

Sesión TCP Ejercicio 1

Apply a display filter ... <=>

No.	Time	Source	Destination	Protocol	Length	Info
108	709.482850	192.168.0.100	239.255.255.250	SSDP	211	M-SEARCH * HTTP/1.1
109	710.484146	192.168.0.100	239.255.255.250	SSDP	211	M-SEARCH * HTTP/1.1
110	715.810266	192.168.0.100	192.168.0.255	UDP	86	57621 → 57621 Len=44
111	755.677613	192.168.0.100	224.0.0.251	MDNS	87	Standard query 0x0000 PTR _spotify-connect._1
112	755.679782	fe80::412:4b03:b35...	ff02::fb	MDNS	107	Standard query 0x0000 PTR _spotify-connect._1
113	757.574248	192.168.0.100	239.255.255.250	SSDP	167	M-SEARCH * HTTP/1.1
114	766.320395	192.168.0.100	192.168.0.255	UDP	86	57621 → 57621 Len=44
115	808.457303	192.168.0.100	192.168.0.255	UDP	86	57621 → 57621 Len=44

> Frame 20: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface en7, id 0
> Ethernet II, Src: MS-NLB-PhysServer-18_13:10:15:11 (02:12:13:10:15:11), Dst: RealtekS_68:03:41 (00:e0:4c:68:03:41)
✓ Internet Protocol Version 4, Src: 192.168.0.102, Dst: 192.168.0.100
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 57
Identification: 0x0004 (4)
> Flags: 0x00
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 255
Protocol: TCP (6)
Header Checksum: 0x39a0 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.102
Destination Address: 192.168.0.100
✓ Transmission Control Protocol, Src Port: 7, Dst Port: 63375, Seq: 7, Ack: 24, Len: 17
Source Port: 7
Destination Port: 63375
[Stream index: 0]
[Conversation completeness: Incomplete (12)]
[TCP Segment Len: 17]
Sequence Number: 7 (relative sequence number)
Sequence Number (raw): 6523
[Next Sequence Number: 24 (relative sequence number)]
Acknowledgment Number: 24 (relative ack number)
0000 00 e0 4c 68 03 41 02 12 13 10 15 11 08 00 45 00 ..Lh.A...E..
0010 00 39 00 04 00 00 ff 06 39 a0 c0 a8 00 66 c0 a8 .9.....9...f..
0020 00 64 00 07 f7 8f 00 00 19 7b 19 4c c8 ee 50 18 .d.....{L.P..
0030 0b 4b f3 6a 00 00 54 61 72 65 61 20 57 69 72 65 .K.j..Ta rea Wire
0040 73 68 61 72 6b 0d 0a shark..

Labels and Annotations:

- Tiempo de Vida: Points to the 'Time to Live' field (255).
- Protocolo: Points to the 'Protocol' field (TCP (6)).
- Suma de comprobaciones: Points to the 'Header Checksum' field (0x39a0).
- IP Origen: Points to the 'Source Address' field (192.168.0.102).
- IP Destino: Points to the 'Destination Address' field (192.168.0.100).
- Versión IP: Points to the 'Version' field (4).
- Longitud de encabezado: Points to the 'Header Length' field (5).
- Tipo de servicio ToS: Points to the 'Differentiated Services Field' (0x00).
- Longitud Total: Points to the 'Total Length' field (57).
- Identificación: Points to the 'Identification' field (0x0004).
- Desplazamiento de fragmentos: Points to the 'Fragment Offset' field (0).

> Frame 20: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface en7, id 0
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✓ Internet Protocol Version 4, Src: 192.168.0.102, Dst: 192.168.0.100
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 57
Identification: 0x0004 (4)
✓ Flags: 0x00
0... = Reserved bit: Not set
.0.. = Don't fragment: Not set
..0. = More fragments: Not set
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 255
Protocol: TCP (6)
Header Checksum: 0x39a0 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.102
Destination Address: 192.168.0.100
> Transmission Control Protocol, Src Port: 7, Dst Port: 63375, Seq: 7, Ack: 24, Len: 17
> Echo

Labels and Annotations:

- No fragmentos: Points to the 'Don't fragment' flag (Not set).
- Mas fragmentos: Points to the 'More fragments' flag (Not set).