```
No.      Time            Source              Destination          Protocol Length Info
       7 4.192006618     192.168.1.144       192.168.1.1          DNS      71     Standard query 0x50f4 A
www.mit.edu
Frame 7: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface 0
    Interface id: 0 (enp4s0f2)
    Encapsulation type: Ethernet (1)
    Arrival Time: Mar 14, 2020 13:17:00.161922652 EET
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1584184620.161922652 seconds
    [Time delta from previous captured frame: 2.326083488 seconds]
    [Time delta from previous displayed frame: 0.000000000 seconds]
    [Time since reference or first frame: 4.192006618 seconds]
    Frame Number: 7
    Frame Length: 71 bytes (568 bits)
    Capture Length: 71 bytes (568 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dns]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: AsustekC_20:af:fb (30:85:a9:20:af:fb), Dst: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    Destination: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.144, Dst: 192.168.1.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        0000 00.. = Differentiated Services Codepoint: Default (0)
        .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 57
    Identification: 0xb079 (45177)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: UDP (17)
    Header checksum: 0x0659 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.144
    Destination: 192.168.1.1
User Datagram Protocol, Src Port: 47331, Dst Port: 53
    Source Port: 47331
    Destination Port: 53
    Length: 37
    Checksum: 0x1f0a [unverified]
    [Checksum Status: Unverified]
    [Stream index: 0]
Domain Name System (query)
    Transaction ID: 0x50f4
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
        www.mit.edu: type A, class IN
    [Response In: 8]
No.      Time            Source              Destination          Protocol Length Info
       8 4.254499205     192.168.1.1         192.168.1.144        DNS      328    Standard query response
0x50f4 A www.mit.edu CNAME www.mit.edu.edgekey.net CNAME e9566.dscb.akamaiedge.net A 104.109.79.114 NS
n6dscb.akamaiedge.net NS n2dscb.akamaiedge.net NS n4dscb.akamaiedge.net NS n1dscb.akamaiedge.net NS
n7dscb.akamaiedge.net NS n5dscb.akamaiedge.net NS n0dscb.akamaiedge.net NS n3dscb.akamaiedge.net
Frame 8: 328 bytes on wire (2624 bits), 328 bytes captured (2624 bits) on interface 0
    Interface id: 0 (enp4s0f2)
    Encapsulation type: Ethernet (1)
    Arrival Time: Mar 14, 2020 13:17:00.224415239 EET
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1584184620.224415239 seconds
    [Time delta from previous captured frame: 0.062492587 seconds]
    [Time delta from previous displayed frame: 0.062492587 seconds]
    [Time since reference or first frame: 4.254499205 seconds]
    Frame Number: 8
    Frame Length: 328 bytes (2624 bits)
    Capture Length: 328 bytes (2624 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dns]
```

```
        [Coloring Rule Name: UDP]
        [Coloring Rule String: udp]
  Ethernet II, Src: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49), Dst: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        Destination: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
        Type: IPv4 (0x0800)
  Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.144
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
            0000 00.. = Differentiated Services Codepoint: Default (0)
            .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
        Total Length: 314
        Identification: 0x0000 (0)
        Flags: 0x4000, Don't fragment
        Time to live: 64
        Protocol: UDP (17)
        Header checksum: 0xb5d1 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.1.1
        Destination: 192.168.1.144
  User Datagram Protocol, Src Port: 53, Dst Port: 47331
        Source Port: 53
        Destination Port: 47331
        Length: 294
        Checksum: 0x2b4d [unverified]
        [Checksum Status: Unverified]
        [Stream index: 0]
  Domain Name System (response)
        Transaction ID: 0x50f4
        Flags: 0x8180 Standard query response, No error
        Questions: 1
        Answer RRs: 3
        Authority RRs: 8
        Additional RRs: 0
        Queries
            www.mit.edu: type A, class IN
        Answers
        Authoritative nameservers
        [Request In: 7]
        [Time: 0.062492587 seconds]
No.     Time            Source              Destination          Protocol Length Info
      9 4.257803586     192.168.1.144       192.168.1.1          DNS      85     Standard query 0x202e
AAAA e9566.dscb.akamaiedge.net
  Frame 9: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
        Interface id: 0 (enp4s0f2)
        Encapsulation type: Ethernet (1)
        Arrival Time: Mar 14, 2020 13:17:00.227719620 EET
        [Time shift for this packet: 0.000000000 seconds]
        Epoch Time: 1584184620.227719620 seconds
        [Time delta from previous captured frame: 0.003304381 seconds]
        [Time delta from previous displayed frame: 0.003304381 seconds]
        [Time since reference or first frame: 4.257803586 seconds]
        Frame Number: 9
        Frame Length: 85 bytes (680 bits)
        Capture Length: 85 bytes (680 bits)
        [Frame is marked: False]
        [Frame is ignored: False]
        [Protocols in frame: eth:ethertype:ip:udp:dns]
        [Coloring Rule Name: UDP]
        [Coloring Rule String: udp]
  Ethernet II, Src: AsustekC_20:af:fb (30:85:a9:20:af:fb), Dst: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
        Destination: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
        Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        Type: IPv4 (0x0800)
  Internet Protocol Version 4, Src: 192.168.1.144, Dst: 192.168.1.1
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
            0000 00.. = Differentiated Services Codepoint: Default (0)
            .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
        Total Length: 71
        Identification: 0xb07b (45179)
        Flags: 0x4000, Don't fragment
        Time to live: 64
        Protocol: UDP (17)
```

```
        Header checksum: 0x0649 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.1.144
        Destination: 192.168.1.1
    User Datagram Protocol, Src Port: 57215, Dst Port: 53
        Source Port: 57215
        Destination Port: 53
        Length: 51
        Checksum: 0xb531 [unverified]
        [Checksum Status: Unverified]
        [Stream index: 1]
    Domain Name System (query)
        Transaction ID: 0x202e
        Flags: 0x0100 Standard query
        Questions: 1
        Answer RRs: 0
        Authority RRs: 0
        Additional RRs: 0
        Queries
            e9566.dscb.akamaiedge.net: type AAAA, class IN
        [Response In: 10]
No.     Time            Source               Destination          Protocol Length Info
    10 4.275147680     192.168.1.1          192.168.1.144         DNS      309    Standard query response
0x202e AAAA e9566.dscb.akamaiedge.net AAAA 2a02:26f0:d200:191::255e AAAA 2a02:26f0:d200:19e::255e NS
n4dscb.akamaiedge.net NS n5dscb.akamaiedge.net NS n0dscb.akamaiedge.net NS n6dscb.akamaiedge.net NS
n3dscb.akamaiedge.net NS n7dscb.akamaiedge.net NS n1dscb.akamaiedge.net NS n2dscb.akamaiedge.net
Frame 10: 309 bytes on wire (2472 bits), 309 bytes captured (2472 bits) on interface 0
        Interface id: 0 (enp4s0f2)
        Encapsulation type: Ethernet (1)
        Arrival Time: Mar 14, 2020 13:17:00.245063714 EET
        [Time shift for this packet: 0.000000000 seconds]
        Epoch Time: 1584184620.245063714 seconds
        [Time delta from previous captured frame: 0.017344094 seconds]
        [Time delta from previous displayed frame: 0.017344094 seconds]
        [Time since reference or first frame: 4.275147680 seconds]
        Frame Number: 10
        Frame Length: 309 bytes (2472 bits)
        Capture Length: 309 bytes (2472 bits)
        [Frame is marked: False]
        [Frame is ignored: False]
        [Protocols in frame: eth:ethertype:ip:udp:dns]
        [Coloring Rule Name: UDP]
        [Coloring Rule String: udp]
    Ethernet II, Src: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49), Dst: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        Destination: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
        Type: IPv4 (0x0800)
    Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.144
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
            0000 00.. = Differentiated Services Codepoint: Default (0)
            .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
        Total Length: 295
        Identification: 0x0000 (0)
        Flags: 0x4000, Don't fragment
        Time to live: 64
        Protocol: UDP (17)
        Header checksum: 0xb5e4 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.1.1
        Destination: 192.168.1.144
    User Datagram Protocol, Src Port: 53, Dst Port: 57215
        Source Port: 53
        Destination Port: 57215
        Length: 275
        Checksum: 0x0e27 [unverified]
        [Checksum Status: Unverified]
        [Stream index: 1]
    Domain Name System (response)
        Transaction ID: 0x202e
        Flags: 0x8180 Standard query response, No error
        Questions: 1
        Answer RRs: 2
        Authority RRs: 8
        Additional RRs: 0
```

```
        Queries
            e9566.dscb.akamaiedge.net: type AAAA, class IN
        Answers
        Authoritative nameservers
        [Request In: 9]
        [Time: 0.017344094 seconds]
```

```
        Queries
            e9566.dscb.akamaiedge.net: type AAAA, class IN
        Authoritative nameservers
        [Request In: 9]
        [Time: 0.017344094 seconds]
```