```
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
      1 0.000000000
                       10.0.2.15
                                             10.0.2.3
                                                                             88
                                                                                    Standard query 0x2538 A
contile.services.mozilla.com
Frame 1: 88 bytes on wire (704 bits), 88 bytes captured (704 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 50621, Dst Port: 53
Domain Name System (query)
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
      2 0.000532663
                       10.0.2.15
                                             10.0.2.3
                                                                    DNS
                                                                             88
                                                                                    Standard query 0x843e
AAAA contile.services.mozilla.com
Frame 2: 88 bytes on wire (704 bits), 88 bytes captured (704 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 50621, Dst Port: 53
Domain Name System (query)
                                             Destination
       Time
                                                                    Protocol Length Info
                       Source
      3 0.046455520
                       10.0.2.3
                                             10.0.2.15
                                                                    DNS
                                                                             104
                                                                                    Standard query response
0x2538 A contile.services.mozilla.com A 34.36.137.203
Frame 3: 104 bytes on wire (832 bits), 104 bytes captured (832 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 50621
Domain Name System (response)
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
      4 0.047924396
                       10.0.2.3
                                             10.0.2.15
                                                                             169
                                                                                    Standard query response
0x843e AAAA contile.services.mozilla.com SOA ns-679.awsdns-20.net
Frame 4: 169 bytes on wire (1352 bits), 169 bytes captured (1352 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 50621
Domain Name System (response)
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
      5 0.072707530
                       10.0.2.15
                                              34.36.137.203
                                                                             74
                                                                                    36504 \rightarrow 443 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=250391657 TSecr=0 WS=128
Frame 5: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 0, Len: 0
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
      6 0.116298362
                       34.36.137.203
                                             10.0.2.15
                                                                             60
                                                                                    443 → 36504 [SYN, ACK]
Seq=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 6: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 0, Ack: 1, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                       10.0.2.15
                                             34.36.137.203
                                                                    TCP
      7 0.116337865
                                                                             54
                                                                                    36504 \rightarrow 443 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 7: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
      8 0.125722989
                       10.0.2.15
                                             34.36.137.203
                                                                    TLSv1.3 730
                                                                                    Client Hello
(SNI=contile.services.mozilla.com)
Frame 8: 730 bytes on wire (5840 bits), 730 bytes captured (5840 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1, Ack: 1, Len: 676
Transport Layer Security
                                             Destination
                                                                    Protocol Length Info
        Time
                       Source
      9 0.126107735
                       34.36.137.203
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 \rightarrow 36504 [ACK] Seq=1
Ack=677 Win=65535 Len=0
Frame 9: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 1, Ack: 677, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     10 0.242724259
                       34.36.137.203
                                             10.0.2.15
                                                                    TLSv1.3 2934
                                                                                   Server Hello, Change
Cipher Spec
Frame 10: 2934 bytes on wire (23472 bits), 2934 bytes captured (23472 bits) on interface eth0, id \theta
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
```

Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 1, Ack: 677, Len: 2880

Transport Layer Security

```
Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                                                                            54
     11 0.242823257
                       10.0.2.15
                                             34.36.137.203
                                                                   TCP
                                                                                   36504 \rightarrow 443 [ACK]
Seg=677 Ack=2881 Win=65535 Len=0
Frame 11: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 677, Ack: 2881, Len: 0
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     12 0.243183879
                       34.36.137.203
                                             10.0.2.15
                                                                   TLSv1.3 295
                                                                                   Application Data
Frame 12: 295 bytes on wire (2360 bits), 295 bytes captured (2360 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 2881, Ack: 677, Len: 241
[2 Reassembled TCP Segments (2988 bytes): #10(2747), #12(241)]
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                                                                            54
     13 0.243194096
                                             34.36.137.203
                                                                                    36504 \rightarrow 443 [ACK]
                       10.0.2.15
                                                                   TCP
Seg=677 Ack=3122 Win=65535 Len=0
Frame 13: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 677, Ack: 3122, Len: 0
        Time
                                             Destination
                                                                    Protocol Length Info
     14 0.535938572
                       10.0.2.15
                                             10.0.2.3
                                                                    DNS
                                                                             95
                                                                                    Standard query 0x7a18 A
content-signature-2.cdn.mozilla.net
Frame 14: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 50066, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     15 0.536129453
                                             10.0.2.3
                       10.0.2.15
                                                                    DNS
                                                                             95
                                                                                   Standard query 0x5c1a
AAAA content-signature-2.cdn.mozilla.net
Frame 15: 95 bytes on wire (760 bits), 95 bytes captured (760 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 50066, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                       10.0.2.3
                                             10.0.2.15
                                                                   DNS
                                                                             181
     16 0.582716365
                                                                                   Standard query response
0x7a18 A content-signature-2.cdn.mozilla.net CNAME content-signature-
chains.prod.autograph.services.mozaws.net A 34.160.144.191
Frame 16: 181 bytes on wire (1448 bits), 181 bytes captured (1448 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 50066
Domain Name System (response)
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     17 0.584666895
                       10.0.2.3
                                             10.0.2.15
                                                                   DNS
                                                                             193
                                                                                   Standard query response
0x5c1a AAAA content-signature-2.cdn.mozilla.net CNAME content-signature-
chains.prod.autograph.services.mozaws.net AAAA 2600:1901:0:92a9::
Frame 17: 193 bytes on wire (1544 bits), 193 bytes captured (1544 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 50066
Domain Name System (response)
                                             Destination
        Time
                       Source
                                                                    Protocol Length Info
     18 0.586522825
                       10.0.2.15
                                             10.0.2.3
                                                                   DNS
                                                                             75
                                                                                    Standard query 0xe70f A
r11.o.lencr.org
Frame 18: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 45317, Dst Port: 53
Domain Name System (query)
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     19 0.588142491
                       10.0.2.15
                                             34.160.144.191
                                                                                    54068 → 443 [SYN] Seq=0
                                                                             74
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3919399601 TSecr=0 WS=128
Frame 19: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 0, Len: 0
                                             Destination
No.
        Time
                       Source
                                                                    Protocol Length Info
     20 0.588510549
                       10.0.2.15
                                             10.0.2.3
                                                                             75
                                                                                    Standard query 0x340e
AAAA r11.o.lencr.org
Frame 20: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface eth0, id 0
```

Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)

```
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 45317, Dst Port: 53
Domain Name System (query)
        Time
                                              Destination
                                                                    Protocol Length Info
                       34.160.144.191
                                                                                    443 \rightarrow 54068 [SYN, ACK]
     21 0.628466831
                                              10.0.2.15
                                                                    TCP
                                                                             60
Seg=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 21: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 0, Ack: 1, Len: 0
                                              Destination
                       Source
                                                                    Protocol Length Info
     22 0.628697250
                       10.0.2.15
                                              34.160.144.191
                                                                    TCP
                                                                             54
                                                                                     54068 → 443 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 22: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
                                             Destination
                                                                    Protocol Length Info
        Time
                       Source
     23 0.631139680
                       10.0.2.15
                                              34.160.144.191
                                                                    TLSv1.2 270
                                                                                    Client Hello
(SNI=content-signature-2.cdn.mozilla.net)
Frame 23: 270 bytes on wire (2160 bits), 270 bytes captured (2160 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 1, Ack: 1, Len: 216
Transport Layer Security
        Time
                                              Destination
                                                                    Protocol Length Info
                       Source
     24 0.631753649
                       34.160.144.191
                                              10.0.2.15
                                                                    TCP
                                                                                     443 \rightarrow 54068 [ACK] Seq=1
                                                                             60
Ack=217 Win=65535 Len=0
Frame 24: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 1, Ack: 217, Len: 0
                                              Destination
        Time
                       Source
                                                                    Protocol Length Info
     25 0.633582167
                       10.0.2.3
                                              10.0.2.15
                                                                    DNS
                                                                             174
                                                                                    Standard query response
0xe70f A r11.o.lencr.org CNAME o.lencr.edgesuite.net CNAME a1887.dscq.akamai.net A 45.248.174.42 A
45.248.174.40
Frame 25: 174 bytes on wire (1392 bits), 174 bytes captured (1392 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 45317
Domain Name System (response)
        Time
                                              Destination
                       Source
                                                                    Protocol Length Info
     26 0.636182160
                       10.0.2.3
                                              10.0.2.15
                                                                    DNS
                                                                             198
                                                                                    Standard query response
0x340e AAAA r11.o.lencr.org CNAME o.lencr.edgesuite.net CNAME a1887.dscq.akamai.net AAAA 2600:140f:
2e00::685a:609 AAAA 2600:140f:2e00::685a:623
Frame 26: 198 bytes on wire (1584 bits), 198 bytes captured (1584 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 45317
Domain Name System (response)
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     27 0.639771330
                       10.0.2.15
                                              45.248.174.42
                                                                    TCP
                                                                             74
                                                                                    47720 \rightarrow 80 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1345526473 TSecr=0 WS=128
Frame 27: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 0, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
        Time
     28 0.663698957
                       34.160.144.191
                                              10.0.2.15
                                                                    TLSv1.2 2934 Server Hello,
Certificate
Frame 28: 2934 bytes on wire (23472 bits), 2934 bytes captured (23472 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 1, Ack: 217, Len: 2880
Transport Layer Security
                                                                    Protocol Length Info
                                              Destination
        Time
                       Source
     29 0.663767542
                       10.0.2.15
                                              34.160.144.191
                                                                    TCP
                                                                             54
                                                                                    54068 \rightarrow 443 [ACK]
Seq=217 Ack=2881 Win=65535 Len=0
Frame 29: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 217, Ack: 2881, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     30 0.665013371
                       34.160.144.191
                                              10.0.2.15
                                                                    TLSv1.2 231
                                                                                     Server Key Exchange,
Server Hello Done
```

Frame 30: 231 bytes on wire (1848 bits), 231 bytes captured (1848 bits) on interface eth0, id 0

38 0.706729346

34.160.144.191

Change Cipher Spec, Encrypted Handshake Message, Application Data

```
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 2881, Ack: 217, Len: 177
[2 Reassembled TCP Segments (305 bytes): #28(137), #30(168)]
Transport Layer Security
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     31 0.665028899
                       10.0.2.15
                                              34.160.144.191
                                                                    TCP
                                                                             54
                                                                                     54068 → 443 [ACK]
Seq=217 Ack=3058 Win=65535 Len=0
Frame 31: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 217, Ack: 3058, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     32 0.667243249
                       45.248.174.42
                                              10.0.2.15
                                                                             60
                                                                                     80 \rightarrow 47720 [SYN, ACK]
Seg=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 32: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 0, Ack: 1, Len: 0
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
     33 0.667262750
                       10.0.2.15
                                              45.248.174.42
                                                                             54
                                                                                    47720 \rightarrow 80 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 33: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
     34 0.672062274
                                              34.160.144.191
                                                                    TLSv1.2 147
                       10.0.2.15
                                                                                    Client Key Exchange,
Change Cipher Spec, Encrypted Handshake Message
Frame 34: 147 bytes on wire (1176 bits), 147 bytes captured (1176 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 217, Ack: 3058, Len: 93
Transport Layer Security
       Time
                                              Destination
                                                                    Protocol Length Info
No.
                       Source
     35 0.672566863
                       34.160.144.191
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 54068 [ACK]
Seg=3058 Ack=310 Win=65535 Len=0
Frame 35: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3058, Ack: 310, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     36 0.673566532
                       10.0.2.15
                                              45.248.174.42
                                                                    0CSP
                                                                             485
                                                                                     Request
Frame 36: 485 bytes on wire (3880 bits), 485 bytes captured (3880 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 1, Ack: 1, Len: 431
Hypertext Transfer Protocol
   POST / HTTP/1.1\r\n
   Host: r11.o.lencr.org\r\n
   User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0\r\n
   Accept: */*\r\n
   Accept-Language: en-US, en; q=0.5\r\n
   Accept-Encoding: gzip, deflate\r\n
   Content-Type: application/ocsp-request\r\n
   Content-Length: 85\r\n
    Connection: keep-alive\r\n
   Priority: u=2\r\n
   Pragma: no-cache\r\n
   Cache-Control: no-cache\r\n
    [Response in frame: 39]
    [Full request URI: http://r11.o.lencr.org/]
    File Data: 85 bytes
Online Certificate Status Protocol
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                       45.248.174.42
     37 0.673921166
                                             10.0.2.15
                                                                    TCP
                                                                                    80 \rightarrow 47720 [ACK] Seq=1
                                                                             60
Ack=432 Win=65535 Len=0
Frame 37: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 1, Ack: 432, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
```

10.0.2.15

TLSv1.2 434

New Session Ticket,

No.

Time

Source

```
Frame 38: 434 bytes on wire (3472 bits), 434 bytes captured (3472 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3058, Ack: 310, Len: 380
Transport Layer Security
        Time
                                             Destination
                                                                    Protocol Length Info
No.
                       Source
     39 0.706730133
                       45.248.174.42
                                             10.0.2.15
                                                                    0CSP
                                                                             943
Frame 39: 943 bytes on wire (7544 bits), 943 bytes captured (7544 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 1, Ack: 432, Len: 889
Hypertext Transfer Protocol
   HTTP/1.1 200 OK\r\n
   Server: nginx\r\n
   Content-Type: application/ocsp-response\r\n
   Content-Length: 504\r\n
   ETag: "841F784727B3EBDE80E22B086263B944FA8B5968B81BBEA78FED6211A6119FB4"\r\n
   Last-Modified: Wed, 21 May 2025 19:20:00 UTC\r\n
    Cache-Control: public, no-transform, must-revalidate, max-age=6877\r\n
   Expires: Thu, 22 May 2025 16:41:03 GMT\r\n
   Date: Thu, 22 May 2025 14:46:26 GMT\r\n
   Connection: keep-alive\r\n
    r\n
    [Request in frame: 36]
    [Time since request: 0.033163601 seconds]
    [Request URI: /]
    [Full request URI: http://r11.o.lencr.org/]
    File Data: 504 bytes
Online Certificate Status Protocol
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     40 0.706815276
                       10.0.2.15
                                             45.248.174.42
                                                                    TCP
                                                                             54
                                                                                    47720 → 80 [ACK]
Seq=432 Ack=890 Win=63351 Len=0
Frame 40: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 432, Ack: 890, Len: 0
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
     41 0.709574958
                       10.0.2.15
                                             45.248.174.42
                                                                             485
Frame 41: 485 bytes on wire (3880 bits), 485 bytes captured (3880 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 432, Ack: 890, Len: 431
Hypertext Transfer Protocol
   POST / HTTP/1.1\r\n
   Host: r11.o.lencr.org\r\n
   User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0\r\n
   Accept: */*\r\n
   Accept-Language: en-US, en; q=0.5\r\n
   Accept-Encoding: gzip, deflate\r\n
   Content-Type: application/ocsp-request\r\n
   Content-Length: 85\r\n
   Connection: keep-alive\r\n
   Priority: u=2\r\n
   Pragma: no-cache\r\n
   Cache-Control: no-cache\r\n
    [Response in frame: 49]
    [Full request URI: http://r11.o.lencr.org/]
    File Data: 85 bytes
Online Certificate Status Protocol
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     42 0.710020914
                                             10.0.2.15
                                                                                    80 \rightarrow 47720 [ACK]
                       45.248.174.42
Seq=890 Ack=863 Win=65535 Len=0
Frame 42: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 890, Ack: 863, Len: 0
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
     43 0.718478449
                       10.0.2.15
                                             34.36.137.203
                                                                    TLSv1.3 118
                                                                                    Change Cipher Spec,
Application Data
Frame 43: 118 bytes on wire (944 bits), 118 bytes captured (944 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 677, Ack: 3122, Len: 64
Transport Layer Security
```

Destination

Protocol Length Info

52 0.754378763

Seq=1031 Ack=3740 Win=65535 Len=0

10.0.2.15

```
44 0.718884900
                       34.36.137.203
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 \rightarrow 36504 [ACK]
Seq=3122 Ack=741 Win=65535 Len=0
Frame 44: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3122, Ack: 741, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
     45 0.719064302
                       10.0.2.15
                                             34.36.137.203
                                                                    TLSv1.3 146
                                                                                    Application Data
Frame 45: 146 bytes on wire (1168 bits), 146 bytes captured (1168 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 741, Ack: 3122, Len: 92
Transport Layer Security
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             34.36.137.203
     46 0.719281024
                       10.0.2.15
                                                                    TLSv1.3 252
                                                                                    Application Data
Frame 46: 252 bytes on wire (2016 bits), 252 bytes captured (2016 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 833, Ack: 3122, Len: 198
Transport Layer Security
       Time
                                             Destination
                                                                    Protocol Length Info
No.
                       Source
     47 0.719422939
                       34.36.137.203
                                             10.0.2.15
                                                                    TCP
                                                                                    443 → 36504 [ACK]
                                                                             60
Seq=3122 Ack=833 Win=65535 Len=0
Frame 47: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3122, Ack: 833, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
     48 0.719767317
                       34.36.137.203
                                             10.0.2.15
                                                                    TCP
                                                                                    443 \rightarrow 36504 [ACK]
                                                                             60
Seg=3122 Ack=1031 Win=65535 Len=0
Frame 48: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3122, Ack: 1031, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     49 0.744504917
                       45.248.174.42
                                             10.0.2.15
                                                                    0CSP
                                                                             943
                                                                                   Response
Frame 49: 943 bytes on wire (7544 bits), 943 bytes captured (7544 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 890, Ack: 863, Len: 889
Hypertext Transfer Protocol
   HTTP/1.1 200 OK\r\n
    Server: nginx\r\n
   Content-Type: application/ocsp-response\r\n
   Content-Length: 504\r\n
   ETag: "85A6B5F35AFF01B3FE5C382F3E75CCC478677972121629399E8CCB19C79165CE"\r\n
   Last-Modified: Tue, 20 May 2025 01:52:00 UTC\r\n
   Cache-Control: public, no-transform, must-revalidate, max-age=6878\r\n
   Expires: Thu, 22 May 2025 16:41:04 GMT\r\n
   Date: Thu, 22 May 2025 14:46:26 GMT\r\n
   Connection: keep-alive\r\n
    \r\n
    [Request in frame: 41]
    [Time since request: 0.034929959 seconds]
    [Request URI: /]
    [Full request URI: http://r11.o.lencr.org/]
    File Data: 504 bytes
Online Certificate Status Protocol
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
                                             34.160.144.191
                                                                    TCP
     50 0.754123163
                       10.0.2.15
                                                                             54
                                                                                    54068 → 443 [ACK]
Seg=310 Ack=3438 Win=65535 Len=0
Frame 50: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 310, Ack: 3438, Len: 0
                                             Destination
        Time
                       Source
                                                                    Protocol Length Info
                       34.36.137.203
     51 0.754318692
                                             10.0.2.15
                                                                    TLSv1.3 672
                                                                                    Application Data,
Application Data
Frame 51: 672 bytes on wire (5376 bits), 672 bytes captured (5376 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3122, Ack: 1031, Len: 618
Transport Layer Security
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
```

34.36.137.203

TCP

54

 $36504 \rightarrow 443 [ACK]$

No.

Time

Source

```
Frame 52: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1031, Ack: 3740, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     53 0.754880353
                                             34.36.137.203
                                                                   TLSv1.3 85
                       10.0.2.15
                                                                                   Application Data
Frame 53: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1031, Ack: 3740, Len: 31
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     54 0.755129319
                       34.36.137.203
                                             10.0.2.15
                                                                                   443 → 36504 [ACK]
                                                                            60
Seg=3740 Ack=1062 Win=65535 Len=0
Frame 54: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3740, Ack: 1062, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     55 0.757754592
                       34.36.137.203
                                             10.0.2.15
                                                                   TLSv1.3 85
                                                                                   Application Data
Frame 55: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3740, Ack: 1062, Len: 31
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     56 0.773037554
                       10.0.2.15
                                             34.160.144.191
                                                                   TLSv1.2 153
                                                                                   Application Data
Frame 56: 153 bytes on wire (1224 bits), 153 bytes captured (1224 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 310, Ack: 3438, Len: 99
Transport Layer Security
        Time
                                             Destination
                                                                   Protocol Length Info
                       Source
     57 0.773198500
                       10.0.2.15
                                             34.160.144.191
                                                                   TLSv1.2 306
                                                                                   Application Data
Frame 57: 306 bytes on wire (2448 bits), 306 bytes captured (2448 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 409, Ack: 3438, Len: 252
Transport Layer Security
        Time
No.
                       Source
                                             Destination
                                                                   Protocol Length Info
     58 0.777322035
                       34.160.144.191
                                             10.0.2.15
                                                                   TCP
                                                                             60
                                                                                   443 → 54068 [ACK]
Seg=3438 Ack=409 Win=65535 Len=0
Frame 58: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3438, Ack: 409, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                       34.160.144.191
                                             10.0.2.15
                                                                   TCP
     59 0.777322366
                                                                             60
                                                                                   443 → 54068 [ACK]
Seg=3438 Ack=661 Win=65535 Len=0
Frame 59: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3438, Ack: 661, Len: 0
        Time
                                             Destination
                                                                   Protocol Length Info
                       Source
     60 0.777354025
                       10.0.2.15
                                             34.160.144.191
                                                                   TLSv1.2 92
                                                                                   Application Data
Frame 60: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 661, Ack: 3438, Len: 38
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
No.
     61 0.777972769
                       34.160.144.191
                                             10.0.2.15
Seq=3438 Ack=699 Win=65535 Len=0
Frame 61: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3438, Ack: 699, Len: 0
                                             Destination
                                                                   Protocol Length Info
No.
        Time
                       Source
     62 0.789803870
                       10.0.2.15
                                             45.248.174.42
                                                                             54
                                                                                    47720 → 80 [ACK]
Seq=863 Ack=1779 Win=62462 Len=0
Frame 62: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 863, Ack: 1779, Len: 0
```

Destination

Protocol Length Info

```
63 0.801458062
                       10.0.2.15
                                             34.36.137.203
                                                                    TCP
                                                                             54
                                                                                    36504 \rightarrow 443 [ACK]
Seg=1062 Ack=3771 Win=65535 Len=0
Frame 63: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1062, Ack: 3771, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
     64 0.825774694
                       34.160.144.191
                                             10.0.2.15
                                                                    TLSv1.2 92
                                                                                    Application Data
Frame 64: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3438, Ack: 699, Len: 38
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     65 0.825775120
                       34.160.144.191
                                             10.0.2.15
                                                                    TLSv1.2 3212
                                                                                   Application Data,
Application Data, Application Data
Frame 65: 3212 bytes on wire (25696 bits), 3212 bytes captured (25696 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 3476, Ack: 699, Len: 3158
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     66 0.825775311
                       34.160.144.191
                                             10.0.2.15
                                                                    TLSv1.2 2704
                                                                                   Application Data,
Application Data, Application Data
Frame 66: 2704 bytes on wire (21632 bits), 2704 bytes captured (21632 bits) on interface eth0, id 0 \,
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 6634, Ack: 699, Len: 2650
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     67 0.827519221
                       10.0.2.15
                                             34.160.144.191
                                                                    TCP
                                                                                    54068 → 443 [ACK]
Seq=699 Ack=3476 Win=65535 Len=0
Frame 67: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 699, Ack: 3476, Len: 0
                                                                    Protocol Length Info
        Time
                       Source
                                             Destination
     68 0.827875951
                       10.0.2.15
                                             34.160.144.191
                                                                             54
Seg=699 Ack=9284 Win=65535 Len=0
Frame 68: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 699, Ack: 9284, Len: 0
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
     69 0.835695812
                       10.0.2.15
                                             34.160.144.191
                                                                    TLSv1.2 100
                                                                                    Application Data
Frame 69: 100 bytes on wire (800 bits), 100 bytes captured (800 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.160.144.191
Transmission Control Protocol, Src Port: 54068, Dst Port: 443, Seq: 699, Ack: 9284, Len: 46
Transport Layer Security
       Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     70 0.837075565
                       34.160.144.191
                                             10.0.2.15
                                                                    TCP
                                                                                    443 → 54068 [ACK]
                                                                             60
Seg=9284 Ack=745 Win=65535 Len=0
Frame 70: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.160.144.191, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 54068, Seq: 9284, Ack: 745, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
     71 0.992463781
                       34.36.137.203
                                             10.0.2.15
                                                                    TLSv1.3 198
                                                                                    Application Data
Frame 71: 198 bytes on wire (1584 bits), 198 bytes captured (1584 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3771, Ack: 1062, Len: 144
Transport Layer Security
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     72 0.992526822
                       10.0.2.15
                                             34.36.137.203
                                                                                    36504 \rightarrow 443 [ACK]
Seq=1062 Ack=3915 Win=65535 Len=0
Frame 72: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1062, Ack: 3915, Len: 0
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     73 0.993387016
                       10.0.2.15
                                             34.36.137.203
                                                                    TLSv1.3 93
                                                                                    Application Data
Frame 73: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface eth0, id 0
```

Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)

Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.36.137.203

```
Transmission Control Protocol, Src Port: 36504, Dst Port: 443, Seq: 1062, Ack: 3915, Len: 39
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     74 0.994355791
                       34.36.137.203
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 36504 [ACK]
Seq=3915 Ack=1101 Win=65535 Len=0
Frame 74: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.36.137.203, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 36504, Seq: 3915, Ack: 1101, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
No.
        Time
     75 1.403015722
                       10.0.2.15
                                              10.0.2.3
                                                                    DNS
                                                                             85
                                                                                    Standard query 0x2d62 A
push.services.mozilla.com
Frame 75: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 57255, Dst Port: 53
Domain Name System (query)
No.
        Time
                                              Destination
                                                                    Protocol Length Info
                       Source
     76 1.403164914
                       10.0.2.15
                                              10.0.2.3
                                                                             85
                                                                                    Standard query 0x3364
AAAA push.services.mozilla.com
Frame 76: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 57255, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     77 1.469004648
                       10.0.2.3
                                              10.0.2.15
                                                                    DNS
                                                                             101
                                                                                    Standard query response
0x2d62 A push.services.mozilla.com A 34.107.243.93
Frame 77: 101 bytes on wire (808 bits), 101 bytes captured (808 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 57255
Domain Name System (response)
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     78 1.470411438
                       10.0.2.3
                                              10.0.2.15
                                                                    DNS
                                                                             166
                                                                                    Standard query response
0x3364 AAAA push.services.mozilla.com SOA ns-679.awsdns-20.net
Frame 78: 166 bytes on wire (1328 bits), 166 bytes captured (1328 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 57255
Domain Name System (response)
        Time
                                              Destination
                                                                    Protocol Length Info
No.
                       Source
                       10.0.2.15
     79 1.508918690
                                              34.107.243.93
                                                                    TCP
                                                                             74
                                                                                    33076 \rightarrow 443 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3718200564 TSecr=0 WS=128
Frame 79: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 0, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     80 1.547912208
                       34.107.243.93
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 33076 [SYN, ACK]
Seq=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 80: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 0, Ack: 1, Len: 0
                                              Destination
                                                                    Protocol Length Info
        Time
                       Source
     81 1.547987835
                                              34.107.243.93
                                                                    TCP
                       10.0.2.15
                                                                             54
                                                                                    33076 \rightarrow 443 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 81: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     82 1.548633184
                       10.0.2.15
                                              34.107.243.93
                                                                    TLSv1.3 727
                                                                                    Client Hello
(SNI=push.services.mozilla.com)
Frame 82: 727 bytes on wire (5816 bits), 727 bytes captured (5816 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 1, Ack: 1, Len: 673
Transport Layer Security
                                              Destination
                                                                    Protocol Length Info
        Time
                       Source
                       34.107.243.93
                                              10.0.2.15
                                                                    TCP
     83 1.549224000
                                                                             60
                                                                                    443 \rightarrow 33076 [ACK] Seq=1
Ack=674 Win=65535 Len=0
Frame 83: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
```

Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15

```
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 1, Ack: 674, Len: 0
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     84 1.572280807
                       10.0.2.15
                                             10.0.2.3
                                                                                    Standard query 0x2851 A
firefox.settings.services.mozilla.com
Frame 84: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 53971, Dst Port: 53
Domain Name System (query)
        Time
                                             Destination
No.
                       Source
                                                                    Protocol Length Info
     85 1.572728752
                                             10.0.2.3
                       10.0.2.15
                                                                    DNS
                                                                             97
                                                                                    Standard query 0xf255
AAAA firefox.settings.services.mozilla.com
Frame 85: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 53971, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     86 1.594420963
                       34.107.243.93
                                             10.0.2.15
                                                                    TLSv1.3 1466
                                                                                   Server Hello, Change
Cipher Spec
Frame 86: 1466 bytes on wire (11728 bits), 1466 bytes captured (11728 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 1, Ack: 674, Len: 1412
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     87 1.594627384
                       10.0.2.15
                                             34.107.243.93
                                                                    TCP
                                                                                    33076 \rightarrow 443 [ACK]
                                                                             54
Seq=674 Ack=1413 Win=65535 Len=0
Frame 87: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 674, Ack: 1413, Len: 0
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     88 1.595323951
                       34.107.243.93
                                             10.0.2.15
                                                                    TLSv1.3 1758 Application Data
Frame 88: 1758 bytes on wire (14064 bits), 1758 bytes captured (14064 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 1413, Ack: 674, Len: 1704
[2 Reassembled TCP Segments (2983 bytes): #86(1279), #88(1704)]
Transport Layer Security
                                                                   Protocol Length Info
        Time
                                             Destination
                       Source
     89 1.595334254
                                             34.107.243.93
                                                                    TCP
                       10.0.2.15
                                                                             54
                                                                                    33076 \rightarrow 443 [ACK]
Seq=674 Ack=3117 Win=64660 Len=0
Frame 89: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 674, Ack: 3117, Len: 0
                                             Destination
                                                                   Protocol Length Info
        Time
                       Source
     90 1.626524186
                       10.0.2.3
                                             10.0.2.15
                                                                   DNS
                                                                             175
                                                                                   Standard query response
0x2851 A firefox.settings.services.mozilla.com CNAME prod.remote-settings.prod.webservices.mozgcp.net A
34.149.100.209
Frame 90: 175 bytes on wire (1400 bits), 175 bytes captured (1400 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 53971
Domain Name System (response)
                                             Destination
        Time
                       Source
                                                                    Protocol Length Info
     91 1.627980957
                       10.0.2.3
                                             10.0.2.15
                                                                    DNS
                                                                             187
                                                                                    Standard query response
0xf255 AAAA firefox.settings.services.mozilla.com CNAME prod.remote-settings.prod.webservices.mozgcp.net
AAAA 2600:1901:0:c47c::
Frame 91: 187 bytes on wire (1496 bits), 187 bytes captured (1496 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 53971
Domain Name System (response)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     92 1.668933517
                       10.0.2.15
                                             34.149.100.209
                                                                    TCP
                                                                             74
                                                                                    60536 \rightarrow 443 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=1689651640 TSecr=0 WS=128
Frame 92: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 0, Len: 0
                                             Destination
        Time
                       Source
                                                                    Protocol Length Info
     93 1.714069109
                       34.149.100.209
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 60536 [SYN, ACK]
Seq=0 Ack=1 Win=65535 Len=0 MSS=1460
```

Frame 93: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0

45.248.174.42

```
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 0, Ack: 1, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
        Time
     94 1.714156391
                       10.0.2.15
                                              34.149.100.209
                                                                    TCP
                                                                             54
                                                                                    60536 \rightarrow 443 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 94: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
                                              Destination
                       Source
                                                                    Protocol Length Info
                                                                    TLSv1.3 739
     95 1.720973065
                       10.0.2.15
                                              34.149.100.209
                                                                                    Client Hello
(SNI=firefox.settings.services.mozilla.com)
Frame 95: 739 bytes on wire (5912 bits), 739 bytes captured (5912 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1, Ack: 1, Len: 685
Transport Layer Security
        Time
                                              Destination
                                                                    Protocol Length Info
     96 1.721531133
                       34.149.100.209
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 \rightarrow 60536 [ACK] Seq=1
Ack=686 Win=65535 Len=0
Frame 96: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 1, Ack: 686, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                                                                                   Server Hello, Change
     97 1.763277491
                       34.149.100.209
                                              10.0.2.15
                                                                    TLSv1.3 2934
Cipher Spec
Frame 97: 2934 bytes on wire (23472 bits), 2934 bytes captured (23472 bits) on interface eth0, id \theta
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 1, Ack: 686, Len: 2880
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
     98 1.763420722
                       10.0.2.15
                                              34.149.100.209
                                                                    TCP
                                                                             54
                                                                                    60536 → 443 [ACK]
Seq=686 Ack=2881 Win=65535 Len=0
Frame 98: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 686, Ack: 2881, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
        Time
     99 1.768732912
                       34.149.100.209
                                              10.0.2.15
                                                                    TLSv1.3 383
                                                                                    Application Data
Frame 99: 383 bytes on wire (3064 bits), 383 bytes captured (3064 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 2881, Ack: 686, Len: 329
[2 Reassembled TCP Segments (3076 bytes): #97(2747), #99(329)]
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                                                                                    60536 \rightarrow 443 \text{ [ACK]}
    100 1.768761916
                       10.0.2.15
                                              34.149.100.209
                                                                    TCP
                                                                             54
Seq=686 Ack=3210 Win=65535 Len=0
Frame 100: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 686, Ack: 3210, Len: 0
                                             Destination
        Time
                       Source
                                                                    Protocol Length Info
    101 1.789670097
                       10.0.2.15
                                              10.0.2.3
                                                                    DNS
                                                                             75
                                                                                    Standard query 0x99a1 A
r10.o.lencr.org
Frame 101: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 60573, Dst Port: 53
Domain Name System (query)
        Time
                                                                    Protocol Length Info
                       Source
                                              Destination
    102 1.790295410
                       10.0.2.15
                                              10.0.2.3
                                                                             75
                                                                                    Standard query 0x4ba4
AAAA r10.o.lencr.org
Frame 102: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 60573, Dst Port: 53
Domain Name System (query)
        Time
                                              Destination
                       Source
                                                                    Protocol Length Info
    103 1.848383829
                       10.0.2.3
                                              10.0.2.15
                                                                    DNS
                                                                             174
                                                                                    Standard query response
0x99a1 A r10.o.lencr.org CNAME o.lencr.edgesuite.net CNAME a1887.dscq.akamai.net A 45.248.174.40 A
```

Frame 103: 174 bytes on wire (1392 bits), 174 bytes captured (1392 bits) on interface eth0, id 0

```
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 60573
Domain Name System (response)
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
                                              10.0.2.15
    104 1.855236912
                       10.0.2.3
                                                                     DNS
                                                                              198
                                                                                     Standard query response
0x4ba4 AAAA r10.o.lencr.org CNAME o.lencr.edgesuite.net CNAME a1887.dscq.akamai.net AAAA 2600:140f:
2e00::685a:609 AAAA 2600:140f:2e00::685a:623
Frame 104: 198 bytes on wire (1584 bits), 198 bytes captured (1584 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 60573
Domain Name System (response)
No.
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    105 1.878030684
                                              45.248.174.40
                       10.0.2.15
                                                                              74
                                                                                     58150 \rightarrow 80 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3116967695 TSecr=0 WS=128
Frame 105: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 0, Len: 0
        Time
                       Source
                                                                     Protocol Length Info
No.
                                              Destination
    106 1.881798363
                       10.0.2.15
                                              45.248.174.40
                                                                     TCP
                                                                              74
                                                                                     58166 \rightarrow 80 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3116967699 TSecr=0 WS=128
Frame 106: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 0, Len: 0
                       Source
                                              Destination
                                                                     Protocol Length Info
    107 1.919916835
                       45.248.174.40
                                              10.0.2.15
                                                                     TCP
                                                                                     80 \rightarrow 58150 [SYN, ACK]
                                                                              60
Seg=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 107: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58150, Seq: 0, Ack: 1, Len: 0
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
                                              45.248.174.40
    108 1.920069945
                       10.0.2.15
                                                                     TCP
                                                                              54
                                                                                     58150 \rightarrow 80 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 108: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
No.
        Time
                                              Destination
                                                                     Protocol Length Info
    109 1.923134296
                       10.0.2.15
                                              45.248.174.40
                                                                     0CSP
                                                                              485
Frame 109: 485 bytes on wire (3880 bits), 485 bytes captured (3880 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 1, Ack: 1, Len: 431
Hypertext Transfer Protocol
    POST / HTTP/1.1\r
    Host: r10.o.lencr.org\r\n
    User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0\r\n
    Accept: */*\r\n
    Accept-Language: en-US, en; q=0.5\r\n
    Accept-Encoding: gzip, deflate\r\n
    Content-Type: application/ocsp-request\r\n
    Content-Length: 85\r\n
    Connection: keep-alive\r\n
    Priority: u=2\r\n
    Pragma: no-cache\r\n
    Cache-Control: no-cache\r\n
    [Response in frame: 115]
    [Full request URI: http://r10.o.lencr.org/]
    File Data: 85 bytes
Online Certificate Status Protocol
                                              Destination
                                                                     Protocol Length Info
        Time
                       Source
    110 1.923614608
                       45.248.174.40
                                              10.0.2.15
                                                                     TCP
                                                                              60
                                                                                     80 \rightarrow 58150 [ACK] Seq=1
Ack=432 Win=65535 Len=0
Frame 110: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58150, Seq: 1, Ack: 432, Len: 0
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    111 1.927640258
                       45.248.174.40
                                              10.0.2.15
                                                                     TCP
                                                                              60
                                                                                     80 \rightarrow 58166 [SYN, ACK]
Seq=0 Ack=1 Win=65535 Len=0 MSS=1460
```

Frame 111: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0

Content-Length: 504\r\n

```
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58166, Seq: 0, Ack: 1, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
        Time
    112 1.927665222
                       10.0.2.15
                                              45.248.174.40
                                                                    TCP
                                                                             54
                                                                                    58166 \rightarrow 80 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 112: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
    113 1.928151008
                       10.0.2.15
                                              45.248.174.40
                                                                    0CSP
                                                                             485
                                                                                    Request
Frame 113: 485 bytes on wire (3880 bits), 485 bytes captured (3880 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 1, Ack: 1, Len: 431
Hypertext Transfer Protocol
   POST / HTTP/1.1\r
   Host: r10.o.lencr.org\r\n
   User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0\r\n
   Accept: */*\r\n
   Accept-Language: en-US, en; q=0.5\r\n
   Accept-Encoding: gzip, deflate\r\n
   Content-Type: application/ocsp-request\r\n
   Content-Length: 85\r\n
   Connection: keep-alive\r\n
   Priority: u=2\r\n
   Pragma: no-cache\r\n
   Cache-Control: no-cache\r\n
    [Response in frame: 116]
    [Full request URI: http://r10.o.lencr.org/]
    File Data: 85 bytes
Online Certificate Status Protocol
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                       45.248.174.40
    114 1.928445662
                                             10.0.2.15
                                                                                    80 \rightarrow 58166 [ACK] Seq=1
                                                                    TCP
                                                                             60
Ack=432 Win=65535 Len=0
Frame 114: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58166, Seq: 1, Ack: 432, Len: 0
No.
        Time
                                              Destination
                                                                    Protocol Length Info
    115 1.973381240
                       45.248.174.40
                                              10.0.2.15
                                                                    0CSP
                                                                             944
                                                                                    Response
Frame 115: 944 bytes on wire (7552 bits), 944 bytes captured (7552 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58150, Seq: 1, Ack: 432, Len: 890
Hypertext Transfer Protocol
   HTTP/1.1 200 OK\r\n
    Server: nginx\r\n
   Content-Type: application/ocsp-response\r\n
   Content-Length: 504\r\n
   ETag: "CE735000663988A1F8C8BC03C78F15BC99AEA4D20A9DDDDC8D83AA551838CFAE"\r\n
   Last-Modified: Tue, 20 May 2025 11:28:00 UTC\r\n
   Cache-Control: public, no-transform, must-revalidate, max-age=10626\r\n
   Expires: Thu, 22 May 2025 17:43:33 GMT\r\n \,
   Date: Thu, 22 May 2025 14:46:27 GMT\r\n
   Connection: keep-alive\r\n
    r\n
    [Request in frame: 109]
    [Time since request: 0.050246944 seconds]
    [Request URI: /]
    [Full request URI: http://r10.o.lencr.org/]
    File Data: 504 bytes
Online Certificate Status Protocol
                                              Destination
        Time
                       Source
                                                                    Protocol Length Info
    116 1.973381598
                       45.248.174.40
                                              10.0.2.15
                                                                    0CSP
                                                                             943
                                                                                    Response
Frame 116: 943 bytes on wire (7544 bits), 943 bytes captured (7544 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58166, Seq: 1, Ack: 432, Len: 889
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Server: nginx\r\n
    Content-Type: application/ocsp-response\r\n
```

```
ETag: "D5F2C974AD6AD0ACD6557DB1BB1F1B128CAF87316F0FE217316FB24C3814F7D6"\r\n
    Last-Modified: Wed, 21 May 2025 19:19:00 UTC\r\n
    Cache-Control: public, no-transform, must-revalidate, max-age=6875\r\n
    Expires: Thu, 22 May 2025 16:41:02 GMT\r\n
   Date: Thu, 22 May 2025 14:46:27 GMT\r\n
   Connection: keep-alive\r\n
    [Request in frame: 113]
    [Time since request: 0.045230590 seconds]
    [Request URI: /]
    [Full request URI: http://r10.o.lencr.org/]
    File Data: 504 bytes
Online Certificate Status Protocol
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
    117 1.973450693
                                             45.248.174.40
                       10.0.2.15
                                                                             54
                                                                                    58150 \rightarrow 80 [ACK]
Seg=432 Ack=891 Win=63350 Len=0
Frame 117: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 432, Ack: 891, Len: 0
                                                                   Protocol Length Info
       Time
                                             Destination
No.
                       Source
    118 1.973528591
                       10.0.2.15
                                             45.248.174.40
                                                                             54
                                                                                    58166 → 80 [ACK]
Seq=432 Ack=890 Win=63351 Len=0
Frame 118: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 432, Ack: 890, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             34.149.100.209
    119 2.349936316
                       10.0.2.15
                                                                    TLSv1.3 118
                                                                                    Change Cipher Spec,
Application Data
Frame 119: 118 bytes on wire (944 bits), 118 bytes captured (944 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 686, Ack: 3210, Len: 64
Transport Layer Security
       Time
                                             Destination
                                                                    Protocol Length Info
No.
                       Source
    120 2.350534436
                       34.149.100.209
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 60536 [ACK]
Seg=3210 Ack=750 Win=65535 Len=0
Frame 120: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 3210, Ack: 750, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
                                                                    TLSv1.3 146
    121 2.350643133
                       10.0.2.15
                                             34.149.100.209
                                                                                    Application Data
Frame 121: 146 bytes on wire (1168 bits), 146 bytes captured (1168 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 750, Ack: 3210, Len: 92
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    122 2.350808757
                       10.0.2.15
                                             34.149.100.209
                                                                    TLSv1.3 320
                                                                                   Application Data
Frame 122: 320 bytes on wire (2560 bits), 320 bytes captured (2560 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 842, Ack: 3210, Len: 266
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    123 2.351427843
                       34.149.100.209
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 60536 [ACK]
Seq=3210 Ack=842 Win=65535 Len=0
Frame 123: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 3210, Ack: 842, Len: 0
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
    124 2.351427989
                       34.149.100.209
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 60536 [ACK]
Seq=3210 Ack=1108 Win=65535 Len=0
Frame 124: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 3210, Ack: 1108, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    125 2.353141760
                       10.0.2.15
                                             34.107.243.93
                                                                    TLSv1.3 118
                                                                                    Change Cipher Spec,
Application Data
Frame 125: 118 bytes on wire (944 bits), 118 bytes captured (944 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
```

Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93

No.

Time

Source

```
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 674, Ack: 3117, Len: 64
Transport Layer Security
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
    126 2.353949763
                       34.107.243.93
                                             10.0.2.15
                                                                             60
                                                                                    443 → 33076 [ACK]
Seq=3117 Ack=738 Win=65535 Len=0
Frame 126: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 3117, Ack: 738, Len: 0
                                                                   Protocol Length Info
No.
        Time
                       Source
                                             Destination
    127 2.354036784
                       10.0.2.15
                                             34.107.243.93
                                                                    TLSv1.3 146
                                                                                    Application Data
Frame 127: 146 bytes on wire (1168 bits), 146 bytes captured (1168 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 738, Ack: 3117, Len: 92
Transport Layer Security
       Time
                                             Destination
                                                                    Protocol Length Info
                       Source
    128 2.354452648
                       34.107.243.93
                                             10.0.2.15
                                                                                    443 → 33076 [ACK]
                                                                    TCP
                                                                             60
Seq=3117 Ack=830 Win=65535 Len=0
Frame 128: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 3117, Ack: 830, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    129 2.375895109
                       34.149.100.209
                                             10.0.2.15
                                                                    TLSv1.3 1441
                                                                                   Application Data,
Application Data, Application Data, Application Data, Application Data
Frame 129: 1441 bytes on wire (11528 bits), 1441 bytes captured (11528 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 3210, Ack: 1108, Len: 1387
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             10.0.2.15
    130 2.375895454
                       34.149.100.209
                                                                    TLSv1.3 93
                                                                                    Application Data
Frame 130: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 4597, Ack: 1108, Len: 39
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    131 2.375895477
                       34.107.243.93
                                             10.0.2.15
                                                                   TLSv1.3 672
                                                                                   Application Data,
Application Data
Frame 131: 672 bytes on wire (5376 bits), 672 bytes captured (5376 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 3117, Ack: 830, Len: 618
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             34.149.100.209
    132 2.375972488
                       10.0.2.15
                                                                    TCP
                                                                             54
                                                                                    60536 \rightarrow 443 [ACK]
Seg=1108 Ack=4597 Win=65535 Len=0
Frame 132: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1108, Ack: 4597, Len: 0
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
                                                                    TCP
    133 2.376054181
                       10.0.2.15
                                             34.149.100.209
                                                                             54
                                                                                    60536 \rightarrow 443 [ACK]
Seq=1108 Ack=4636 Win=65535 Len=0
Frame 133: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1108, Ack: 4636, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
No.
    134 2.376124317
                       10.0.2.15
                                             34.107.243.93
                                                                             54
Seq=830 Ack=3735 Win=64042 Len=0
Frame 134: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 830, Ack: 3735, Len: 0
                                             Destination
                                                                   Protocol Length Info
        Time
                       Source
    135 2.376515610
                       10.0.2.15
                                             34.149.100.209
                                                                    TLSv1.3 85
                                                                                    Application Data
Frame 135: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1108, Ack: 4636, Len: 31
Transport Layer Security
```

Destination

Protocol Length Info

```
136 2.376876681
                       34.149.100.209
                                             10.0.2.15
                                                                    TCP
                                                                              60
                                                                                    443 \rightarrow 60536 [ACK]
Sea=4636 Ack=1139 Win=65535 Len=0
Frame 136: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 4636, Ack: 1139, Len: 0
                       Source
                                              Destination
                                                                    Protocol Length Info
    137 2.377116841
                       34.107.243.93
                                              10.0.2.15
                                                                    TLSv1.3 85
                                                                                    Application Data
Frame 137: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 3735, Ack: 830, Len: 31
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    138 2.377124013
                                              34.107.243.93
                       10.0.2.15
                                                                                     33076 \rightarrow 443 [ACK]
Seg=830 Ack=3766 Win=64011 Len=0
Frame 138: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 830, Ack: 3766, Len: 0
No.
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
    139 2.377214559
                       10.0.2.15
                                              34.107.243.93
                                                                    TLSv1.3 85
                                                                                    Application Data
Frame 139: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33076, Dst Port: 443, Seq: 830, Ack: 3766, Len: 31
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    140 2.377387227
                                              34.149.100.209
                       10.0.2.15
                                                                    TLSv1.3 93
                                                                                    Application Data
Frame 140: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.149.100.209
Transmission Control Protocol, Src Port: 60536, Dst Port: 443, Seq: 1139, Ack: 4636, Len: 39
Transport Layer Security
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                       34.107.243.93
    141 2.377710276
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 \rightarrow 33076 [ACK]
Seg=3766 Ack=861 Win=65535 Len=0
Frame 141: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33076, Seq: 3766, Ack: 861, Len: 0
                                              Destination
        Time
                       Source
                                                                    Protocol Length Info
    142 2.377710366
                       34.149.100.209
                                              10.0.2.15
                                                                    TCP
                                                                              60
                                                                                     443 → 60536 [ACK]
Seq=4636 Ack=1178 Win=65535 Len=0
Frame 142: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.149.100.209, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 60536, Seq: 4636, Ack: 1178, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                                                                                     33088 \rightarrow 443 [SYN] Seq=0
    143 2.377789630
                       10.0.2.15
                                              34.107.243.93
                                                                    TCP
                                                                              74
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3718201433 TSecr=0 WS=128
Frame 143: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 0, Len: 0
                                             Destination
                                                                    Protocol Length Info
        Time
                       Source
                                             10.0.2.15
    144 2.404890855
                       34.107.243.93
                                                                              60
                                                                                    443 → 33088 [SYN, ACK]
Seg=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 144: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 0, Ack: 1, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    145 2.405011251
                       10.0.2.15
                                              34.107.243.93
                                                                              54
                                                                                    33088 \rightarrow 443 [ACK] Seq=1
                                                                    TCP
Ack=1 Win=64240 Len=0
Frame 145: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
        Time
                                              Destination
                                                                    Protocol Length Info
    146 2.406156417
                       10.0.2.15
                                              34.107.243.93
                                                                    TLSv1.3 1300
                                                                                    Client Hello
(SNI=push.services.mozilla.com)
Frame 146: 1300 bytes on wire (10400 bits), 1300 bytes captured (10400 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
```

Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93

Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1, Ack: 1, Len: 1246

User Datagram Protocol, Src Port: 60518, Dst Port: 53

Domain Name System (query)

```
Transport Layer Security
       Time
                                                                   Protocol Length Info
                       Source
                                             Destination
    147 2.406663395
                       34.107.243.93
                                             10.0.2.15
                                                                             60
                                                                                    443 → 33088 [ACK] Seq=1
Ack=1247 Win=65535 Len=0
Frame 147: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 1, Ack: 1247, Len: 0
                                             Destination
                                                                   Protocol Length Info
        Time
                       Source
    148 2.485350589
                       34.107.243.93
                                             10.0.2.15
                                                                   TLSv1.3 272
                                                                                    Server Hello, Change
Cipher Spec, Application Data
Frame 148: 272 bytes on wire (2176 bits), 272 bytes captured (2176 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 1, Ack: 1247, Len: 218
Transport Layer Security
        Time
                                             Destination
                                                                   Protocol Length Info
                       Source
    149 2.485416446
                       10.0.2.15
                                             34.107.243.93
                                                                   TCP
                                                                             54
                                                                                    33088 \rightarrow 443 [ACK]
Seq=1247 Ack=219 Win=64022 Len=0
Frame 149: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1247, Ack: 219, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    150 2.487905266
                       10.0.2.15
                                             34.107.243.93
                                                                   TLSv1.3 118
                                                                                    Change Cipher Spec,
Application Data
Frame 150: 118 bytes on wire (944 bits), 118 bytes captured (944 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1247, Ack: 219, Len: 64
Transport Layer Security
                                                                   Protocol Length Info
        Time
                       Source
                                             Destination
    151 2.488795780
                       10.0.2.15
                                             34.107.243.93
                                                                   TLSv1.3 676
                                                                                   Application Data
Frame 151: 676 bytes on wire (5408 bits), 676 bytes captured (5408 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1311, Ack: 219, Len: 622
Transport Layer Security
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    152 2.489050965
                                             10.0.2.15
                       34.107.243.93
                                                                   TCP
                                                                             60
                                                                                   443 → 33088 [ACK]
Seg=219 Ack=1311 Win=65535 Len=0
Frame 152: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 219, Ack: 1311, Len: 0
                                                                   Protocol Length Info
        Time
                                             Destination
    153 2.489418191
                       34.107.243.93
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    443 → 33088 [ACK]
Seq=219 Ack=1933 Win=65535 Len=0
Frame 153: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 219, Ack: 1933, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    154 2.649833260
                       10.0.2.15
                                             10.0.2.3
                                                                                    Standard query 0xf944 A
example.org
Frame 154: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface eth0, id 0 \,
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 48983, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
No.
    155 2.652102010
                       10.0.2.15
                                             10.0.2.3
                                                                                    Standard query 0x167e A
Frame 155: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 35905, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    156 2.652611922
                       10.0.2.15
                                             10.0.2.3
                                                                             73
                                                                                    Standard query 0x1d74 A
ipv4only.arpa
Frame 156: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
```

```
Time
                       Source
                                              Destination
                                                                     Protocol Length Info
                                                                              73
                                                                                     Standard query 0xbe72
    157 2.652615293
                       10.0.2.15
                                              10.0.2.3
AAAA ipv4only.arpa
Frame 157: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 60518, Dst Port: 53
Domain Name System (query)
        Time
                                              Destination
                                                                     Protocol Length Info
                       Source
    158 2.653026005
                       10.0.2.15
                                              10.0.2.3
                                                                     DNS
                                                                              71
                                                                                     Standard query 0xb27c
AAAA example.org
Frame 158: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface eth0, id 0 Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 35905, Dst Port: 53
Domain Name System (query)
        Time
                                              Destination
                                                                     Protocol Length Info
                       Source
    159 2.715524212
                       10.0.2.3
                                              10.0.2.15
                                                                     DNS
                                                                              135
                                                                                     Standard query response
0xf944 A example.org A 23.215.0.133 A 96.7.128.192 A 96.7.128.186 A 23.215.0.132
Frame 159: 135 bytes on wire (1080 bits), 135 bytes captured (1080 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 48983
Domain Name System (response)
                                                                     Protocol Length Info
No.
        Time
                       Source
                                              Destination
    160 2.716129535
                       10.0.2.15
                                              10.0.2.3
                                                                              84
                                                                                     Standard query 0xca94 A
detectportal.firefox.com
Frame 160: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 52914, Dst Port: 53
Domain Name System (query)
                                                                     Protocol Length Info
No.
        Time
                                              Destination
                       Source
    161 2.719659882
                       10.0.2.3
                                              10.0.2.15
                                                                     DNS
                                                                              135
                                                                                     Standard query response
0x167e A example.org A 23.215.0.133 A 96.7.128.192 A 96.7.128.186 A 23.215.0.132
Frame 161: 135 bytes on wire (1080 bits), 135 bytes captured (1080 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 35905
Domain Name System (response)
                                                                     Protocol Length Info
        Time
                       Source
                                              Destination
    162 2.721388084
                       10.0.2.3
                                              10.0.2.15
                                                                     DNS
                                                                              105
                                                                                     Standard query response
0x1d74 A ipv4only.arpa A 192.0.0.170 A 192.0.0.171
Frame 162: 105 bytes on wire (840 bits), 105 bytes captured (840 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 60518
Domain Name System (response)
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    163 2.723355496
                       10.0.2.3
                                              10.0.2.15
                                                                     DNS
                                                                              130
                                                                                     Standard query response
0xbe72 AAAA ipv4only.arpa SOA sns.dns.icann.org
Frame 163: 130 bytes on wire (1040 bits), 130 bytes captured (1040 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 60518
Domain Name System (response)
                                              Destination
        Time
                       Source
                                                                     Protocol Length Info
    164 2.723907169
                       10.0.2.15
                                              10.0.2.3
                                                                     DNS
                                                                              84
                                                                                     Standard query 0xd3ea A
detectportal.firefox.com
Frame 164: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 55017, Dst Port: 53
Domain Name System (query)
No.
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    165 2.724208395
                                              10.0.2.3
                       10.0.2.15
                                                                              84
                                                                                     Standard query 0x4de8
AAAA detectportal.firefox.com
Frame 165: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 10.0.2.3
User Datagram Protocol, Src Port: 55017, Dst Port: 53
Domain Name System (query)
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    166 2.729295922
                       10.0.2.3
                                              10.0.2.15
                                                                     DNS
                                                                              183
                                                                                     Standard query response
```

0xb27c AAAA example.org AAAA 2600:1406:bc00:17::6007:810d AAAA 2600:1406:bc00:17::6007:8128 AAAA

2600:1408:ec00:36::1736:7f2e AAAA 2600:1408:ec00:36::1736:7f2f

No.

Time

Source

```
Frame 166: 183 bytes on wire (1464 bits), 183 bytes captured (1464 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 35905
Domain Name System (response)
                                             Destination
                                                                   Protocol Length Info
        Time
                       Source
No.
    167 2.747588596
                       34.107.243.93
                                             10.0.2.15
                                                                   TLSv1.3 886
                                                                                    Application Data,
Application Data
Frame 167: 886 bytes on wire (7088 bits), 886 bytes captured (7088 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 219, Ack: 1933, Len: 832
Transport Layer Security
                                                                   Protocol Length Info
No.
        Time
                       Source
                                             Destination
    168 2.765081523
                       10.0.2.15
                                             34.107.243.93
                                                                   TLSv1.3 193
                                                                                    Application Data
Frame 168: 193 bytes on wire (1544 bits), 193 bytes captured (1544 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 1933, Ack: 1051, Len: 139
Transport Layer Security
                                             Destination
                                                                   Protocol Length Info
        Time
No.
                       Source
    169 2.768658167
                       34.107.243.93
                                             10.0.2.15
                                                                             60
                                                                                    443 → 33088 [ACK]
Seq=1051 Ack=2072 Win=65535 Len=0
Frame 169: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 1051, Ack: 2072, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
    170 2.787103618
                       10.0.2.3
                                             10.0.2.15
                                                                    DNS
                                                                             195
                                                                                    Standard query response
0xca94 A detectportal.firefox.com CNAME detectportal.prod.mozaws.net CNAME
prod.detectportal.prod.cloudops.mozgcp.net A 34.107.221.82
Frame 170: 195 bytes on wire (1560 bits), 195 bytes captured (1560 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 52914
Domain Name System (response)
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    171 2.787839629
                       10.0.2.3
                                                                   DNS
                                                                             195
                                             10.0.2.15
                                                                                    Standard query response
0xd3ea A detectportal.firefox.com CNAME detectportal.prod.mozaws.net CNAME
prod.detectportal.prod.cloudops.mozgcp.net A 34.107.221.82
Frame 171: 195 bytes on wire (1560 bits), 195 bytes captured (1560 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 55017
Domain Name System (response)
                                             Destination
                                                                    Protocol Length Info
        Time
    172 2.788302951
                       10.0.2.15
                                             34.107.221.82
                                                                             74
                                                                                    53662 → 80 [SYN] Seq=0
Win=64240 Len=0 MSS=1460 SACK_PERM TSval=3878878382 TSecr=0 WS=128
Frame 172: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 0, Len: 0
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    173 2.789704640
                       10.0.2.3
                                             10.0.2.15
                                                                             207
                                                                                    Standard query response
                                                                    DNS
0x4de8 AAAA detectportal.firefox.com CNAME detectportal.prod.mozaws.net CNAME
prod.detectportal.prod.cloudops.mozgcp.net AAAA 2600:1901:0:38d7::
Frame 173: 207 bytes on wire (1656 bits), 207 bytes captured (1656 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 10.0.2.3, Dst: 10.0.2.15
User Datagram Protocol, Src Port: 53, Dst Port: 55017
Domain Name System (response)
                                                                    Protocol Length Info
                                             Destination
                       fd17:625c:f037:2:f119:a81d:7af9:26cb 2600:1901:0:38d7::
                                                                                                   53276 →
    174 2.791776981
                                                                                            94
80 [SYN] Seq=0 Win=64800 Len=0 MSS=1440 SACK_PERM TSval=3590912441 TSecr=0 WS=128
Frame 174: 94 bytes on wire (752 bits), 94 bytes captured (752 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:56:00:00:00:02 (52:56:00:00:00:02)
Internet Protocol Version 6, Src: fd17:625c:f037:2:f119:a81d:7af9:26cb, Dst: 2600:1901:0:38d7::
Transmission Control Protocol, Src Port: 53276, Dst Port: 80, Seq: 0, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    175 2.792432910
                       2600:1901:0:38d7::
                                             fd17:625c:f037:2:f119:a81d:7af9:26cb TCP
                                                                                                   80 →
53276 [RST, ACK] Seq=1 Ack=1 Win=65535 Len=0
Frame 175: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: 52:56:00:00:00:00 (52:56:00:00:00:00), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 6, Src: 2600:1901:0:38d7::, Dst: fd17:625c:f037:2:f119:a81d:7af9:26cb
Transmission Control Protocol, Src Port: 80, Dst Port: 53276, Seq: 1, Ack: 1, Len: 0
```

Destination

Protocol Length Info

[Request URI: /success.txt?ipv4]

[Full request URI: http://detectportal.firefox.com/success.txt?ipv4]

```
fd17:625c:f037:2:f119:a81d:7af9:26cb 2600:1901:0:38d7::
    176 2.792964044
                                                                                              94
                                                                                                     53290 →
80 [SYN] Seq=0 Win=64800 Len=0 MSS=1440 SACK_PERM TSval=3590912442 TSecr=0 WS=128
Frame 176: 94 bytes on wire (752 bits), 94 bytes captured (752 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:56:00:00:00:02 (52:56:00:00:00:02)
Internet Protocol Version 6, Src: fd17:625c:f037:2:f119:a81d:7af9:26cb, Dst: 2600:1901:0:38d7::
Transmission Control Protocol, Src Port: 53290, Dst Port: 80, Seq: 0, Len: 0
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
                                              fd17:625c:f037:2:f119:a81d:7af9:26cb TCP
    177 2.793578727
                       2600:1901:0:38d7::
                                                                                              74
                                                                                                     80 →
53290 [RST, ACK] Seq=1 Ack=1 Win=65535 Len=0
Frame 177: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eth0, id 0
Ethernet II, Src: 52:56:00:00:00:00 (52:56:00:00:00:00), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 6, Src: 2600:1901:0:38d7::, Dst: fd17:625c:f037:2:f119:a81d:7af9:26cb
Transmission Control Protocol, Src Port: 80, Dst Port: 53290, Seq: 1, Ack: 1, Len: 0
                                                                     Protocol Length Info
No.
        Time
                       Source
                                              Destination
    178 2.828275490
                       34.107.221.82
                                                                     TCP
                                                                                     80 \rightarrow 53662 [SYN, ACK]
                                              10.0.2.15
Seg=0 Ack=1 Win=65535 Len=0 MSS=1460
Frame 178: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.221.82, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 53662, Seq: 0, Ack: 1, Len: 0
                                                                     Protocol Length Info
No.
        Time
                       Source
                                              Destination
    179 2.828562828
                       10.0.2.15
                                              34.107.221.82
                                                                              54
                                                                                     53662 \rightarrow 80 [ACK] Seq=1
Ack=1 Win=64240 Len=0
Frame 179: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    180 2.829034934
                       10.0.2.15
                                              34.107.221.82
                                                                     HTTP
                                                                              364
                                                                                     GET /success.txt?ipv4
HTTP/1.1
Frame 180: 364 bytes on wire (2912 bits), 364 bytes captured (2912 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 1, Ack: 1, Len: 310
Hypertext Transfer Protocol
    GET /success.txt?ipv4 HTTP/1.1\r\n
    Host: detectportal.firefox.com\r\n
    User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:128.0) Gecko/20100101 Firefox/128.0\r\n
    Accept: */*\r\n
    Accept-Language: en-US, en; q=0.5\r\n
    Accept-Encoding: gzip, deflate\r\n
    Connection: keep-alive\r\n
    Priority: u=4\r\n
    Pragma: no-cache\r\n
    Cache-Control: no-cache\r\n
    [Response in frame: 182]
    [Full request URI: http://detectportal.firefox.com/success.txt?ipv4]
No.
        Time
                       Source
                                              Destination
                                                                     Protocol Length Info
    181 2.831683312
                       34.107.221.82
                                              10.0.2.15
                                                                     TCP
                                                                              60
                                                                                     80 \rightarrow 53662 [ACK] Seq=1
Ack=311 Win=65535 Len=0
Frame 181: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.221.82, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 53662, Seq: 1, Ack: 311, Len: 0
                                              Destination
No.
        Time
                       Source
                                                                     Protocol Length Info
    182 2.877025408
                       34.107.221.82
                                              10.0.2.15
                                                                              270
                                                                                     HTTP/1.1 200 OK (text/
plain)
Frame 182: 270 bytes on wire (2160 bits), 270 bytes captured (2160 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.221.82, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 53662, Seq: 1, Ack: 311, Len: 216
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Server: nginx\r\n
    Content-Length: 8\r\n
    Via: 1.1 google\r\n
    Date: Wed, 21 May 2025 19:53:20 GMT\r
    Age: 67988\r\n
    Content-Type: text/plain\r\n
    \label{lem:cache-control} Cache-Control: \ public, must-revalidate, max-age=0, s-maxage=3600 \verb|\| r\| n
    r\n
    [Request in frame: 180]
    [Time since request: 0.047990474 seconds]
```

```
File Data: 8 bytes
Line-based text data: text/plain (1 lines)
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    183 2.877101461
                       10.0.2.15
                                              34.107.221.82
                                                                    TCP
                                                                             54
                                                                                    53662 → 80 [ACK]
Seq=311 Ack=217 Win=64024 Len=0
Frame 183: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 311, Ack: 217, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                       34.107.243.93
    184 3.028749493
                                              10.0.2.15
                                                                    TLSv1.3 191
                                                                                    Application Data
Frame 184: 191 bytes on wire (1528 bits), 191 bytes captured (1528 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.243.93, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 443, Dst Port: 33088, Seq: 1051, Ack: 2072, Len: 137
Transport Layer Security
                                              Destination
        Time
                                                                    Protocol Length Info
                       Source
    185 3.069391930
                       10.0.2.15
                                              34.107.243.93
                                                                                    33088 \rightarrow 443 [ACK]
                                                                    TCP
                                                                             54
Seq=2072 Ack=1188 Win=63053 Len=0
Frame 185: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.243.93
Transmission Control Protocol, Src Port: 33088, Dst Port: 443, Seq: 2072, Ack: 1188, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    186 5.186219995
                       PCSSystemtec_9b:0c:3c 52:55:0a:00:02:03
                                                                    ARP
                                                                             42
                                                                                    Who has 10.0.2.3? Tell
10.0.2.15
Frame 186: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:03 (52:55:0a:00:02:03)
Address Resolution Protocol (request)
                       Source
                                              Destination
                                                                    Protocol Length Info
    187 5.186532612
                       52:55:0a:00:02:03
                                              PCSSystemtec_9b:0c:3c ARP
                                                                                    10.0.2.3 is at
                                                                             64
52:55:0a:00:02:03
Frame 187: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:03 (52:55:0a:00:02:03), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Address Resolution Protocol (reply)
                                              Destination
                                                                    Protocol Length Info
No.
        Time
                       Source
    188 7.997601580
                       fe80::a00:27ff:fe9b:c3c fe80::2
                                                                      ICMPv6
                                                                               86
                                                                                      Neighbor Solicitation
for fe80::2 from 08:00:27:9b:0c:3c
Frame 188: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:56:00:00:00:02 (52:56:00:00:00:02)
Internet Protocol Version 6, Src: fe80::a00:27ff:fe9b:c3c, Dst: fe80::2
Internet Control Message Protocol v6
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    189 7.998330879
                       fe80::2
                                              fe80::a00:27ff:fe9b:c3c ICMPv6
                                                                              86
                                                                                      Neighbor
Advertisement fe80::2 (rtr, sol, ovr) is at 52:56:00:00:02
Frame 189: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface eth0, id 0
Ethernet II, Src: 52:56:00:00:00:02 (52:56:00:00:00:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 6, Src: fe80::2, Dst: fe80::a00:27ff:fe9b:c3c
Internet Control Message Protocol v6
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    190 10.813430593
                       10.0.2.15
                                              45.248.174.42
                                                                    TCP
                                                                             54
                                                                                    [TCP Keep-Alive] 47720
\rightarrow 80 [ACK] Seq=862 Ack=1779 Win=62462 Len=0
Frame 190: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 862, Ack: 1779, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    191 10.813852985
                       45.248.174.42
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                     [TCP Keep-Alive ACK] 80
→ 47720 [ACK] Seq=1779 Ack=863 Win=65535 Len=0
Frame 191: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 1779, Ack: 863, Len: 0
        Time
                                                                    Protocol Length Info
                       Source
                                              Destination
    192 12.093343817
                       10.0.2.15
                                              45.248.174.40
                                                                    TCP
                                                                             54
                                                                                    [TCP Keep-Alive] 58166
→ 80 [ACK] Seq=431 Ack=890 Win=63351 Len=0
Frame 192: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 431, Ack: 890, Len: 0
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
                                              45.248.174.40
                                                                    TCP
    193 12.093602878
                       10.0.2.15
                                                                             54
                                                                                    [TCP Keep-Alive] 58150
→ 80 [ACK] Seq=431 Ack=891 Win=63350 Len=0
Frame 193: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
```

Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)

Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40

```
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 431, Ack: 891, Len: 0
                                                                    Protocol Length Info
        Time
                       Source
                                             Destination
                                                                                    [TCP Keep-Alive ACK] 80
    194 12.093806802
                       45.248.174.40
                                              10.0.2.15
→ 58166 [ACK] Seq=890 Ack=432 Win=65535 Len=0
Frame 194: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58166, Seq: 890, Ack: 432, Len: 0
                                                                    Protocol Length Info
        Time
                       Source
                                              Destination
                                                                                    [TCP Keep-Alive ACK] 80
    195 12.093807083
                                              10.0.2.15
                                                                             60
                       45.248.174.40
→ 58150 [ACK] Seg=891 Ack=432 Win=65535 Len=0
Frame 195: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58150, Seq: 891, Ack: 432, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                              34.107.221.82
    196 12.877713729
                       10.0.2.15
                                                                    TCP
                                                                             54
                                                                                    [TCP Keep-Alive] 53662
→ 80 [ACK] Seq=310 Ack=217 Win=64024 Len=0
Frame 196: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 310, Ack: 217, Len: 0
                                                                    Protocol Length Info
        Time
                                              Destination
    197 12.878059061
                       34.107.221.82
                                              10.0.2.15
                                                                             60
                                                                                    [TCP Keep-Alive ACK] 80
→ 53662 [ACK] Seq=217 Ack=311 Win=65535 Len=0
Frame 197: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.221.82, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 53662, Seq: 217, Ack: 311, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
    198 21.053506827
                       10.0.2.15
                                              45.248.174.42
                                                                    TCP
                                                                                    [TCP Keep-Alive] 47720
→ 80 [ACK] Seq=862 Ack=1779 Win=62462 Len=0
Frame 198: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 862, Ack: 1779, Len: 0
                                                                    Protocol Length Info
        Time
                       Source
                                             Destination
                       45.248.174.42
    199 21.053921733
                                              10.0.2.15
                                                                             60
                                                                                    [TCP Keep-Alive ACK] 80
→ 47720 [ACK] Seg=1779 Ack=863 Win=65535 Len=0
Frame 199: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.42, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 47720, Seq: 1779, Ack: 863, Len: 0
No.
        Time
                                             Destination
                                                                    Protocol Length Info
                       Source
    200 22.333405190
                       10.0.2.15
                                              45.248.174.40
                                                                             54
                                                                                    [TCP Keep-Alive] 58166
→ 80 [ACK] Seq=431 Ack=890 Win=63351 Len=0
Frame 200: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58166, Dst Port: 80, Seq: 431, Ack: 890, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    201 22.333515568
                       10.0.2.15
                                              45.248.174.40
                                                                    TCP
                                                                                    [TCP Keep-Alive] 58150
→ 80 [ACK] Seg=431 Ack=891 Win=63350 Len=0
Frame 201: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.40
Transmission Control Protocol, Src Port: 58150, Dst Port: 80, Seq: 431, Ack: 891, Len: 0
                                                                    Protocol Length Info
                                              Destination
                       Source
    202 22.334537764
                       45.248.174.40
                                              10.0.2.15
                                                                    TCP
                                                                                    [TCP Keep-Alive ACK] 80
                                                                             60
→ 58166 [ACK] Seg=890 Ack=432 Win=65535 Len=0
Frame 202: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58166, Seq: 890, Ack: 432, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    203 22.334538146
                       45.248.174.40
                                              10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    [TCP Keep-Alive ACK] 80
 58150 [ACK] Seq=891 Ack=432 Win=65535 Len=0
Frame 203: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 45.248.174.40, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 58150, Seq: 891, Ack: 432, Len: 0
No.
        Time
                       Source
                                              Destination
                                                                    Protocol Length Info
    204 23.101553292
                       10.0.2.15
                                              34.107.221.82
                                                                                    [TCP Keep-Alive] 53662
\rightarrow 80 [ACK] Seq=310 Ack=217 Win=64024 Len=0
Frame 204: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
```

Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)

```
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 34.107.221.82
Transmission Control Protocol, Src Port: 53662, Dst Port: 80, Seq: 310, Ack: 217, Len: 0
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    205 23.101868343
                       34.107.221.82
                                             10.0.2.15
                                                                    TCP
                                                                             60
                                                                                    [TCP Keep-Alive ACK] 80
→ 53662 [ACK] Seq=217 Ack=311 Win=65535 Len=0
Frame 205: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Internet Protocol Version 4, Src: 34.107.221.82, Dst: 10.0.2.15
Transmission Control Protocol, Src Port: 80, Dst Port: 53662, Seq: 217, Ack: 311, Len: 0
                       Source
                                             Destination
                                                                    Protocol Length Info
No.
        Time
    206 26.173542467
                       PCSSystemtec_9b:0c:3c 52:55:0a:00:02:02
                                                                   ARP
                                                                             42
                                                                                    Who has 10.0.2.2? Tell
10.0.2.15
Frame 206: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Address Resolution Protocol (request)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                       52:55:0a:00:02:02
    207 26.175880553
                                             PCSSystemtec_9b:0c:3c ARP
                                                                                    10.0.2.2 is at
                                                                             64
52:55:0a:00:02:02
Frame 207: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface eth0, id 0
Ethernet II, Src: 52:55:0a:00:02:02 (52:55:0a:00:02:02), Dst: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c)
Address Resolution Protocol (reply)
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
    208 31.293489730
                       10.0.2.15
                                             45.248.174.42
                                                                             54
                                                                                    [TCP Keep-Alive] 47720
→ 80 [ACK] Seq=862 Ack=1779 Win=62462 Len=0
Frame 208: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0
Ethernet II, Src: PCSSystemtec_9b:0c:3c (08:00:27:9b:0c:3c), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 45.248.174.42
Transmission Control Protocol, Src Port: 47720, Dst Port: 80, Seq: 862, Ack: 1779, Len: 0
```