP/UDLD
          CDP      454      Device ID: tux-sw5  Port ID: FastEthernet0/13

   Frame 1072: 454 bytes on wire (3632 bits), 454 bytes captured (3632
       bits) on interface 0
   IEEE 802.3 Ethernet
   Logical-Link Control
   Cisco Discovery Protocol

   No.      Time               Source                  Destination
       Protocol Length Info
       1074 1455.916675000 Cisco_3a:f6:0f           Cisco_3a:f6:0f
          LOOP     60      Reply

   Frame 1074: 60 bytes on wire (480 bits), 60 bytes captured (480
       bits) on interface 0
   Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
       :f6:0f (fc:fb:fb:3a:f6:0f)
       Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
           Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
               .... ...0 .... .... .... .... = IG bit: Individual address
                  (unicast)
       Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
           Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
               .... ..0. .... .... .... .... = LG bit: Globally unique
                  address (factory default)
```

```
          .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
        Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
   0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
   0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
	Protocol Length Info		
1080	1465.924010000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
	LOOP 60 Reply		

```
Frame 1080: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Type: Loopback (0x9000)
   Configuration Test Protocol (loopback)
   Data (40 bytes)

   0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
   0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
   0020  00 00 00 00 00 00 00 00                           ........
```

No.	Time	Source	Destination
	Protocol Length Info		
1085	1475.319155000	Cisco_3a:f6:0f	CDP/VTP/DTP/PAgP/UDLD
	DTP 60 Dynamic Trunking Protocol		

```
Frame 1085: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
```

No.	Time	Source	Destination
	Protocol Length Info		
1086	1475.319213000	Cisco_3a:f6:0f	CDP/VTP/DTP/PAgP/UDLD
	DTP 90 Dynamic Trunking Protocol		

```
Frame 1086: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
```

No.	Time	Source	Destination
	Protocol Length Info		
1088	1475.923049000	Cisco_3a:f6:0f	Cisco_3a:f6:0f
	LOOP 60 Reply		

```
Frame 1088: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........

No.     Time           Source                Destination
   Protocol Length Info
   1094 1485.930440000 Cisco_3a:f6:0f         Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1094: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........

No.     Time           Source                Destination
   Protocol Length Info
   1099 1495.929483000 Cisco_3a:f6:0f         Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1099: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f  (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
   1105 1505.324475000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   60   Dynamic Trunking Protocol

Frame 1105: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1106 1505.324532000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   90   Dynamic Trunking Protocol

Frame 1106: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1107 1505.936795000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

Frame 1107: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                           ........
```

No.   Time   Source   Destination
   Protocol Length Info
   1113 1515.348950000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      CDP   454   Device ID: tux-sw5 Port ID: FastEthernet0/13

Frame 1113: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1114 1515.944299000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

```
Frame 1114: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   1120 1525.951561000 Cisco_3a:f6:0f       Cisco_3a:f6:0f
      LOOP     60      Reply

Frame 1120: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source              Destination
   Protocol Length Info
   1126 1535.329966000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol

Frame 1126: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source              Destination
   Protocol Length Info
   1127 1535.330036000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol

Frame 1127: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
```

```
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   1128 1535.950630000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1128: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1134 1545.957939000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1134: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1140 1555.965312000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1140: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source                Destination
   Protocol Length Info
   1146 1565.335208000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol

Frame 1146: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                Destination
   Protocol Length Info
   1147 1565.335273000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol

Frame 1147: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                Destination
   Protocol Length Info
   1148 1565.977958000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
      LOOP     60      Reply

Frame 1148: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                           ........
No.     Time            Source                Destination
   Protocol Length Info
```

```
1154 1575.356489000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
     CDP      454     Device ID: tux-sw5  Port ID: FastEthernet0/13
Frame 1154: 454 bytes on wire (3632 bits), 454 bytes captured (3632
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   1155 1575.971696000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1155: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1161 1585.979079000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1161: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1166 1595.340855000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol
```

Frame 1166: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
    Protocol Length Info
    1167 1595.340910000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
        DTP   90   Dynamic Trunking Protocol

Frame 1167: 90 bytes on wire (720 bits), 90 bytes captured (720
    bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
    Protocol Length Info
    1169 1595.986483000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 1169: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ....
0020 00 00 00 00 00 00 00 00   ....
No.   Time   Source   Destination
    Protocol Length Info
    1175 1605.993893000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
        LOOP   60   Reply

Frame 1175: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ....

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00      ................
0020   00 00 00 00 00 00 00 00                              ........
```

```
No.      Time               Source                    Destination
   Protocol Length Info
   1181 1615.993174000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply
```

Frame 1181: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00      ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00      ................
0020   00 00 00 00 00 00 00 00                              ........
```

```
No.      Time               Source                    Destination
   Protocol Length Info
   1186 1625.345971000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol
```

Frame 1186: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time               Source                    Destination
   Protocol Length Info
   1187 1625.346031000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol
```

Frame 1187: 90 bytes on wire (720 bits), 90 bytes captured (720
    bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time               Source                    Destination
   Protocol Length Info
   1189 1626.004875000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply
```

Frame 1189: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
            address (factory default)
        ....0 .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)

```
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                              ........
No.     Time              Source                Destination
   Protocol Length Info
   1194 1635.353736000 Cisco_3a:f6:0f         CDP/VTP/DTP/PAgP/UDLD
      CDP      454     Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1194: 454 bytes on wire (3632 bits), 454 bytes captured (3632
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.     Time              Source                Destination
   Protocol Length Info
   1195 1635.999202000 Cisco_3a:f6:0f         Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1195: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                              ........
No.     Time              Source                Destination
   Protocol Length Info
   1201 1646.006588000 Cisco_3a:f6:0f         Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1201: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
```

```
             .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

    0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
    0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
    0020   00 00 00 00 00 00 00 00                           ........
No.      Time            Source                 Destination
    Protocol Length Info
     1207 1655.365340000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
         DTP       60      Dynamic Trunking Protocol

Frame 1207: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.      Time            Source                 Destination
    Protocol Length Info
     1208 1655.365399000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
         DTP       90      Dynamic Trunking Protocol

Frame 1208: 90 bytes on wire (720 bits), 90 bytes captured (720
    bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.      Time            Source                 Destination
    Protocol Length Info
     1209 1656.014010000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP      60      Reply

Frame 1209: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
No.      Time            Source                 Destination
    Protocol Length Info
     1215 1666.026531000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
         LOOP      60      Reply

Frame 1215: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
```

```
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

    0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0020  00 00 00 00 00 00 00 00                            ........
    No.     Time            Source              Destination
        Protocol Length Info
        1221 1676.020413000 Cisco_3a:f6:0f      Cisco_3a:f6:0f
            LOOP      60      Reply

    Frame 1221: 60 bytes on wire (480 bits), 60 bytes captured (480
        bits) on interface 0
    Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
        :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
                    .... ..0. .... .... .... .... = LG bit: Globally unique
                        address (factory default)
                    .... ...0 .... .... .... .... = IG bit: Individual address
                        (unicast)
        Type: Loopback (0x9000)
    Configuration Test Protocol (loopback)
    Data (40 bytes)

    0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
    0020  00 00 00 00 00 00 00 00                            ........
    No.     Time            Source              Destination
        Protocol Length Info
        1227 1685.365147000 Cisco_3a:f6:0f      CDP/VTP/DTP/PAgP/UDLD
            DTP       60      Dynamic Trunking Protocol

    Frame 1227: 60 bytes on wire (480 bits), 60 bytes captured (480
        bits) on interface 0
    IEEE 802.3 Ethernet
    Logical-Link Control
    Dynamic Trunking Protocol

    No.     Time            Source              Destination
        Protocol Length Info
        1228 1685.365239000 Cisco_3a:f6:0f      CDP/VTP/DTP/PAgP/UDLD
            DTP       90      Dynamic Trunking Protocol

    Frame 1228: 90 bytes on wire (720 bits), 90 bytes captured (720
        bits) on interface 0
    ISL
    IEEE 802.3 Ethernet
    Logical-Link Control
    Dynamic Trunking Protocol

    No.     Time            Source              Destination
        Protocol Length Info
```

```
   1229 1686.027778000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60       Reply
```

Frame 1229: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

```
No.     Time            Source                Destination
   Protocol Length Info
   1235 1695.355971000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      454      Device ID: tux-sw5  Port ID: FastEthernet0/13
```

Frame 1235: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.     Time            Source                Destination
   Protocol Length Info
   1236 1696.035120000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60       Reply
```

Frame 1236: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                          ........
```

```
No.     Time            Source                Destination
   Protocol Length Info
   1242 1704.253543000 172.16.1.44             172.16.1.1
      DNS      87       Standard query 0xdd04  PTR 192.41.194.173.in-
      addr.arpa
```

```
Frame 1242: 87 bytes on wire (696 bits), 87 bytes captured (696
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 56646 (56646), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time              Source                  Destination
    Protocol Length Info
    1243 1704.253806000 172.16.1.1              172.16.1.44
        DNS     271     Standard query response 0xdd04  PTR lis01s05-
        in-f0.1e100.net

Frame 1243: 271 bytes on wire (2168 bits), 271 bytes captured (2168
    bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 56646
    (56646)
Domain Name System (response)

No.     Time              Source                  Destination
    Protocol Length Info
    1245 1706.042491000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 1245: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
            address (factory default)
```

```
            .... ...0 .... .... .... .... = IG bit: Individual address
              (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                            ........
```

No.   Time   Source   Destination
   Protocol Length Info
    1250 1715.370462000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   60   Dynamic Trunking Protocol

Frame 1250: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
    1251 1715.370520000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   90   Dynamic Trunking Protocol

Frame 1251: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
    1253 1716.041833000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

Frame 1253: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
          address (factory default)
        ....0 .... = IG bit: Individual address
          (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... = LG bit: Globally unique
          address (factory default)
        ....0 .... = IG bit: Individual address
          (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                            ........
```

No.   Time   Source   Destination
   Protocol Length Info
    1259 1726.048840000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

Frame 1259: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)

```
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                            ........
No.     Time            Source                Destination
    Protocol Length Info
    1265 1736.056331000 Cisco_3a:f6:0f        Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 1265: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
        Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                            ........
No.     Time            Source                Destination
    Protocol Length Info
    1270 1745.375846000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
        DTP      60      Dynamic Trunking Protocol

Frame 1270: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                Destination
    Protocol Length Info
    1271 1745.375906000 Cisco_3a:f6:0f        CDP/VTP/DTP/PAgP/UDLD
        DTP      90      Dynamic Trunking Protocol

Frame 1271: 90 bytes on wire (720 bits), 90 bytes captured (720
    bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                Destination
    Protocol Length Info
```

```
    1273 1746.063590000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP      60      Reply
```

Frame 1273: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       ....0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       ....0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020  00 00 00 00 00 00 00 00                            ........
```
No.   Time   Source   Destination
   Protocol Length Info
    1278 1755.358647000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
       CDP   454   Device ID: tux-sw5 Port ID: FastEthernet0/13

Frame 1278: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
    1279 1756.062885000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
       LOOP   60   Reply

Frame 1279: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       ....0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       ....0. .... = LG bit: Globally unique
          address (factory default)
       ....0 .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00    ................
0020  00 00 00 00 00 00 00 00                            ........
```
No.   Time   Source   Destination
   Protocol Length Info
    1285 1766.070003000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
       LOOP   60   Reply

```
Frame 1285: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
0020  00 00 00 00 00 00 00 00                           ........
No.     Time              Source              Destination
    Protocol Length Info
    1291 1775.381185000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP       60      Dynamic Trunking Protocol

Frame 1291: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time              Source              Destination
    Protocol Length Info
    1292 1775.381241000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP       90      Dynamic Trunking Protocol

Frame 1292: 90 bytes on wire (720 bits), 90 bytes captured (720
    bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time              Source              Destination
    Protocol Length Info
    1293 1776.077445000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP      60      Reply

Frame 1293: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
    ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00 00                        ........
```
```
No.      Time             Source                 Destination
   Protocol Length Info
   1299 1786.084766000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60       Reply
```
Frame 1299: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00 00                        ........
```
```
No.      Time             Source                 Destination
   Protocol Length Info
   1305 1796.089086000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60       Reply
```
Frame 1305: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00 00                        ........
```
```
No.      Time             Source                 Destination
   Protocol Length Info
   1311 1805.386561000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP       60       Dynamic Trunking Protocol
```
Frame 1311: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time          Source              Destination
   Protocol Length Info
   1312 1805.386633000 Cisco_3a:f6:0f      CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol

Frame 1312: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.      Time          Source              Destination
   Protocol Length Info
   1313 1806.096343000 Cisco_3a:f6:0f      Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1313: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                          ........
No.      Time          Source              Destination
   Protocol Length Info
   1319 1815.360690000 Cisco_3a:f6:0f      CDP/VTP/DTP/PAgP/UDLD
      CDP      454     Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1319: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time          Source              Destination
   Protocol Length Info
   1320 1816.109809000 Cisco_3a:f6:0f      Cisco_3a:f6:0f
      LOOP      60      Reply

Frame 1320: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
```

```
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                                 ........
No.     Time            Source                  Destination
   Protocol Length Info
   1326 1826.106403000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 1326: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
          (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
      ................
0020  00 00 00 00 00 00 00 00                                 ........
No.     Time            Source                  Destination
   Protocol Length Info
   1332 1835.391936000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP     60      Dynamic Trunking Protocol

Frame 1332: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   1333 1835.392035000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP     90      Dynamic Trunking Protocol

Frame 1333: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time            Source                  Destination
   Protocol Length Info
   1334 1836.113311000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP    60      Reply

Frame 1334: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
          address (factory default)
```

```
              .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.    Time          Source                 Destination
   Protocol Length Info
   1340 1846.120662000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply

Frame 1340: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
No.    Time          Source                 Destination
   Protocol Length Info
   1346 1856.128090000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply

Frame 1346: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
      Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
          .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
          .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
      Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```
```
No.      Time            Source               Destination
   Protocol Length Info
   1351 1865.402443000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol
```
Frame 1351: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
```
No.      Time            Source               Destination
   Protocol Length Info
   1352 1865.402502000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol
```
Frame 1352: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
```
No.      Time            Source               Destination
   Protocol Length Info
   1354 1866.127047000 Cisco_3a:f6:0f       Cisco_3a:f6:0f
      LOOP      60      Reply
```
Frame 1354: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020   00 00 00 00 00 00 00 00                           ........
```
```
No.      Time            Source               Destination
   Protocol Length Info
   1357 1870.542413000 Hewlett-_c5:61:bb       Broadcast
      ARP      60      Who has 172.16.1.254? Tell 172.16.1.64
```
Frame 1357: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb), Dst:
   Broadcast (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
      Address: Broadcast (ff:ff:ff:ff:ff:ff)
      ....1. .... = LG bit: Locally
         administered address (this is NOT the factory default)
      ....1 .... = IG bit: Group address (
         multicast/broadcast)
   Source: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
      Address: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
```

```
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: ARP (0x0806)
     Padding: 00000000000000000000000000000000000000
Address Resolution Protocol (request)

No.     Time            Source              Destination
   Protocol Length Info
   1358 1870.542451000 Watchgua_30:b3:e1     Hewlett-_c5:61:bb
      ARP       60      172.16.1.254 is at 00:90:7f:30:b3:e1

Frame 1358: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1), Dst:
   Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
   Destination: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
      Address: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
   Source: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
      Address: Watchgua_30:b3:e1 (00:90:7f:30:b3:e1)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: ARP (0x0806)
     Padding: 202020202020202020202020202000000000
Address Resolution Protocol (reply)

No.     Time            Source              Destination
   Protocol Length Info
   1362 1874.249061000 172.16.1.44           172.16.1.1
      DNS       87      Standard query 0x5954  PTR 192.41.194.173.in-
      addr.arpa

Frame 1362: 87 bytes on wire (696 bits), 87 bytes captured (696
   bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
   AsustekC_80:01:fb (00:17:31:80:01:fb)
   Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
      Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
   Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
         .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
         .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
     Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
   172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 35596 (35596), Dst Port: domain
   (53)
Domain Name System (query)

No.     Time            Source              Destination
   Protocol Length Info
   1363 1874.249330000 172.16.1.1            172.16.1.44
      DNS       271     Standard query response 0x5954  PTR lis01s05-
      in-f0.1e100.net

Frame 1363: 271 bytes on wire (2168 bits), 271 bytes captured (2168
     bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
   Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
   Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
      Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
```

```
                .... ..0. .... .... .... .... = LG bit: Globally unique
                   address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                   (unicast)
        Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
            Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
                .... ..0. .... .... .... .... = LG bit: Globally unique
                   address (factory default)
                .... ...0 .... .... .... .... = IG bit: Individual address
                   (unicast)
        Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 35596
    (35596)
Domain Name System (response)

No.     Time            Source                  Destination
    Protocol Length Info
    1364 1874.249682000 172.16.1.44             172.16.1.1
        DNS       87       Standard query 0x9281  PTR 207.41.194.173.in-
        addr.arpa

Frame 1364: 87 bytes on wire (696 bits), 87 bytes captured (696
    bits) on interface 0
Ethernet II, Src: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e), Dst:
    AsustekC_80:01:fb (00:17:31:80:01:fb)
    Destination: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
    Source: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.44 (172.16.1.44), Dst:
    172.16.1.1 (172.16.1.1)
User Datagram Protocol, Src Port: 58901 (58901), Dst Port: domain
    (53)
Domain Name System (query)

No.     Time            Source                  Destination
    Protocol Length Info
    1365 1874.249855000 172.16.1.1              172.16.1.44
        DNS       272      Standard query response 0x9281  PTR lis01s05-
        in-f15.1e100.net

Frame 1365: 272 bytes on wire (2176 bits), 272 bytes captured (2176
    bits) on interface 0
Ethernet II, Src: AsustekC_80:01:fb (00:17:31:80:01:fb), Dst:
    Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
    Destination: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
        Address: Hewlett-_c7:64:8e (00:21:5a:c7:64:8e)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
    Source: AsustekC_80:01:fb (00:17:31:80:01:fb)
        Address: AsustekC_80:01:fb (00:17:31:80:01:fb)
            .... ..0. .... .... .... .... = LG bit: Globally unique
               address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
               (unicast)
    Type: IP (0x0800)
Internet Protocol Version 4, Src: 172.16.1.1 (172.16.1.1), Dst:
    172.16.1.44 (172.16.1.44)
User Datagram Protocol, Src Port: domain (53), Dst Port: 58901
    (58901)
```

```
Domain Name System (response)

No.      Time              Source                    Destination
   Protocol Length Info
   1366 1875.368219000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
       CDP      454      Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1366: 454 bytes on wire (3632 bits), 454 bytes captured (3632
     bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source                    Destination
   Protocol Length Info
   1368 1876.134486000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60       Reply

Frame 1368: 60 bytes on wire (480 bits), 60 bytes captured (480
     bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
     :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020   00 00 00 00 00 00 00 00                            ........
No.      Time              Source                    Destination
   Protocol Length Info
   1370 1878.375706000 Hewlett-_c5:61:bb     Broadcast
       ARP      60       Who has 172.16.1.1?  Tell 172.16.1.64

Frame 1370: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb), Dst:
   Broadcast (ff:ff:ff:ff:ff:ff)
   Destination: Broadcast (ff:ff:ff:ff:ff:ff)
       Address: Broadcast (ff:ff:ff:ff:ff:ff)
       .... ..1. .... .... .... .... = LG bit: Locally
           administered address (this is NOT the factory default)
       .... ...1 .... .... .... .... = IG bit: Group address (
           multicast/broadcast)
   Source: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
       Address: Hewlett-_c5:61:bb (00:21:5a:c5:61:bb)
       .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
       .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
   Type: ARP (0x0806)
   Padding: 000000000000000000000000000000000000
Address Resolution Protocol (request)

No.      Time              Source                    Destination
   Protocol Length Info
   1375 1886.141787000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP     60       Reply

Frame 1375: 60 bytes on wire (480 bits), 60 bytes captured (480
     bits) on interface 0
```

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
0020  00 00 00 00 00 00 00 00                                  ........
No.     Time              Source                Destination
   Protocol Length Info
   1380 1895.402660000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      60      Dynamic Trunking Protocol

Frame 1380: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time              Source                Destination
   Protocol Length Info
   1381 1895.402718000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol

Frame 1381: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol
VSS-Monitoring ethernet trailer, Timestamp: 01:00:00.000000000,
   Source Port: 0
No.     Time              Source                Destination
   Protocol Length Info
   1382 1896.154436000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply

Frame 1382: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
   ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ................00 00 00 00 00 00 00 00 00                              ........
No.       Time            Source                Destination
   Protocol Length Info
   1388 1906.148421000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60      Reply
```

Frame 1388: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010 ................00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ................00 00 00 00 00 00 00 00 00                              ........
No.       Time            Source                Destination
   Protocol Length Info
   1394 1916.155549000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP      60      Reply
```

Frame 1394: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010 ................00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020 ................00 00 00 00 00 00 00 00 00                              ........
No.       Time            Source                Destination
   Protocol Length Info
   1400 1925.408010000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP       60      Dynamic Trunking Protocol
```

Frame 1400: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time            Source                  Destination
   Protocol Length Info
   1401 1925.408080000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol
```

Frame 1401: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time            Source                  Destination
   Protocol Length Info
   1402 1926.162940000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply
```

Frame 1402: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
```

```
0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0020  00 00 00 00 00 00 00 00                           ........
```

```
No.      Time            Source                  Destination
   Protocol Length Info
   1408 1935.365678000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      454     Device ID: tux-sw5  Port ID: FastEthernet0/13
```

Frame 1408: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.      Time            Source                  Destination
   Protocol Length Info
   1409 1936.170321000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply
```

Frame 1409: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
```

```
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                              ........
No.     Time           Source                  Destination
   Protocol Length Info
   1415 1946.169423000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 1415: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
           (unicast)
     Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
        ................
0020  00 00 00 00 00 00 00 00                              ........
No.     Time           Source                  Destination
   Protocol Length Info
   1421 1955.418754000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP      60      Dynamic Trunking Protocol

Frame 1421: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time           Source                  Destination
   Protocol Length Info
   1422 1955.418847000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
        DTP      90      Dynamic Trunking Protocol

Frame 1422: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.     Time           Source                  Destination
   Protocol Length Info
   1423 1956.176731000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 1423: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
           address (factory default)
```

```
              .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
        Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
            .... ..0. .... .... .... .... = LG bit: Globally unique
                 address (factory default)
            .... ...0 .... .... .... .... = IG bit: Individual address
                 (unicast)
        Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1429 1966.181003000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1429: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
0020  00 00 00 00 00 00 00 00                          ........
No.     Time            Source                  Destination
   Protocol Length Info
   1435 1976.183031000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
       LOOP      60      Reply

Frame 1435: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... .... .... .... = LG bit: Globally unique
             address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
             (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
       ................
```

```
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                                     ........
```
No.   Time   Source   Destination
   Protocol Length Info
   1440 1985.418727000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   60   Dynamic Trunking Protocol

Frame 1440: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1441 1985.418785000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      DTP   90   Dynamic Trunking Protocol

Frame 1441: 90 bytes on wire (720 bits), 90 bytes captured (720
   bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1443 1986.190435000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

Frame 1443: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

```
0000   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010   00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020   00 00 00 00 00 00 00 00                                     ........
```
No.   Time   Source   Destination
   Protocol Length Info
   1448 1995.367710000 Cisco_3a:f6:0f   CDP/VTP/DTP/PAgP/UDLD
      CDP   454   Device ID: tux-sw5 Port ID: FastEthernet0/13

Frame 1448: 454 bytes on wire (3632 bits), 454 bytes captured (3632
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.   Time   Source   Destination
   Protocol Length Info
   1450 1996.197935000 Cisco_3a:f6:0f   Cisco_3a:f6:0f
      LOOP   60   Reply

Frame 1450: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0

```
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... ... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... ... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time             Source              Destination
    Protocol Length Info
    1456 2006.196856000 Cisco_3a:f6:0f       Cisco_3a:f6:0f
        LOOP     60      Reply

Frame 1456: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
    :f6:0f (fc:fb:fb:3a:f6:0f)
    Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... ... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
        .... ..0. .... ... .... .... = LG bit: Globally unique
            address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address
            (unicast)
    Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.     Time             Source              Destination
    Protocol Length Info
    1460 2012.505592000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
        CDP      60      Device ID: tux-sw5  [Malformed Packet]

Frame 1460: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
[Malformed Packet: CDP]

No.     Time             Source              Destination
    Protocol Length Info
    1462 2015.437732000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
        DTP      60      Dynamic Trunking Protocol

Frame 1462: 60 bytes on wire (480 bits), 60 bytes captured (480
    bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
```

Dynamic Trunking Protocol

```
No.      Time              Source                Destination
   Protocol Length Info
   1463 2015.437792000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      DTP      90      Dynamic Trunking Protocol
```

Frame 1463: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
ISL
IEEE 802.3 Ethernet
Logical-Link Control
Dynamic Trunking Protocol

```
No.      Time              Source                Destination
   Protocol Length Info
   1464 2145.303508000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0/13
```

Frame 1464: 436 bytes on wire (3488 bits), 436 bytes captured (3488 bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.      Time              Source                Destination
   Protocol Length Info
   1465 2145.617238000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60      Reply
```

Frame 1465: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... = LG bit: Globally unique
         address (factory default)
      ....0 .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ....
0020 00 00 00 00 00 00 00 00   ....
```

```
No.      Time              Source                Destination
   Protocol Length Info
   1466 2146.313337000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0/13
```

Frame 1466: 436 bytes on wire (3488 bits), 436 bytes captured (3488 bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.      Time              Source                Destination
   Protocol Length Info
   1468 2147.169733000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      436     Device ID: tux-sw5  Port ID: FastEthernet0/13
```

Frame 1468: 436 bytes on wire (3488 bits), 436 bytes captured (3488 bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

```
No.      Time              Source              Destination
   Protocol Length Info
   1469 2148.175983000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1469: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1471 2149.183879000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1471: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1472 2150.190478000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1472: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1474 2151.196085000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1474: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1476 2152.202505000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1476: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1477 2153.209116000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1477: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.      Time              Source              Destination
   Protocol Length Info
   1479 2154.215976000 Cisco_3a:f6:0f       CDP/VTP/DTP/PAgP/UDLD
      CDP       436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1479: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol
```

```
No.       Time              Source                Destination
   Protocol Length Info
   1480 2155.227473000 Cisco_3a:f6:0f          CDP/VTP/DTP/PAgP/UDLD
      CDP      436    Device ID: tux-sw5  Port ID: FastEthernet0/13

Frame 1480: 436 bytes on wire (3488 bits), 436 bytes captured (3488
   bits) on interface 0
IEEE 802.3 Ethernet
Logical-Link Control
Cisco Discovery Protocol

No.       Time              Source                Destination
   Protocol Length Info
   1481 2155.624624000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60     Reply

Frame 1481: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
No.       Time              Source                Destination
   Protocol Length Info
   1487 2165.631991000 Cisco_3a:f6:0f          Cisco_3a:f6:0f
      LOOP     60     Reply

Frame 1487: 60 bytes on wire (480 bits), 60 bytes captured (480
   bits) on interface 0
Ethernet II, Src: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f), Dst: Cisco_3a
   :f6:0f (fc:fb:fb:3a:f6:0f)
   Destination: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Source: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      Address: Cisco_3a:f6:0f (fc:fb:fb:3a:f6:0f)
      .... ..0. .... .... .... .... = LG bit: Globally unique
         address (factory default)
      .... ...0 .... .... .... .... = IG bit: Individual address
         (unicast)
   Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0020  00 00 00 00 00 00 00 00                           ........
```

ANEXO - CÓDIGO FONTE