

**Trama de ARP Request:** (t1m26 → t1m34)

```
ff ff ff ff ff ff 0 10 4b 95 ce a7 8 6 0 1 8 0 6 4 0 1 0 10 4b 95 ce a7 1 1 1 1a
0 0 0 0 0 0 1 1 1 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

Nivel: Ethernet

```
Direccion MAC origen (48) = 0:10:4b:95:ce:a7 (0x00104b95cea7)
Direccion MAC destino (48) = ff:ff:ff:ff:ff:ff (0xfffffffffff)
Tipo (16) = Ethernet II + ARP (IP, CHAOSnet) (2054 dez.) (0x0806)
Bytes de datos = 46
```

Nivel: ARP Tam: 28

```
Hardware Type (16) = Ethernet 10 Mbps (0x0001)
Protocol Type (16) = IP DoD (2048 dez.) (0x0800)
Hardware Length (8) = 6 (0x06)
Software Length (8) = 4 (0x04)
Operation Code (16) = ARP Request (0x0001)
Hardware source address (48) = 0:10:4b:95:ce:a7 (0x00104b95cea7)
Software source address (32) = 1.1.1.26 (0x0101011a)
Hardware destination address (48) = 0:0:0:0:0:0 (0x000000000000)
Software destination address (32) = 1.1.1.34 (0x01010122)
Bytes de datos = 0
```

**Trama de ARP Reply:**

```
0 10 4b 95 ce a7 0 10 4b 99 9d 17 8 6 0 1 8 0 6 4 0 2 0 10 4b 99 9d 17 1 1 1 22
0 10 4b 95 ce a7 1 1 1 1a 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```

Nivel: Ethernet

```
Direccion MAC origen (48) = 0:10:4b:99:9d:17 (0x00104b999d17)
Direccion MAC destino (48) = 0:10:4b:95:ce:a7 (0x00104b95cea7)
Tipo (16) = Ethernet II + ARP (IP, CHAOSnet) (2054 dez.) (0x0806)
Bytes de datos = 46
```

Nivel: ARP Tam: 28

```
Hardware Type (16) = Ethernet 10 Mbps (0x0001)
Protocol Type (16) = IP DoD (2048 dez.) (0x0800)
Hardware Length (8) = 6 (0x06)
Software Length (8) = 4 (0x04)
Operation Code (16) = ARP Reply (0x0002)
Hardware source address (48) = 0:10:4b:99:9d:17 (0x00104b999d17)
Software source address (32) = 1.1.1.34 (0x01010122)
Hardware destination address (48) = 0:10:4b:95:ce:a7 (0x00104b95cea7)
Software destination address (32) = 1.1.1.26 (0x0101011a)
Bytes de datos = 0
```

**Ejemplo con tcpdump:** (t1m26 → t1m34)

```
[root@t1m15 /root]# tcpdump arp
Kernel filter, protocol ALL, datagram packet socket
tcpdump: listening on all devices
21:04:17.441761 eth0 B arp who-has t1m34.net.t1m.unavarra.es tell t1m26.net.t1m.unavarra.es
21:04:17.441809 eth0 P arp reply t1m34.net.t1m.unavarra.es is-at 0:10:4b:99:9d:17
(0:10:4b:95:ce:a7)
```