

No.	Time	Source	Destination	Protocol	Length	Info
3704	20:13:42.102448	128.193.15.13	10.248.37.93	DNS	506	Standard query response 0x3c93 HTTPS
www.ietf.org CNAME www.ietf.org.cdn.cloudflare.net HTTPS NS ns1.cloudflare.net NS ns2.cloudflare.net NS ns5.cloudflare.net NS ns4.cloudflare.net NS ns3.cloudflare.net A 173.245.59.31 AAAA 2400:cb00:2049:1::adf5:3b1f A 198.41.222.131 AAAA 2400:cb00:2049:1::c629:de83 A 198.41.222.31 AAAA 2400:cb00:2049:1::c629:de1f A 198.41.223.131 AAAA 2400:cb00:2049:1::c629:df83 A 198.41.223.31 AAAA 2400:cb00:2049:1::c629:df1f						
Frame 3704: 506 bytes on wire (4048 bits), 506 bytes captured (4048 bits) on interface \Device\NPF_{52A93EF6-8BB7-488A-AA9F-46C9AA036E99}, id 0						
Section number: 1						
Interface id: 0 (\Device\NPF_{52A93EF6-8BB7-488A-AA9F-46C9AA036E99})						
Interface name: \Device\NPF_{52A93EF6-8BB7-488A-AA9F-46C9AA036E99}						
Interface description: Wi-Fi						
Encapsulation type: Ethernet (1)						
Arrival Time: Jan 26, 2023 20:13:42.102448000 Pacific Standard Time						
[Time shift for this packet: 0.000000000 seconds]						
Epoch Time: 1674792822.102448000 seconds						
[Time delta from previous captured frame: 0.000000000 seconds]						
[Time delta from previous displayed frame: 0.000000000 seconds]						
[Time since reference or first frame: 5.774971000 seconds]						
Frame Number: 3704						
Frame Length: 506 bytes (4048 bits)						
Capture Length: 506 bytes (4048 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: HewlettP_45:60:de (40:b9:3c:45:60:de), Dst: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30)						
Destination: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30)						
Address: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30)						
.... ..0. = LG bit: Globally unique address (factory default)						
.... ...0 = IG bit: Individual address (unicast)						
Source: HewlettP_45:60:de (40:b9:3c:45:60:de)						
Address: HewlettP_45:60:de (40:b9:3c:45:60:de)						
.... ..0. = LG bit: Globally unique address (factory default)						
.... ...0 = IG bit: Individual address (unicast)						
Type: IPv4 (0x0800)						
Internet Protocol Version 4, Src: 128.193.15.13, Dst: 10.248.37.93						
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: 492						
Identification: 0xfaba (64186)						
000. = Flags: 0x0						
0... = Reserved bit: Not set						
.0.. = Don't fragment: Not set						
..0. = More fragments: Not set						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 55						
Protocol: UDP (17)						
Header Checksum: 0xc723 [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 128.193.15.13						
Destination Address: 10.248.37.93						
User Datagram Protocol, Src Port: 53, Dst Port: 58925						
Source Port: 53						
Destination Port: 58925						
Length: 472						
Checksum: 0xc048 [unverified]						
[Checksum Status: Unverified]						
[Stream index: 63]						
[Timestamps]						
[Time since first frame: 0.005817000 seconds]						
[Time since previous frame: 0.005817000 seconds]						
UDP payload (464 bytes)						
Domain Name System (response)						
Transaction ID: 0x3c93						
Flags: 0x8180 Standard query response, No error						
1... = Response: Message is a response						
.000 0... = Opcode: Standard query (0)						
.... .0.. = Authoritative: Server is not an authority for domain						
.... ..0. = Truncated: Message is not truncated						
.... ...1 = Recursion desired: Do query recursively						
....1... = Recursion available: Server can do recursive queries						
....0.. = Z: reserved (0)						
....0. = Answer authenticated: Answer/authority portion was not authenticated by the server						
....0 = Non-authenticated data: Unacceptable						
....0000 = Reply code: No error (0)						

Questions: 1
Answer RRs: 2
Authority RRs: 5
Additional RRs: 10
Queries

www.ietf.org: type HTTPS, class IN
Name: www.ietf.org
[Name Length: 12]
[Label Count: 3]
Type: HTTPS (HTTPS Specific Service Endpoints) (65)
Class: IN (0x0001)

Answers

www.ietf.org: type CNAME, class IN, cname www.ietf.org.cdn.cloudflare.net
Name: www.ietf.org
Type: CNAME (Canonical NAME for an alias) (5)
Class: IN (0x0001)
Time to live: 1638 (27 minutes, 18 seconds)
Data length: 33
CNAME: www.ietf.org.cdn.cloudflare.net
www.ietf.org.cdn.cloudflare.net: type HTTPS, class IN
Name: www.ietf.org.cdn.cloudflare.net
Type: HTTPS (HTTPS Specific Service Endpoints) (65)
Class: IN (0x0001)
Time to live: 138 (2 minutes, 18 seconds)
Data length: 67
SvcPriority: 1
TargetName: <Root>
SvcParam: alpn=h3,h3-29,h2
SvcParamKey: alpn (1)
SvcParamValue length: 12
ALPN length: 2
ALPN: h3
ALPN length: 5
ALPN: h3-29
ALPN length: 2
ALPN: h2
SvcParam: ipv4hint=104.16.44.99,104.16.45.99
SvcParamKey: ipv4hint (4)
SvcParamValue length: 8
IP: 104.16.44.99
IP: 104.16.45.99
SvcParam: ipv6hint=2606:4700::6810:2c63,2606:4700::6810:2d63
SvcParamKey: ipv6hint (6)
SvcParamValue length: 32
IP: 2606:4700::6810:2c63
IP: 2606:4700::6810:2d63

Authoritative nameservers

cloudflare.net: type NS, class IN, ns ns1.cloudflare.net
Name: cloudflare.net
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 153010 (1 day, 18 hours, 30 minutes, 10 seconds)
Data length: 6
Name Server: ns1.cloudflare.net
cloudflare.net: type NS, class IN, ns ns2.cloudflare.net
Name: cloudflare.net
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 153010 (1 day, 18 hours, 30 minutes, 10 seconds)
Data length: 6
Name Server: ns2.cloudflare.net
cloudflare.net: type NS, class IN, ns ns5.cloudflare.net
Name: cloudflare.net
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 153010 (1 day, 18 hours, 30 minutes, 10 seconds)
Data length: 6
Name Server: ns5.cloudflare.net
cloudflare.net: type NS, class IN, ns ns4.cloudflare.net
Name: cloudflare.net
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 153010 (1 day, 18 hours, 30 minutes, 10 seconds)
Data length: 6
Name Server: ns4.cloudflare.net
cloudflare.net: type NS, class IN, ns ns3.cloudflare.net
Name: cloudflare.net
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 153010 (1 day, 18 hours, 30 minutes, 10 seconds)


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Section number: 1
Interface id: 0 (\Device\NPF_{52A93EF6-8BB7-488A-AA9F-46C9AA036E99})
  Interface name: \Device\NPF_{52A93EF6-8BB7-488A-AA9F-46C9AA036E99}
  Interface description: Wi-Fi
Encapsulation type: Ethernet (1)
Arrival Time: Jan 26, 2023 20:13:42.102643000 Pacific Standard Time
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1674792822.102643000 seconds
[Time delta from previous captured frame: 0.000195000 seconds]
[Time delta from previous displayed frame: 0.000195000 seconds]
[Time since reference or first frame: 5.775166000 seconds]
Frame Number: 3705
Frame Length: 54 bytes (432 bits)
Capture Length: 54 bytes (432 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30), Dst: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)
  Destination: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)
    Address: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0. .... = IG bit: Individual address (unicast)
  Source: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30)
    Address: IntelCor_d8:24:30 (f8:e4:e3:d8:24:30)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0. .... = IG bit: Individual address (unicast)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.248.37.93, Dst: 104.96.163.139
  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: 40
  Identification: 0x6e17 (28183)
  010. .... = Flags: 0x2, 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: 128
  Protocol: TCP (6)
  Header Checksum: 0x0000 [validation disabled]
  [Header checksum status: Unverified]
  Source Address: 10.248.37.93
  Destination Address: 104.96.163.139
Transmission Control Protocol, Src Port: 58656, Dst Port: 443, Seq: 6996, Ack: 1649511, Len: 0
  Source Port: 58656
  Destination Port: 443
  [Stream index: 11]
  [Conversation completeness: Incomplete, DATA (15)]
  [TCP Segment Len: 0]
  Sequence Number: 6996 (relative sequence number)
  Sequence Number (raw): 2167851991
  [Next Sequence Number: 6996 (relative sequence number)]
  Acknowledgment Number: 1649511 (relative ack number)
  Acknowledgment number (raw): 3999154652
  0101 .... = Header Length: 20 bytes (5)
  Flags: 0x010 (ACK)
    000. .... = Reserved: Not set
    ...0 .... = Accurate ECN: Not set
    .... 0... = Congestion Window Reduced: Not set
    .... .0.. = ECN-Echo: Not set
    .... ..0. = Urgent: Not set
    .... ...1 = Acknowledgment: Set
    .... .... 0... = Push: Not set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window: 4140
  [Calculated window size: 1059840]
  [Window size scaling factor: 256]
  Checksum: 0x3c5b [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
  [Timestamps]
    [Time since first frame in this TCP stream: 3.987224000 seconds]
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[Time since previous frame in this TCP stream: 0.000195000 seconds]
[SEQ/ACK analysis]
[This is an ACK to the segment in frame: 3701]
[The RTT to ACK the segment was: 0.000195000 seconds]
[iRTT: 0.007714000 seconds]
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