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No.      Time      Source      Destination      Protocol Length Flags      Destination Port Source Port Info
4 10:45:20.336335 10.5.148.200 130.253.3.39    DNS          71          53          51116      Standard
query 0x8e50 A www.mit.edu
Frame 4: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface \Device\NPF_{3F3DB8EB-1AC0-401B-8543-3316F86ED445}, id 0
  Section number: 1
    Interface id: 0 (\Device\NPF_{3F3DB8EB-1AC0-401B-8543-3316F86ED445})
      Interface name: \Device\NPF_{3F3DB8EB-1AC0-401B-8543-3316F86ED445}
      Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
  Arrival Time: Oct 7, 2022 10:45:20.336335000 Mountain Daylight Time
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1665161120.336335000 seconds
  [Time delta from previous captured frame: 1.701068000 seconds]
  [Time delta from previous displayed frame: 0.000000000 seconds]
  [Time since reference or first frame: 1.781161000 seconds]
  Frame Number: 4
  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: RivetNet_ea:43:59 (9c:b6:d0:ea:43:59), Dst: All-HSRP-routers_00 (00:00:0c:07:ac:00)
  Destination: All-HSRP-routers_00 (00:00:0c:07:ac:00)
    Address: All-HSRP-routers_00 (00:00:0c:07:ac:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: RivetNet_ea:43:59 (9c:b6:d0:ea:43:59)
    Address: RivetNet_ea:43:59 (9c:b6:d0:ea:43:59)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.5.148.200, Dst: 130.253.3.39
  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: 0x68b0 (26800)
  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: 128
  Protocol: UDP (17)
  Header Checksum: 0xad12 [correct]
  [Header checksum status: Good]
  [Calculated Checksum: 0xad12]
  Source Address: 10.5.148.200
  Destination Address: 130.253.3.39
User Datagram Protocol, Src Port: 51116, Dst Port: 53
  Source Port: 51116
  Destination Port: 53
  Length: 37
  Checksum: 0x31d5 [correct]
    [Calculated Checksum: 0x31d5]
  [Checksum Status: Good]
  [Stream index: 0]
  [Timestamps]
    [Time since first frame: 0.000000000 seconds]
    [Time since previous frame: 0.000000000 seconds]
  UDP payload (29 bytes)
Domain Name System (query)
  Transaction ID: 0x8e50
  Flags: 0x0100 Standard query
    0... .... = Response: Message is a query
    .000 0... = Opcode: Standard query (0)
    ....0. .... = Truncated: Message is not truncated
    ....01 .... = Recursion desired: Do query recursively
    .... ..0... = Z: reserved (0)
    .... ..0. .... = Non-authenticated data: Unacceptable
  Questions: 1
  Answer RRs: 0

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Authority RRs: 0
Additional RRs: 0

Queries

www.mit.edu: type A, class IN
Name: www.mit.edu
[Name Length: 11]
[Label Count: 3]
Type: A (Host Address) (1)
Class: IN (0x0001)

[Response In: 6]

0000	00 00 0c 07 ac 00 9c b6 d0 ea 43 59 08 00 45 00CY..E.
0010	00 39 68 b0 00 00 80 11 ad 12 0a 05 94 c8 82 fd	.9h.....
0020	03 27 c7 ac 00 35 00 25 31 d5 8e 50 01 00 00 01	.'...5.%1..P....
0030	00 00 00 00 00 00 03 77 77 77 03 6d 69 74 03 65www.mit.e
0040	64 75 00 00 01 00 01	du.....

.... ..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: 3

Authority RRs: 0

Additional RRs: 0

Queries

www.mit.edu: type A, class IN
Name: www.mit.edu
[Name Length: 11]
[Label Count: 3]
Type: A (Host Address) (1)
Class: IN (0x0001)

Answers

www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net
Name: www.mit.edu
Type: CNAME (Canonical NAME for an alias) (5)
Class: IN (0x0001)
Time to live: 1475 (24 minutes, 35 seconds)
Data length: 25
CNAME: www.mit.edu.edgekey.net
www.mit.edu.edgekey.net: type CNAME, class IN, cname e9566.dscb.akamaiedge.net
Name: www.mit.edu.edgekey.net
Type: CNAME (Canonical NAME for an alias) (5)
Class: IN (0x0001)
Time to live: 60 (1 minute)
Data length: 24
CNAME: e9566.dscb.akamaiedge.net
e9566.dscb.akamaiedge.net: type A, class IN, addr 23.222.166.107
Name: e9566.dscb.akamaiedge.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 20 (20 seconds)
Data length: 4
Address: 23.222.166.107

[Request In: 4]

[Time: 0.042439000 seconds]

0000	9c b6 d0 ea 43 59 00 6c bc 1c dc fb 08 00 45 00CY.l.....E.
0010	00 92 4a b0 00 00 7c 11 ce b9 82 fd 03 27 0a 05	..J...'..
0020	94 c8 00 35 c7 ac 00 7e 44 c8 8e 50 81 80 00 01	...5...~D..P....
0030	00 03 00 00 00 00 03 77 77 77 03 6d 69 74 03 65www.mit.e
0040	64 75 00 00 01 00 01 c0 0c 00 05 00 01 00 00 05	du.....
0050	c3 00 19 03 77 77 77 03 6d 69 74 03 65 64 75 07www.mit.edu.
0060	65 64 67 65 6b 65 79 03 6e 65 74 00 c0 29 00 05	edgekey.net..)..<....e9566.d
0070	00 01 00 00 00 3c 00 18 05 65 39 35 36 36 04 64	scb.akamaiedge.=
0080	73 63 62 0a 61 6b 61 6d 61 69 65 64 67 65 c0 3d	.N.....k
0090	c0 4e 00 01 00 01 00 00 00 14 00 04 17 de a6 6b	