

No.	Time	Source	Destination	Protocol	Length	Info
17	2.626318	192.168.5.1	192.168.5.20	TCP	74	41914 → 80 [SYN] Seq=0 Win=42340 Len=0 MSS=1460 SACK_PERM=1 TSval=1359974283 TSecr=0 WS=512 Frame 17: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 192.168.5.20 Transmission Control Protocol, Src Port: 41914, Dst Port: 80, Seq: 0, Len: 0
18	2.627142	192.168.5.20	192.168.5.1	TCP	74	80 → 41914 [SYN, ACK] Seq=0 Ack=1 Win=43440 Len=0 MSS=1460 SACK_PERM=1 TSval=1048043196 TSecr=1359974283 WS=512 Frame 18: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) Ethernet II, Src: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9) Internet Protocol Version 4, Src: 192.168.5.20, Dst: 192.168.5.1 Transmission Control Protocol, Src Port: 80, Dst Port: 41914, Seq: 0, Ack: 1, Len: 0
19	2.627585	192.168.5.1	192.168.5.20	TCP	66	41914 → 80 [ACK] Seq=1 Ack=1 Win=42496 Len=0 TSval=1359974286 TSecr=1048043196 Frame 19: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 192.168.5.20 Transmission Control Protocol, Src Port: 41914, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
20	2.627632	192.168.5.1	192.168.5.20	HTTP	143	HEAD / HTTP/1.1 Frame 20: 143 bytes on wire (1144 bits), 143 bytes captured (1144 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 192.168.5.20 Transmission Control Protocol, Src Port: 41914, Dst Port: 80, Seq: 1, Ack: 1, Len: 77 Hypertext Transfer Protocol
21	2.628213	192.168.5.20	192.168.5.1	TCP	66	80 → 41914 [ACK] Seq=1 Ack=78 Win=43520 Len=0 TSval=1048043197 TSecr=1359974286 Frame 21: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9) Internet Protocol Version 4, Src: 192.168.5.20, Dst: 192.168.5.1 Transmission Control Protocol, Src Port: 80, Dst Port: 41914, Seq: 1, Ack: 78, Len: 0
22	2.630435	192.168.5.20	192.168.5.1	HTTP	222	HTTP/1.0 200 OK Frame 22: 222 bytes on wire (1776 bits), 222 bytes captured (1776 bits) Ethernet II, Src: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9) Internet Protocol Version 4, Src: 192.168.5.20, Dst: 192.168.5.1 Transmission Control Protocol, Src Port: 80, Dst Port: 41914, Seq: 1, Ack: 78, Len: 156 Hypertext Transfer Protocol
23	2.630528	192.168.5.20	192.168.5.1	TCP	66	80 → 41914 [FIN, ACK] Seq=157 Ack=78 Win=43520 Len=0 TSval=1048043199 TSecr=1359974286 Frame 23: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9) Internet Protocol Version 4, Src: 192.168.5.20, Dst: 192.168.5.1 Transmission Control Protocol, Src Port: 80, Dst Port: 41914, Seq: 157, Ack: 78, Len: 0
24	2.631021	192.168.5.1	192.168.5.20	TCP	66	41914 → 80 [ACK] Seq=78 Ack=157 Win=42496 Len=0 TSval=1359974290 TSecr=1048043199 Frame 24: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 192.168.5.20 Transmission Control Protocol, Src Port: 41914, Dst Port: 80, Seq: 78, Ack: 157, Len: 0
25	2.631172	192.168.5.1	192.168.5.20	TCP	66	41914 → 80 [FIN, ACK] Seq=78 Ack=158 Win=42496 Len=0 TSval=1359974290 TSecr=1048043199 Frame 25: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 192.168.5.20 Transmission Control Protocol, Src Port: 41914, Dst Port: 80, Seq: 78, Ack: 158, Len: 0
26	2.631292	192.168.5.20	192.168.5.1	TCP	66	80 → 41914 [ACK] Seq=158 Ack=79 Win=43520 Len=0 TSval=1048043200 TSecr=1359974290 Frame 26: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) Ethernet II, Src: e6:ab:6f:7a:2a:7e (e6:ab:6f:7a:2a:7e), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9) Internet Protocol Version 4, Src: 192.168.5.20, Dst: 192.168.5.1 Transmission Control Protocol, Src Port: 80, Dst Port: 41914, Seq: 158, Ack: 79, Len: 0
29	2.644179	192.168.5.1	8.8.8.8	DNS	71	Standard query 0xf7fb AAAA exemplo.org Frame 29: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7) Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

User Datagram Protocol, Src Port: 36089, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
30	2.644234	192.168.5.1	1.1.1.1	DNS	71	Standard query 0xf7fb

AAAA exemplo.org

Frame 30: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 1.1.1.1

User Datagram Protocol, Src Port: 36089, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
31	2.644295	192.168.5.1	8.8.8.8	DNS	71	Standard query 0xf7fb

AAAA exemplo.org

Frame 31: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

User Datagram Protocol, Src Port: 36089, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
32	2.644356	192.168.5.1	8.8.8.8	DNS	71	Standard query 0x38bd A

exemplo.org

Frame 32: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

User Datagram Protocol, Src Port: 39859, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
33	2.644395	192.168.5.1	1.1.1.1	DNS	71	Standard query 0x38bd A

exemplo.org

Frame 33: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 1.1.1.1

User Datagram Protocol, Src Port: 39859, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
34	2.644420	192.168.5.1	8.8.8.8	DNS	71	Standard query 0x38bd A

exemplo.org

Frame 34: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

User Datagram Protocol, Src Port: 39859, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
35	2.665912	1.1.1.1	192.168.5.1	DNS	131	Standard query response

0xf7fb AAAA exemplo.org SOA ns27.wv.pt

Frame 35: 131 bytes on wire (1048 bits), 131 bytes captured (1048 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 1.1.1.1, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 36089

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
36	2.666073	1.1.1.1	192.168.5.1	DNS	87	Standard query response

0x38bd A exemplo.org A 80.172.227.9

Frame 36: 87 bytes on wire (696 bits), 87 bytes captured (696 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 1.1.1.1, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 39859

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
37	2.668410	192.168.5.1	80.172.227.9	TCP	74	49368 → 80 [SYN] Seq=0

Win=42340 Len=0 MSS=1460 SACK\_PERM=1 TSval=3664341459 TSecr=0 WS=512

Frame 37: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9

Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 0, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
39	2.957525	8.8.8.8	192.168.5.1	DNS	131	Standard query response

0xf7fb AAAA exemplo.org SOA ns27.wv.pt

Frame 39: 131 bytes on wire (1048 bits), 131 bytes captured (1048 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 36089

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
40	2.957588	192.168.5.1	8.8.8.8	ICMP	159	Destination unreachable

(Port unreachable)

Frame 40: 159 bytes on wire (1272 bits), 159 bytes captured (1272 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

Internet Control Message Protocol

No.	Time	Source	Destination	Protocol	Length	Info
41	2.957719	80.172.227.9	192.168.5.1	TCP	74	80 → 49368 [SYN, ACK] Seq=0 Ack=1 Win=28960 Len=0 MSS=1416 SACK_PERM=1 TSval=3559632296 TSecr=3664341459 WS=128

Frame 41: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 80.172.227.9, Dst: 192.168.5.1

Transmission Control Protocol, Src Port: 80, Dst Port: 49368, Seq: 0, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
42	2.957845	8.8.8.8	192.168.5.1	DNS	131	Standard query response 0xf7fb AAAA exemplo.org SOA ns27.wv.pt

Frame 42: 131 bytes on wire (1048 bits), 131 bytes captured (1048 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 36089

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
43	2.957866	192.168.5.1	8.8.8.8	ICMP	159	Destination unreachable (Port unreachable)

Frame 43: 159 bytes on wire (1272 bits), 159 bytes captured (1272 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

Internet Control Message Protocol

No.	Time	Source	Destination	Protocol	Length	Info
44	2.958198	8.8.8.8	192.168.5.1	DNS	87	Standard query response 0x38bd A exemplo.org A 80.172.227.9

Frame 44: 87 bytes on wire (696 bits), 87 bytes captured (696 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 39859

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
45	2.958260	192.168.5.1	8.8.8.8	ICMP	115	Destination unreachable (Port unreachable)

Frame 45: 115 bytes on wire (920 bits), 115 bytes captured (920 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

Internet Control Message Protocol

No.	Time	Source	Destination	Protocol	Length	Info
46	2.958414	8.8.8.8	192.168.5.1	DNS	87	Standard query response 0x38bd A exemplo.org A 80.172.227.9

Frame 46: 87 bytes on wire (696 bits), 87 bytes captured (696 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 192.168.5.1

User Datagram Protocol, Src Port: 53, Dst Port: 39859

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
47	2.958423	192.168.5.1	8.8.8.8	ICMP	115	Destination unreachable (Port unreachable)

Frame 47: 115 bytes on wire (920 bits), 115 bytes captured (920 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 8.8.8.8

Internet Control Message Protocol

No.	Time	Source	Destination	Protocol	Length	Info
48	2.959605	192.168.5.1	80.172.227.9	TCP	66	49368 → 80 [ACK] Seq=1 Ack=1 Win=42496 Len=0 TSval=3664341750 TSecr=3559632296

Frame 48: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9

Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 1, Ack: 1, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
49	2.959733	192.168.5.1	80.172.227.9	HTTP	142	HEAD / HTTP/1.1

Frame 49: 142 bytes on wire (1136 bits), 142 bytes captured (1136 bits)

Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)

Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9

Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 1, Ack: 1, Len: 76

Hypertext Transfer Protocol

No.	Time	Source	Destination	Protocol	Length	Info
50	3.263472	80.172.227.9	192.168.5.1	HTTP	178	HTTP/1.1 200 OK

Frame 50: 178 bytes on wire (1424 bits), 178 bytes captured (1424 bits)

Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)

Internet Protocol Version 4, Src: 80.172.227.9, Dst: 192.168.5.1

Transmission Control Protocol, Src Port: 80, Dst Port: 49368, Seq: 1, Ack: 77, Len: 112

## Hypertext Transfer Protocol

No.	Time	Source	Destination	Protocol	Length	Info
51	3.263634	80.172.227.9	192.168.5.1	TCP	66	80 → 49368 [ACK] Seq=1
Ack=77 Win=29056 Len=0 TSval=3559632596 TSecr=3664341750						
Frame 51: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)						
Ethernet II, Src: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7), Dst: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9)						
Internet Protocol Version 4, Src: 80.172.227.9, Dst: 192.168.5.1						
Transmission Control Protocol, Src Port: 80, Dst Port: 49368, Seq: 1, Ack: 77, Len: 0						
No.	Time	Source	Destination	Protocol	Length	Info
52	3.264480	192.168.5.1	80.172.227.9	TCP	66	49368 → 80 [ACK] Seq=77
Ack=113 Win=42496 Len=0 TSval=3664342055 TSecr=3559632597						
Frame 52: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)						
Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)						
Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9						
Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 77, Ack: 113, Len: 0						
No.	Time	Source	Destination	Protocol	Length	Info
53	3.264586	192.168.5.1	80.172.227.9	TCP	66	[TCP Dup ACK 52#1]
49368 → 80 [ACK] Seq=77 Ack=113 Win=42496 Len=0 TSval=3664342055 TSecr=3559632597						
Frame 53: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)						
Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)						
Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9						
Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 77, Ack: 113, Len: 0						
No.	Time	Source	Destination	Protocol	Length	Info
54	3.264881	192.168.5.1	80.172.227.9	TCP	66	49368 → 80 [FIN, ACK]
Seq=77 Ack=113 Win=42496 Len=0 TSval=3664342056 TSecr=3559632597						
Frame 54: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)						
Ethernet II, Src: 1e:39:34:7b:a5:c9 (1e:39:34:7b:a5:c9), Dst: 4a:6b:bd:53:45:f7 (4a:6b:bd:53:45:f7)						
Internet Protocol Version 4, Src: 192.168.5.1, Dst: 80.172.227.9						
Transmission Control Protocol, Src Port: 49368, Dst Port: 80, Seq: 77, Ack: 113, Len: 0						
No.	Time	Source	Destination	Protocol	Length	Info
61	3.406521	86:41:c1:4e:47:6a	Broadcast	ARP	42	Who has 192.168.5.100?
Tell 192.168.5.10						
Frame 61: 42 bytes on wire (336 bits), 42 bytes captured (336 bits)						
Ethernet II, Src: 86:41:c1:4e:47:6a (86:41:c1:4e:47:6a), Dst: Broadcast (ff:ff:ff:ff:ff:ff)						
Address Resolution Protocol (request)						