

Microsoft: \Device\NPF_{7BB3C130-30C5-4419-B79E-C0868085ABED} [Wireshark 1.8.2 (SVN Rev 44520 from /trunk-1.8)]

File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help

Filter: Expression... Clear Apply Save

No.	Time	Source	Destination	Protocol	Length	Info
1	0.00000000	fe80::b1ee:c4ae:a11ff02::c		SSDP	208	M-SEARCH * HTTP/1.1
2	0.30588900	192.168.1.109	192.168.1.1	TCP	66	56081 > http [SYN] Seq=0 win=8192 Len=0 MSS=1260 WS=4 SACK_P
3	0.30723400	192.168.1.109	192.168.1.1	TCP	66	56082 > http [SYN] Seq=0 win=8192 Len=0 MSS=1260 WS=4 SACK_P
4	0.31007200	192.168.1.1	192.168.1.109	TCP	66	http > 56081 [SYN, ACK] Seq=0 Ack=1 win=5840 Len=0 MSS=1460
5	0.31018800	192.168.1.109	192.168.1.1	TCP	54	56081 > http [ACK] Seq=1 Ack=1 win=66780 Len=0
6	0.31092800	192.168.1.1	192.168.1.109	TCP	66	http > 56082 [SYN, ACK] Seq=0 Ack=1 win=5840 Len=0 MSS=1460
7	0.31103000	192.168.1.109	192.168.1.1	TCP	54	56082 > http [ACK] Seq=1 Ack=1 win=66780 Len=0
8	0.35044400	192.168.1.109	192.168.1.1	HTTP	425	GET / HTTP/1.1

Frame 2: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Ethernet II, Src: IntelCor_45:5d:c4 (24:77:03:45:5d:c4), Dst: Cisco-Li_a0:d1:be (00:18:39:a0:d1:be)

Internet Protocol Version 4, Src: 192.168.1.109 (192.168.1.109), Dst: 192.168.1.1 (192.168.1.1)

Version: 4
Header length: 20 bytes

Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))
Total Length: 52
Identification: 0x31fc (12796)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 128
Protocol: TCP (6)
Header checksum: 0x4509 [correct]
Source: 192.168.1.109 (192.168.1.109)
Destination: 192.168.1.1 (192.168.1.1)
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 56081 (56081), Dst Port: http (80), Seq: 0, Len: 0

```

0000  00 18 39 a0 d1 be 24 77 03 45 5d c4 08 00 45 00  ..9...$w .E]...E.
0010  00 34 31 fc 40 00 80 06 45 09 c0 a8 01 6d c0 a8  .4l.@... E....m..
0020  01 01 db 11 00 50 a0 cc 44 95 00 00 00 00 80 02  .....P.. D.....
0030  20 00 0b 5c 00 00 02 04 04 ec 01 03 03 02 01 01  ..\....
0040  04 02  ..

```

Internet Protocol Version 4 (ip), 20 bytes | Packets: 16 Displayed: 16 Marked: 0 Dropped: 0 | Profile: Default

La captura 1 muestra el contenido del paquete número 2 en esta captura de muestra. Observe que la dirección de origen (Source) figura como 192.168.1.109 y la de destino (Destination) figura como 192.168.1.1. La ventana del centro contiene información sobre el encabezado de IPv4, como la longitud del encabezado (header length), la longitud total (total length) y cualquier indicador (flags) que se establezca.

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1	0.00000000	fe80::b1ee:c4ae:a11ff02::c		SSDP	208	M-SEARCH * HTTP/1.1
2	0.30588900	192.168.1.109	192.168.1.1	TCP	66	56081 > http [SYN] Seq=0 win=8192 Len=0 MSS=1260 WS=4 SACK_P
3	0.30723400	192.168.1.109	192.168.1.1	TCP	66	56082 > http [SYN] Seq=0 win=8192 Len=0 MSS=1260 WS=4 SACK_P
4	0.31007200	192.168.1.1	192.168.1.109	TCP	66	http > 56081 [SYN, ACK] Seq=0 Ack=1 win=5840 Len=0 MSS=1460
5	0.31018800	192.168.1.109	192.168.1.1	TCP	54	56081 > http [ACK] Seq=1 Ack=1 win=66780 Len=0
6	0.31092800	192.168.1.1	192.168.1.109	TCP	66	http > 56082 [SYN, ACK] Seq=0 Ack=1 win=5840 Len=0 MSS=1460
7	0.31103000	192.168.1.109	192.168.1.1	TCP	54	56082 > http [ACK] Seq=1 Ack=1 win=66780 Len=0
8	0.35044400	192.168.1.109	192.168.1.1	HTTP	425	GET / HTTP/1.1

Frame 8: 425 bytes on wire (3400 bits), 425 bytes captured (3400 bits) on interface 0

- Ethernet II, Src: IntelCor_45:5d:c4 (24:77:03:45:5d:c4), Dst: Cisco-Li_a0:d1:be (00:18:39:a0:d1:be)
- Internet Protocol Version 4, Src: 192.168.1.109 (192.168.1.109), Dst: 192.168.1.1 (192.168.1.1)
 - Version: 4
 - Header length: 20 bytes
 - Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))
 - Total Length: 411
 - Identification: 0x3200 (12800)
 - Flags: 0x02 (Don't Fragment)
 - Fragment offset: 0
 - Time to live: 128
 - Protocol: TCP (6)
 - Header checksum: 0x439e [correct]
 - Source: 192.168.1.109 (192.168.1.109)
 - Destination: 192.168.1.1 (192.168.1.1)
 - [Source GeoIP: Unknown]
 - [Destination GeoIP: Unknown]
- Transmission Control Protocol, Src Port: 56081 (56081), Dst Port: http (80), Seq: 1, Ack: 1, Len: 371
- Hypertext Transfer Protocol

```

0000  00 18 39 a0 d1 be 24 77 03 45 5d c4 08 00 45 00  ..9...$w .E]...E.
0010  01 9b 32 00 40 00 80 06 43 9e c0 a8 01 6d c0 a8  ..2.@...C...m..
0020  01 01 db 11 00 50 a0 cc 44 96 fa 5b 4f 34 50 18  .....P...D...[O4P.
0030  41 37 b0 3d 00 00 47 45 54 20 2f 20 48 54 54 50  A7.=..GE T / HTTP
0040  2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 31 39 32 2e  /1.1..Host: 192.
0050  31 26 38 2a 31 2a 31 0d 03 43 6f 6a 6a 65 62 74  168.1.1. Connect
  
```

Internet Protocol Version 4 (ip), 20 bytes | Packets: 16 Displayed: 16 Marked: 0 Dropped: 0 | Profile: Default

La captura 2 muestra el contenido del paquete número 8 en esta captura de muestra. Este es un paquete HTTP. Observe además la presencia de información más allá de la sección TCP.

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Filter: Expression... Clear Apply Save

No.	Time	Source	Destination	Protocol	Length	Info
16	3.64050300	192.168.1.109	192.168.1.1	ICMP	74	Echo (ping) request id=0x0001, seq=5/1280, ttl=128
17	3.64506800	192.168.1.1	192.168.1.109	ICMP	74	Echo (ping) reply id=0x0001, seq=5/1280, ttl=64
18	3.68215500	192.168.1.109	38.112.107.53	TCP	54	55502 > https [ACK] Seq=1 Ack=134 win=16661 Len=0
19	4.19945400	fe80::15ff:98d8:d28ff02::c		SSDP	208	M-SEARCH * HTTP/1.1
20	4.60748800	fe80::15ff:98d8:d28ff02::c	fe80::b1ee:c4ae:a11	SSDP	453	HTTP/1.1 200 OK
21	4.64229900	192.168.1.109	192.168.1.1	ICMP	74	Echo (ping) request id=0x0001, seq=6/1536, ttl=128
22	4.64509200	192.168.1.1	192.168.1.109	ICMP	74	Echo (ping) reply id=0x0001, seq=6/1536, ttl=64
23	4.73605200	192.168.1.109	255.255.255.255	DB-LSP-	154	Drobbbox LAN svnc Discovery Protocol

Frame 16: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0

Ethernet II, Src: IntelCor_45:5d:c4 (24:77:03:45:5d:c4), Dst: Cisco-Li_a0:d1:be (00:18:39:a0:d1:be)

Internet Protocol Version 4, Src: 192.168.1.109 (192.168.1.109), Dst: 192.168.1.1 (192.168.1.1)

- Version: 4
- Header length: 20 bytes
- Differentiated Services Field: 0x00 (DSCP 0x00: Default; ECN: 0x00: Not-ECT (Not ECN-Capable Transport))
- Total Length: 60
- Identification: 0x3704 (14084)
- Flags: 0x00
- Fragment offset: 0
- Time to live: 128
- Protocol: ICMP (1)
- Header checksum: 0x7ffe [correct]
- Source: 192.168.1.109 (192.168.1.109)
- Destination: 192.168.1.1 (192.168.1.1)
- [Source GeoIP: Unknown]
- [Destination GeoIP: Unknown]

Internet Control Message Protocol

```

0000  00 18 39 a0 d1 be 24 77 03 45 5d c4 08 00 45 00  ..9...$w.E]...E.
0010  00 3c 37 04 00 00 80 01 7f fe c0 a8 01 6d c0 a8  .<7.....m...
0020  01 01 08 00 4d 56 00 01 00 05 61 62 63 64 65 66  ..MV.. ..abcdef
0030  67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76  ghijklmn opqrstuv
0040  77 61 62 63 64 65 66 67 68 69                    wabcdfg hi

```

Internet Protocol Version 4 (ip), 20 bytes | Packets: 35 Displayed: 35 Marked: 0 Dropped: 0 | Profile: Default

La captura 3 muestra el contenido del paquete número 16 en esta captura de muestra. El paquete de muestra es una solicitud de ping desde el host 192.168.1.109 hasta el host 192.168.1.1. Observe la ausencia de información de TCP o UDP debido a que este es un paquete de protocolo de mensajes de control de Internet (ICMP).