

No.	Time	Source	Destination	Protocol	Length	Info
18	16.001546381	192.168.31.178	192.168.31.1	DNS	67	Standard query 0xb7cb NS mit.edu

Frame 18: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface wlo1, id 0
Ethernet II, Src: IntelCor_6a:0e:7d (14:4f:8a:6a:0e:7d), Dst: XIAOMIEl_4b:fb:1d (50:64:2b:4b:fb:1d)
Internet Protocol Version 4, Src: 192.168.31.178, Dst: 192.168.31.1
User Datagram Protocol, Src Port: 49856, Dst Port: 53

Domain Name System (query)
Transaction ID: 0xb7cb
Flags: 0x0100 Standard query
0... .. = Response: Message is a query
.000 0... .. = Opcode: Standard query (0)
.... ..0. = Truncated: Message is not truncated
.... ..1 = Recursion desired: Do query recursively
.... ..0. = Z: reserved (0)
.... ..0 = Non-authenticated data: Unacceptable
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries

mit.edu: type NS, class IN
Name: mit.edu
[Name Length: 7]
[Label Count: 2]
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
[Response In: 19]

No.	Time	Source	Destination	Protocol	Length	Info
19	16.291232590	192.168.31.1	192.168.31.178	DNS	362	Standard query response 0xb7cb NS mit.edu NS eur5.akam.net NS usw2.akam.net NS use5.akam.net NS use2.akam.net NS asia1.akam.net NS asia2.akam.net NS ns1-37.akam.net NS ns1-173.akam.net A 23.74.25.64 A 96.7.49.64 A 2.16.40.64 A 184.26.161.64 A 95.100.175.64 A 95.101.36.64 A 193.108.91.37 A 193.108.91.173

Frame 19: 362 bytes on wire (2896 bits), 362 bytes captured (2896 bits) on interface wlo1, id 0
Ethernet II, Src: XIAOMIEl_4b:fb:1d (50:64:2b:4b:fb:1d), Dst: IntelCor_6a:0e:7d (14:4f:8a:6a:0e:7d)
Internet Protocol Version 4, Src: 192.168.31.1, Dst: 192.168.31.178
User Datagram Protocol, Src Port: 53, Dst Port: 49856

Domain Name System (response)
Transaction ID: 0xb7cb
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: 8
Authority RRs: 0
Additional RRs: 8
Queries
mit.edu: type NS, class IN
Name: mit.edu
[Name Length: 7]
[Label Count: 2]
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)

Answers
mit.edu: type NS, class IN, ns eur5.akam.net
mit.edu: type NS, class IN, ns usw2.akam.net
mit.edu: type NS, class IN, ns use5.akam.net
mit.edu: type NS, class IN, ns use2.akam.net
mit.edu: type NS, class IN, ns asia1.akam.net
mit.edu: type NS, class IN, ns asia2.akam.net
mit.edu: type NS, class IN, ns ns1-37.akam.net
mit.edu: type NS, class IN, ns ns1-173.akam.net
Additional records
eur5.akam.net: type A, class IN, addr 23.74.25.64
use2.akam.net: type A, class IN, addr 96.7.49.64
use5.akam.net: type A, class IN, addr 2.16.40.64
usw2.akam.net: type A, class IN, addr 184.26.161.64
asia1.akam.net: type A, class IN, addr 95.100.175.64
asia2.akam.net: type A, class IN, addr 95.101.36.64
ns1-37.akam.net: type A, class IN, addr 193.108.91.37

ns1-173.akam.net: type A, class IN, addr 193.108.91.173
[Request In: 18]
[Time: 0.289686209 seconds]