

No.	Time	Source	Destination	Protocol	Length	Info
9	1.234322908	192.168.1.144	192.168.1.1	DNS	90	Standard query 0x8295 A

incoming.telemetry.mozilla.org
Frame 9: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.309992765 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.309992765 seconds
[Time delta from previous captured frame: 1.039050455 seconds]
[Time delta from previous displayed frame: 0.000000000 seconds]
[Time since reference or first frame: 1.234322908 seconds]
Frame Number: 9
Frame Length: 90 bytes (720 bits)
Capture Length: 90 bytes (720 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
....0. = LG bit: Globally unique address (factory default)
....0. = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
....0. = LG bit: Globally unique address (factory default)
....0. = IG bit: Individual address (unicast)
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: 76
Identification: 0x8d38 (36152)
Flags: 0x4000, Don't fragment
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2987 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 41659, Dst Port: 53
Source Port: 41659
Destination Port: 53
Length: 56
Checksum: 0xd6fb [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Domain Name System (query)
Transaction ID: 0x8295
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
incoming.telemetry.mozilla.org: type A, class IN
[Response In: 24]

No.	Time	Source	Destination	Protocol	Length	Info
10	1.234528500	192.168.1.144	192.168.1.1	DNS	90	Standard query 0xefb4

AAAA incoming.telemetry.mozilla.org
Frame 10: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.310198357 EET
[Time shift for this packet: 0.000000000 seconds]

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Epoch Time: 1584182708.310198357 seconds
[Time delta from previous captured frame: 0.000205592 seconds]
[Time delta from previous displayed frame: 0.000205592 seconds]
[Time since reference or first frame: 1.234528500 seconds]
Frame Number: 10
Frame Length: 90 bytes (720 bits)
Capture Length: 90 bytes (720 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
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: 76
Identification: 0x8d39 (36153)
Flags: 0x4000, Don't fragment
0... .... = Reserved bit: Not set
.1.. .... = Don't fragment: Set
..0. .... = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2986 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 54110, Dst Port: 53
Source Port: 54110
Destination Port: 53
Length: 56
Checksum: 0x391e [unverified]
[Checksum Status: Unverified]
[Stream index: 1]
Domain Name System (query)
Transaction ID: 0xefb4
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
incoming.telemetry.mozilla.org: type AAAA, class IN
[Response In: 21]
No.      Time                Source                Destination            Protocol Length Info
   12  1.287663771      192.168.1.144        192.168.1.1            DNS          72      Standard query 0x3631 A
www.ietf.org
Frame 12: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.363333628 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.363333628 seconds
[Time delta from previous captured frame: 0.051863234 seconds]
[Time delta from previous displayed frame: 0.053135271 seconds]
[Time since reference or first frame: 1.287663771 seconds]
Frame Number: 12
Frame Length: 72 bytes (576 bits)
Capture Length: 72 bytes (576 bits)
[Frame is marked: False]
[Frame is ignored: False]
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[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)
    Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  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: 58
  Identification: 0x8d3a (36154)
  Flags: 0x4000, Don't fragment
    0... .... = Reserved bit: Not set
    .1... .... = Don't fragment: Set
    ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
  Time to live: 64
  Protocol: UDP (17)
  Header checksum: 0x2997 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.144
  Destination: 192.168.1.1
User Datagram Protocol, Src Port: 45951, Dst Port: 53
  Source Port: 45951
  Destination Port: 53
  Length: 38
  Checksum: 0x6f95 [unverified]
  [Checksum Status: Unverified]
  [Stream index: 2]
Domain Name System (query)
  Transaction ID: 0x3631
  Flags: 0x0100 Standard query
  Questions: 1
  Answer RRs: 0
  Authority RRs: 0
  Additional RRs: 0
  Queries
    www.ietf.org: type A, class IN
  [Response In: 14]
No.      Time                Source                Destination           Protocol Length Info
   13  1.287854216      192.168.1.144        192.168.1.1          DNS             72      Standard query 0x75b2
AAAA www.ietf.org
Frame 13: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface 0
  Interface id: 0 (enp4s0f2)
    Interface name: enp4s0f2
  Encapsulation type: Ethernet (1)
  Arrival Time: Mar 14, 2020 12:45:08.363524073 EET
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1584182708.363524073 seconds
  [Time delta from previous captured frame: 0.000190445 seconds]
  [Time delta from previous displayed frame: 0.000190445 seconds]
  [Time since reference or first frame: 1.287854216 seconds]
  Frame Number: 13
  Frame Length: 72 bytes (576 bits)
  Capture Length: 72 bytes (576 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)
    Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
```

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    Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
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: 58
Identification: 0x8d3b (36155)
Flags: 0x4000, Don't fragment
    0... .. = Reserved bit: Not set
    .1.. .. = Don't fragment: Set
    ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2996 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 47062, Dst Port: 53
Source Port: 47062
Destination Port: 53
Length: 38
Checksum: 0x2ba2 [unverified]
[Checksum Status: Unverified]
[Stream index: 3]
Domain Name System (query)
Transaction ID: 0x75b2
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
    www.ietf.org: type AAAA, class IN
[Response In: 15]
No.      Time                Source                Destination                Protocol Length Info
    14 1.292935325      192.168.1.1          192.168.1.144             DNS      239      Standard query response
0x3631 A www.ietf.org CNAME www.ietf.org.cdn.cloudflare.net A 104.20.1.85 A 104.20.0.85 NS
ns3.cloudflare.net NS ns2.cloudflare.net NS ns1.cloudflare.net NS ns4.cloudflare.net NS ns5.cloudflare.net
Frame 14: 239 bytes on wire (1912 bits), 239 bytes captured (1912 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.368605182 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.368605182 seconds
[Time delta from previous captured frame: 0.005081109 seconds]
[Time delta from previous displayed frame: 0.005081109 seconds]
[Time since reference or first frame: 1.292935325 seconds]
Frame Number: 14
Frame Length: 239 bytes (1912 bits)
Capture Length: 239 bytes (1912 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
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)
```

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    0000 00.. = Differentiated Services Codepoint: Default (0)
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 225
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
    0... .... = Reserved bit: Not set
    .1.. .... = Don't fragment: Set
    ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb62a [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 45951
Source Port: 53
Destination Port: 45951
Length: 205
Checksum: 0x301f [unverified]
[Checksum Status: Unverified]
[Stream index: 2]
Domain Name System (response)
Transaction ID: 0x3631
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 3
Authority RRs: 5
Additional RRs: 0
Queries
    www.ietf.org: type A, class IN
Answers
Authoritative nameservers
[Request In: 12]
[Time: 0.005271554 seconds]
No.      Time           Source           Destination      Protocol Length Info
   15  1.293602691    192.168.1.1      192.168.1.144    DNS        263    Standard query response
0x75b2 AAAA www.ietf.org CNAME www.ietf.org.cdn.cloudflare.net AAAA 2606:4700:10::6814:155 AAAA
2606:4700:10::6814:55 NS ns3.cloudflare.net NS ns2.cloudflare.net NS ns1.cloudflare.net NS
ns4.cloudflare.net NS ns5.cloudflare.net
Frame 15: 263 bytes on wire (2104 bits), 263 bytes captured (2104 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.369272548 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.369272548 seconds
[Time delta from previous captured frame: 0.000667366 seconds]
[Time delta from previous displayed frame: 0.000667366 seconds]
[Time since reference or first frame: 1.293602691 seconds]
Frame Number: 15
Frame Length: 263 bytes (2104 bits)
Capture Length: 263 bytes (2104 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    .... ..0. .... = LG bit: Globally unique address (factory default)
    .... ..0. .... = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    .... ..0. .... = LG bit: Globally unique address (factory default)
    .... ..0. .... = IG bit: Individual address (unicast)
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: 249
Identification: 0x0000 (0)
```

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Flags: 0x4000, Don't fragment
  0... .. = Reserved bit: Not set
  .1.. .. = Don't fragment: Set
  ..0. .... = More fragments: Not set
  ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb612 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 47062
Source Port: 53
Destination Port: 47062
Length: 229
Checksum: 0x7121 [unverified]
[Checksum Status: Unverified]
[Stream index: 3]
Domain Name System (response)
Transaction ID: 0x75b2
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 3
Authority RRs: 5
Additional RRs: 0
Queries
  www.ietf.org: type AAAA, class IN
Answers
Authoritative nameservers
[Request In: 13]
[Time: 0.005748475 seconds]
No.      Time                Source                Destination                Protocol Length Info
   21  1.333732674        192.168.1.1          192.168.1.144             DNS      302      Standard query response
0xefb4 AAAA incoming.telemetry.mozilla.org CNAME telemetry-incoming.r53-2.services.mozilla.com CNAME
pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com SOA ns-332.awsdns-41.com
Frame 21: 302 bytes on wire (2416 bits), 302 bytes captured (2416 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.409402531 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.409402531 seconds
[Time delta from previous captured frame: 0.036777180 seconds]
[Time delta from previous displayed frame: 0.040129983 seconds]
[Time since reference or first frame: 1.333732674 seconds]
Frame Number: 21
Frame Length: 302 bytes (2416 bits)
Capture Length: 302 bytes (2416 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
  ....0. .... = LG bit: Globally unique address (factory default)
  ....0. .... = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
  ....0. .... = LG bit: Globally unique address (factory default)
  ....0. .... = IG bit: Individual address (unicast)
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: 288
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
  0... .. = Reserved bit: Not set
  .1.. .. = Don't fragment: Set
  ..0. .... = More fragments: Not set
  ...0 0000 0000 0000 = Fragment offset: 0
```

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Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb5eb [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 54110
Source Port: 53
Destination Port: 54110
Length: 268
Checksum: 0xf48c [unverified]
[Checksum Status: Unverified]
[Stream index: 1]
Domain Name System (response)
Transaction ID: 0xefb4
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 2
Authority RRs: 1
Additional RRs: 0
Queries
    incoming.telemetry.mozilla.org: type AAAA, class IN
Answers
Authoritative nameservers
[Request In: 10]
[Time: 0.099204174 seconds]
No.      Time          Source          Destination          Protocol Length Info
   22  1.334190840    192.168.1.144    192.168.1.1          DNS       124    Standard query 0xbdf8
AAAA pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
Frame 22: 124 bytes on wire (992 bits), 124 bytes captured (992 bits) on interface 0
Interface id: 0 (enp4s0f2)
    Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.409860697 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.409860697 seconds
[Time delta from previous captured frame: 0.000458166 seconds]
[Time delta from previous displayed frame: 0.000458166 seconds]
[Time since reference or first frame: 1.334190840 seconds]
Frame Number: 22
Frame Length: 124 bytes (992 bits)
Capture Length: 124 bytes (992 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
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: 110
Identification: 0x8d40 (36160)
Flags: 0x4000, Don't fragment
    0... .... = Reserved bit: Not set
    .1.. .... = Don't fragment: Set
    ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x295d [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
```

User Datagram Protocol, Src Port: 43452, Dst Port: 53
Source Port: 43452
Destination Port: 53
Length: 90
Checksum: 0x85f2 [unverified]
[Checksum Status: Unverified]
[Stream index: 4]
Domain Name System (query)
Transaction ID: 0xbdf8
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
 pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type AAAA, class IN
[Response In: 23]
No. Time Source Destination Protocol Length Info
23 1.335012575 192.168.1.1 192.168.1.144 DNS 124 Standard query response
0xbdf8 AAAA pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
Frame 23: 124 bytes on wire (992 bits), 124 bytes captured (992 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.410682432 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.410682432 seconds
[Time delta from previous captured frame: 0.000821735 seconds]
[Time delta from previous displayed frame: 0.000821735 seconds]
[Time since reference or first frame: 1.335012575 seconds]
Frame Number: 23
Frame Length: 124 bytes (992 bits)
Capture Length: 124 bytes (992 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
 0. = LG bit: Globally unique address (factory default)
 0. = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
 0. = LG bit: Globally unique address (factory default)
 0. = IG bit: Individual address (unicast)
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: 110
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb69d [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 43452
Source Port: 53
Destination Port: 43452
Length: 90
Checksum: 0x0572 [unverified]
[Checksum Status: Unverified]
[Stream index: 4]
Domain Name System (response)
Transaction ID: 0xbdf8

Flags: 0x8180 Standard query response, No error

Questions: 1

Answer RRs: 0

Authority RRs: 0

Additional RRs: 0

Queries

pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type AAAA, class IN

[Request In: 22]

[Time: 0.000821735 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
24	1.346414561	192.168.1.1	192.168.1.144	DNS	550	Standard query response

0x8295 A incoming.telemetry.mozilla.org CNAME telemetry-incoming.r53-2.services.mozilla.com CNAME
pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com A 52.38.200.95 A 52.41.43.184 A
52.88.91.154 A 52.11.65.185 A 52.35.6.89 A 52.35.81.173 A 52.35.83.137 A 52.38.51.5 NS
ns-560.awsdns-06.net NS ns-1475.awsdns-56.org NS ns-332.awsdns-41.com NS ns-1769.awsdns-29.co.uk A
205.251.193.76 A 205.251.194.48 A 205.251.197.195 A 205.251.198.233

Frame 24: 550 bytes on wire (4400 bits), 550 bytes captured (4400 bits) on interface 0

Interface id: 0 (enp4s0f2)

Interface name: enp4s0f2

Encapsulation type: Ethernet (1)

Arrival Time: Mar 14, 2020 12:45:08.422084418 EET

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1584182708.422084418 seconds

[Time delta from previous captured frame: 0.011401986 seconds]

[Time delta from previous displayed frame: 0.011401986 seconds]

[Time since reference or first frame: 1.346414561 seconds]

Frame Number: 24

Frame Length: 550 bytes (4400 bits)

Capture Length: 550 bytes (4400 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)

Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)

.... ..0. = LG bit: Globally unique address (factory default)

.... ..0. = IG bit: Individual address (unicast)

Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)

Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)

.... ..0. = LG bit: Globally unique address (factory default)

.... ..0. = IG bit: Individual address (unicast)

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: 536

Identification: 0x0000 (0)

Flags: 0x4000, Don't fragment

0... = Reserved bit: Not set

.1.. = Don't fragment: Set

..0. = More fragments: Not set

...0 0000 0000 0000 = Fragment offset: 0

Time to live: 64

Protocol: UDP (17)

Header checksum: 0xb4f3 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.1

Destination: 192.168.1.144

User Datagram Protocol, Src Port: 53, Dst Port: 41659

Source Port: 53

Destination Port: 41659

Length: 516

Checksum: 0x464c [unverified]

[Checksum Status: Unverified]

[Stream index: 0]

Domain Name System (response)

Transaction ID: 0x8295

Flags: 0x8180 Standard query response, No error

Questions: 1

Answer RRs: 10

Authority RRs: 4

Additional RRs: 4
Queries
 incoming.telemetry.mozilla.org: type A, class IN
Answers
Authoritative nameservers
Additional records
[Request In: 9]
[Time: 0.112091653 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
50	1.719266381	192.168.1.144	192.168.1.1	DNS	82	Standard query 0x3bce A

ocsp.starfieldtech.com
Frame 50: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.794936238 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.794936238 seconds
[Time delta from previous captured frame: 0.011617789 seconds]
[Time delta from previous displayed frame: 0.372851820 seconds]
[Time since reference or first frame: 1.719266381 seconds]
Frame Number: 50
Frame Length: 82 bytes (656 bits)
Capture Length: 82 bytes (656 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
 0. = LG bit: Globally unique address (factory default)
 0. = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
 0. = LG bit: Globally unique address (factory default)
 0. = IG bit: Individual address (unicast)
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: 68
Identification: 0x8d8c (36236)
Flags: 0x4000, Don't fragment
 0... = Reserved bit: Not set
 .1.. = Don't fragment: Set
 ..0. = More fragments: Not set
 ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x293b [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 40213, Dst Port: 53
Source Port: 40213
Destination Port: 53
Length: 48
Checksum: 0x2699 [unverified]
[Checksum Status: Unverified]
[Stream index: 5]
Domain Name System (query)
Transaction ID: 0x3bce
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
 ocsp.starfieldtech.com: type A, class IN
[Response In: 52]

No.	Time	Source	Destination	Protocol	Length	Info
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No.	Time	Source	Destination	Protocol	Length	Info
52	1.722602279	192.168.1.1	192.168.1.144	DNS	540	Standard query response
0x3bce A ocpstarfieldtech.com CNAME ocpstarfieldtech.com.akadns.net A 192.124.249.24 A 192.124.249.36 A 192.124.249.41 A 192.124.249.22 A 192.124.249.23 NS a18-128.akagtm.org NS a3-129.akadns.net NS a13-130.akagtm.org NS a1-128.akadns.net NS a11-129.akadns.net NS a12-131.akagtm.org NS a7-131.akadns.net NS a9-128.akadns.net NS a5-130.akagtm.org NS a28-129.akagtm.org A 193.108.88.128 A 96.7.49.129 A 95.100.168.130 A 23.61.199.131 A 184.85.248.128 A 84.53.139.129 A 184.26.160.131						
Frame 52: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface 0						
Interface id: 0 (enp4s0f2)						
Interface name: enp4s0f2						

Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.798272136 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.798272136 seconds
[Time delta from previous captured frame: 0.002924753 seconds]
[Time delta from previous displayed frame: 0.002924753 seconds]
[Time since reference or first frame: 1.722602279 seconds]
Frame Number: 52
Frame Length: 540 bytes (4320 bits)
Capture Length: 540 bytes (4320 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0 = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0 = IG bit: Individual address (unicast)
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: 526
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb4fd [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 40213
Source Port: 53
Destination Port: 40213
Length: 506
Checksum: 0xbdec [unverified]
[Checksum Status: Unverified]
[Stream index: 5]
Domain Name System (response)
Transaction ID: 0x3bce
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 6
Authority RRs: 10
Additional RRs: 7
Queries
 ocsp.starfieldtech.com: type A, class IN
Answers
Authoritative nameservers
Additional records
[Request In: 50]
[Time: 0.003335898 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
53	1.723077360	192.168.1.1	192.168.1.144	DNS	186	Standard query response

0x7726 AAAA ocsp.starfieldtech.com CNAME ocsp.godaddy.com.akadns.net SOA internal.akadns.net
Frame 53: 186 bytes on wire (1488 bits), 186 bytes captured (1488 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.798747217 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.798747217 seconds
[Time delta from previous captured frame: 0.000475081 seconds]

[Time delta from previous displayed frame: 0.000475081 seconds]
[Time since reference or first frame: 1.723077360 seconds]
Frame Number: 53
Frame Length: 186 bytes (1488 bits)
Capture Length: 186 bytes (1488 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. = LG bit: Globally unique address (factory default)
.... ...0 = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..0. = LG bit: Globally unique address (factory default)
.... ...0 = IG bit: Individual address (unicast)
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: 172
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb65f [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 46931
Source Port: 53
Destination Port: 46931
Length: 152
Checksum: 0x628a [unverified]
[Checksum Status: Unverified]
[Stream index: 6]
Domain Name System (response)
Transaction ID: 0x7726
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 1
Authority RRs: 1
Additional RRs: 0
Queries
 ocsp.starfieldtech.com: type AAAA, class IN
Answers
Authoritative nameservers
[Request In: 51]
[Time: 0.003399834 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
54	1.723739737	192.168.1.144	192.168.1.1	DNS	87	Standard query 0x957b

AAAA ocsp.godaddy.com.akadns.net
Frame 54: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:08.799409594 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182708.799409594 seconds
[Time delta from previous captured frame: 0.000662377 seconds]
[Time delta from previous displayed frame: 0.000662377 seconds]
[Time since reference or first frame: 1.723739737 seconds]
Frame Number: 54
Frame Length: 87 bytes (696 bits)
Capture Length: 87 bytes (696 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)
    Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  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: 73
  Identification: 0x8d8e (36238)
  Flags: 0x4000, Don't fragment
    0... .... = Reserved bit: Not set
    .1.. .... = Don't fragment: Set
    ..0. .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
  Time to live: 64
  Protocol: UDP (17)
  Header checksum: 0x2934 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.144
  Destination: 192.168.1.1
User Datagram Protocol, Src Port: 39873, Dst Port: 53
  Source Port: 39873
  Destination Port: 53
  Length: 53
  Checksum: 0x4071 [unverified]
  [Checksum Status: Unverified]
  [Stream index: 7]
Domain Name System (query)
  Transaction ID: 0x957b
  Flags: 0x0100 Standard query
  Questions: 1
  Answer RRs: 0
  Authority RRs: 0
  Additional RRs: 0
  Queries
    ojsp.godaddy.com.akadns.net: type AAAA, class IN
  [Response In: 55]
No.      Time                Source                Destination            Protocol Length Info
   55  1.724458844      192.168.1.1          192.168.1.144          DNS           87      Standard query response
0x957b AAAA ojsp.godaddy.com.akadns.net
Frame 55: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 0
  Interface id: 0 (enp4s0f2)
    Interface name: enp4s0f2
  Encapsulation type: Ethernet (1)
  Arrival Time: Mar 14, 2020 12:45:08.800128701 EET
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1584182708.800128701 seconds
  [Time delta from previous captured frame: 0.000719107 seconds]
  [Time delta from previous displayed frame: 0.000719107 seconds]
  [Time since reference or first frame: 1.724458844 seconds]
  Frame Number: 55
  Frame Length: 87 bytes (696 bits)
  Capture Length: 87 bytes (696 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)
    Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
```

```
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
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: 73
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
0... .... = Reserved bit: Not set
1... .... = Don't fragment: Set
..0. .... = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb6c2 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 39873
Source Port: 53
Destination Port: 39873
Length: 53
Checksum: 0xbff0 [unverified]
[Checksum Status: Unverified]
[Stream index: 7]
Domain Name System (response)
Transaction ID: 0x957b
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
    ojsp.godaddy.com.akadns.net: type AAAA, class IN
[Request In: 54]
[Time: 0.000719107 seconds]
No.      Time      Source      Destination      Protocol Length Info
 555 2.369740997 192.168.1.144 192.168.1.1      DNS       78      Standard query 0xb198 A
analytics.ietf.org
Frame 555: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:09.445410854 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182709.445410854 seconds
[Time delta from previous captured frame: 0.042135395 seconds]
[Time delta from previous displayed frame: 0.645282153 seconds]
[Time since reference or first frame: 2.369740997 seconds]
Frame Number: 555
Frame Length: 78 bytes (624 bits)
Capture Length: 78 bytes (624 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
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: 64
Identification: 0x8d95 (36245)
Flags: 0x4000, Don't fragment
  0... .... = Reserved bit: Not set
  .1... .... = Don't fragment: Set
  ..0. .... = More fragments: Not set
  ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2936 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 35514, Dst Port: 53
Source Port: 35514
Destination Port: 53
Length: 44
Checksum: 0xdbbc [unverified]
[Checksum Status: Unverified]
[Stream index: 8]
Domain Name System (query)
Transaction ID: 0xb198
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
  analytics.ietf.org: type A, class IN
[Response In: 557]
No.      Time                Source                Destination          Protocol Length Info
 556 2.369886193      192.168.1.144        192.168.1.1         DNS              78      Standard query 0x47bd
AAAA analytics.ietf.org
Frame 556: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:09.445556050 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182709.445556050 seconds
[Time delta from previous captured frame: 0.000145196 seconds]
[Time delta from previous displayed frame: 0.000145196 seconds]
[Time since reference or first frame: 2.369886193 seconds]
Frame Number: 556
Frame Length: 78 bytes (624 bits)
Capture Length: 78 bytes (624 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)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
  .... ..0. .... = LG bit: Globally unique address (factory default)
  .... ..0. .... = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
  .... ..0. .... = LG bit: Globally unique address (factory default)
  .... ..0. .... = IG bit: Individual address (unicast)
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: 64
Identification: 0x8d96 (36246)
Flags: 0x4000, Don't fragment
  0... .... = Reserved bit: Not set
  .1... .... = Don't fragment: Set
  ..0. .... = More fragments: Not set
```



```
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2935 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 192.168.1.1
User Datagram Protocol, Src Port: 42127, Dst Port: 53
Source Port: 42127
Destination Port: 53
Length: 44
Checksum: 0x2ba8 [unverified]
[Checksum Status: Unverified]
[Stream index: 9]
Domain Name System (query)
Transaction ID: 0x47bd
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
  analytics.ietf.org: type AAAA, class IN
[Response In: 736]
No.      Time                Source                Destination                Protocol Length Info
557 2.599083460      192.168.1.1          192.168.1.144             DNS      281      Standard query response
0xb198 A analytics.ietf.org CNAME ietf.org A 4.31.198.44 NS ns1.hkg1.afili-as-nst.info NS ns0.ams1.com NS ns1.ams1.afili-as-nst.info NS ns1.sea1.afili-as-nst.info NS ns1.yyz1.afili-as-nst.info A 4.31.198.40
Frame 557: 281 bytes on wire (2248 bits), 281 bytes captured (2248 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:09.674753317 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182709.674753317 seconds
[Time delta from previous captured frame: 0.229197267 seconds]
[Time delta from previous displayed frame: 0.229197267 seconds]
[Time since reference or first frame: 2.599083460 seconds]
Frame Number: 557
Frame Length: 281 bytes (2248 bits)
Capture Length: 281 bytes (2248 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ..0. .... = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ..0. .... = IG bit: Individual address (unicast)
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: 267
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
0... .... = Reserved bit: Not set
.1.. .... = Don't fragment: Set
..0. .... = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb600 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
```

User Datagram Protocol, Src Port: 53, Dst Port: 35514
Source Port: 53
Destination Port: 35514
Length: 247
Checksum: 0x3aa2 [unverified]
[Checksum Status: Unverified]
[Stream index: 8]
Domain Name System (response)
Transaction ID: 0xb198
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 2
Authority RRs: 6
Additional RRs: 1
Queries
analytics.ietf.org: type A, class IN
Answers
Authoritative nameservers
Additional records
[Request In: 555]
[Time: 0.229342463 seconds]
No. Time Source Destination Protocol Length Info
736 2.743814893 192.168.1.1 192.168.1.144 DNS 293 Standard query response
0x47bd AAAA analytics.ietf.org CNAME ietf.org AAAA 2001:1900:3001:11::2c NS ns1.hkg1.afiliast-nst.info NS
ns1.sea1.afiliast-nst.info NS ns1.yyz1.afiliast-nst.info NS ns1.ams1.afiliast-nst.info NS ns1.mia1.afiliast-nst.info NS ns0.ams1.com A 4.31.198.40
Frame 736: 293 bytes on wire (2344 bits), 293 bytes captured (2344 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 14, 2020 12:45:09.819484750 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584182709.819484750 seconds
[Time delta from previous captured frame: 0.008681458 seconds]
[Time delta from previous displayed frame: 0.144731433 seconds]
[Time since reference or first frame: 2.743814893 seconds]
Frame Number: 736
Frame Length: 293 bytes (2344 bits)
Capture Length: 293 bytes (2344 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)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
....0. = LG bit: Globally unique address (factory default)
....0. = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
....0. = LG bit: Globally unique address (factory default)
....0. = IG bit: Individual address (unicast)
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: 279
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xb5f4 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.1
Destination: 192.168.1.144
User Datagram Protocol, Src Port: 53, Dst Port: 42127
Source Port: 53
Destination Port: 42127

```
Length: 259
Checksum: 0x566e [unverified]
[Checksum Status: Unverified]
[Stream index: 9]
Domain Name System (response)
Transaction ID: 0x47bd
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 2
Authority RRs: 6
Additional RRs: 1
Queries
    analytics.ietf.org: type AAAA, class IN
Answers
Authoritative nameservers
Additional records
[Request In: 556]
[Time: 0.373928700 seconds]
```