No.

Time

Source

```
Time
                       Source
                                            Destination
                                                                   Protocol Length Info
      1 0.000000000
                                            127.0.0.53
                                                                            100
                       127.0.0.1
                                                                                   Standard query 0xbc2f
AAAA connectivity-check.ubuntu.com OPT
Frame 1: 100 bytes on wire (800 bits), 100 bytes captured (800 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.53
User Datagram Protocol, Src Port: 54096, Dst Port: 53
Domain Name System (query)
        Time
                                             Destination
                                                                   Protocol Length Info
                       Source
      2 0.021090132
                       127.0.0.53
                                             127.0.0.1
                                                                   DNS
                                                                            100
                                                                                   Standard query response
0xbc2f AAAA connectivity-check.ubuntu.com OPT
Frame 2: 100 bytes on wire (800 bits), 100 bytes captured (800 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.53, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 53, Dst Port: 54096
Domain Name System (response)
       Time
                                             Destination
                                                                   Protocol Length Info
                       Source
      3 0.021271434
                       127.0.0.1
                                             127.0.0.53
                                                                   DNS
                                                                            111
                                                                                  Standard query 0x41b5
AAAA connectivity-check.ubuntu.com.mshome.net OPT
Frame 3: 111 bytes on wire (888 bits), 111 bytes captured (888 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.53
User Datagram Protocol, Src Port: 48273, Dst Port: 53
Domain Name System (query)
No.
        Time
                       Source
                                            Destination
                                                                  Protocol Length Info
      4 0.213674949
                       127.0.0.53
                                             127.0.0.1
                                                                            111
                                                                                   Standard query response
0x41b5 No such name AAAA connectivity-check.ubuntu.com.mshome.net OPT
Frame 4: 111 bytes on wire (888 bits), 111 bytes captured (888 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.53, Dst: 127.0.0.1
User Datagram Protocol, Src Port: 53, Dst Port: 48273
Domain Name System (response)
        Time
                                                                  Protocol Length Info
No.
                       Source
                                             Destination
      5 2.732456642
                       127.0.0.1
                                             127.0.0.1
                                                                  TCP
                                                                            74
                                                                                   34296 → 12345 [SYN]
Seq=0 Win=65495 Len=0 MSS=65495 SACK_PERM=1 TSval=2188522245 TSecr=0 WS=128
Frame 5: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 34296, Dst Port: 12345, Seq: 0, Len: 0
No.
        Time
                       Source
                                            Destination
                                                                  Protocol Length Info
      6 2.732466342
                       127.0.0.1
                                             127.0.0.1
                                                                   TCP
                                                                            74
                                                                                   12345 → 34296 [SYN,
ACK] Seq=0 Ack=1 Win=65483 Len=0 MSS=65495 SACK_PERM=1 TSval=2188522245 TSecr=2188522245 WS=128
Frame 6: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 12345, Dst Port: 34296, Seq: 0, Ack: 1, Len: 0
       Time
                       Source
                                            Destination
                                                                  Protocol Length Info
      7 2.732474642
                       127.0.0.1
                                             127.0.0.1
                                                                   TCP
                                                                            66
                                                                                   34296 \rightarrow 12345 [ACK]
Seq=1 Ack=1 Win=65536 Len=0 TSval=2188522245 TSecr=2188522245
Frame 7: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 34296, Dst Port: 12345, Seq: 1, Ack: 1, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
      8 2.732792546
                       127.0.0.1
                                             127.0.0.1
                                                                   HTTP
                                                                            400
                                                                                   GET / HTTP/1.1
Frame 8: 400 bytes on wire (3200 bits), 400 bytes captured (3200 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 34296, Dst Port: 12345, Seq: 1, Ack: 1, Len: 334
Hypertext Transfer Protocol
No.
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
      9 2.732799546
                       127.0.0.1
                                             127.0.0.1
                                                                                   12345 → 34296 [ACK]
Seq=1 Ack=335 Win=65152 Len=0 TSval=2188522245 TSecr=2188522245
Frame 9: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 12345, Dst Port: 34296, Seq: 1, Ack: 335, Len: 0
No.
        Time
                       Source
                                            Destination
                                                                  Protocol Length Info
     10 2.733185550
                       127.0.0.1
                                             127.0.0.1
                                                                   TCP
                                                                            406
                                                                                  12345 → 34296 [PSH,
ACK] Seq=1 Ack=335 Win=65536 Len=340 TSval=2188522246 TSecr=2188522245 [TCP segment of a reassembled PDU]
Frame 10: 406 bytes on wire (3248 bits), 406 bytes captured (3248 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 12345, Dst Port: 34296, Seq: 1, Ack: 335, Len: 340
```

Destination

Protocol Length Info

```
TCP
     11 2.733193950
                       127.0.0.1
                                             127.0.0.1
                                                                             66
                                                                                    34296 \rightarrow 12345 [ACK]
Seq=335 Ack=341 Win=65280 Len=0 TSval=2188522246 TSecr=2188522246
Frame 11: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 34296, Dst Port: 12345, Seq: 335, Ack: 341, Len: 0
                       Source
                                             Destination
                                                                   Protocol Length Info
     12 2.733200350
                       127.0.0.1
                                             127.0.0.1
                                                                   TCP
                                                                             66
                                                                                   12345 → 34296 [FIN,
ACK] Seq=341 Ack=335 Win=65536 Len=0 TSval=2188522246 TSecr=2188522246
Frame 12: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 12345, Dst Port: 34296, Seq: 341, Ack: 335, Len: 0
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     13 2.733322352
                                                                                    34296 → 12345 [FIN,
                       127.0.0.1
                                             127.0.0.1
ACK] Seg=335 Ack=342 Win=65536 Len=0 TSval=2188522246 TSecr=2188522246
Frame 13: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00:00:00:00:00:00:00:00:00), Dst: 00:00:00:00:00:00:00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 34296, Dst Port: 12345, Seq: 335, Ack: 342, Len: 0
        Time
                                                                   Protocol Length Info
No.
                       Source
                                             Destination
     14 2.733326452
                       127.0.0.1
                                             127.0.0.1
                                                                             66
                                                                                    12345 → 34296 [ACK]
Seq=342 Ack=336 Win=65536 Len=0 TSval=2188522246 TSecr=2188522246
Frame 14: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface lo, id 0
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Internet Protocol Version 4, Src: 127.0.0.1, Dst: 127.0.0.1
Transmission Control Protocol, Src Port: 12345, Dst Port: 34296, Seq: 342, Ack: 336, Len: 0
```