

No.	Time	Source	Destination	Protocol	Length	Info
172	9.054279	192.168.0.109	192.168.0.1	DNS	84	Standard query 0x0001 PTR 1.0.168.192.in-addr.arpa

Frame 172: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9), Dst: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c)
Internet Protocol Version 4, Src: 192.168.0.109, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 52019, Dst Port: 53
Domain Name System (query)
Transaction ID: 0x0001
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 0
Queries
1.0.168.192.in-addr.arpa: type PTR, class IN
[Response In: 173]

No.	Time	Source	Destination	Protocol	Length	Info
173	9.056946	192.168.0.1	192.168.0.109	DNS	133	Standard query response 0x0001 No such name PTR

1.0.168.192.in-addr.arpa SOA localhost
Frame 173: 133 bytes on wire (1064 bits), 133 bytes captured (1064 bits) on interface \Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c), Dst: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.109
User Datagram Protocol, Src Port: 53, Dst Port: 52019
Domain Name System (response)
Transaction ID: 0x0001
Flags: 0x8183 Standard query response, No such name
Questions: 1
Answer RRs: 0
Authority RRs: 1
Additional RRs: 0
Queries
1.0.168.192.in-addr.arpa: type PTR, class IN
Authoritative nameservers
168.192.in-addr.arpa: type SOA, class IN, mname localhost
Name: 168.192.in-addr.arpa
Type: SOA (Start Of a zone of Authority) (6)
Class: IN (0x0001)
Time to live: 1862 (31 minutes, 2 seconds)
Data length: 37
Primary name server: localhost
Responsible authority's mailbox: root
Serial Number: 1
Refresh Interval: 604800 (7 days)
Retry Interval: 86400 (1 day)
Expire limit: 2419200 (28 days)
Minimum TTL: 604800 (7 days)
[Request In: 172]
[Time: 0.002667000 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
174	9.060926	192.168.0.109	192.168.0.1	DNS	71	Standard query 0x0002 A www.mit.edu

Frame 174: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface \Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9), Dst: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c)
Internet Protocol Version 4, Src: 192.168.0.109, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 52020, Dst Port: 53
Domain Name System (query)
Transaction ID: 0x0002
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: 177]

No.	Time	Source	Destination	Protocol	Length	Info
177	9.391692	192.168.0.1	192.168.0.109	DNS	160	Standard query response 0x0002 A www.mit.edu CNAME

www.mit.edu.edgekey.net CNAME e9566.dscb.akamaiedge.net A 23.37.44.254
Frame 177: 160 bytes on wire (1280 bits), 160 bytes captured (1280 bits) on interface \Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c), Dst: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.109
User Datagram Protocol, Src Port: 53, Dst Port: 52020
Domain Name System (response)
Transaction ID: 0x0002
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 3
Authority RRs: 0
Additional RRs: 0
Queries
www.mit.edu: type A, class IN
Answers
www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net

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Name: www.mit.edu
Type: CNAME (Canonical NAME for an alias) (5)
Class: IN (0x0001)
Time to live: 1800 (30 minutes)
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 23.37.44.254
Name: e9566.dscb.akamaiedge.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 20 (20 seconds)
Data length: 4
Address: 23.37.44.254
[Request In: 174]
[Time: 0.330766000 seconds]
No.      Time      Source      Destination      Protocol Length Info
 178 9.398455 192.168.0.109 192.168.0.1      DNS           71      Standard query 0x0003 AAAA www.mit.edu
Frame 178: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface \Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9), Dst: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c)
Internet Protocol Version 4, Src: 192.168.0.109, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 52021, Dst Port: 53
Domain Name System (query)
  Transaction ID: 0x0003
  Flags: 0x0100 Standard query
  Questions: 1
  Answer RRs: 0
  Authority RRs: 0
  Additional RRs: 0
  Queries
    www.mit.edu: type AAAA, class IN
[Response In: 179]
No.      Time      Source      Destination      Protocol Length Info
 179 9.425277 192.168.0.1 192.168.0.109    DNS           200     Standard query response 0x0003 AAAA www.mit.edu
CNAME www.mit.edu.edgekey.net CNAME e9566.dscb.akamaiedge.net AAAA 2a02:26f0:64:59f::255e AAAA 2a02:26f0:64:596::255e
Frame 179: 200 bytes on wire (1600 bits), 200 bytes captured (1600 bits) on interface
\Device\NPF_{7C1490AF-0A46-47F1-8369-80668F8D2FD0}, id 0
Ethernet II, Src: Tp-LinkT_08:81:1c (68:ff:7b:08:81:1c), Dst: IntelCor_51:9c:e9 (d0:ab:d5:51:9c:e9)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.109
User Datagram Protocol, Src Port: 53, Dst Port: 52021
Domain Name System (response)
  Transaction ID: 0x0003
  Flags: 0x8180 Standard query response, No error
  Questions: 1
  Answer RRs: 4
  Authority RRs: 0
  Additional RRs: 0
  Queries
    www.mit.edu: type AAAA, class IN
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: 1800 (30 minutes)
    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 AAAA, class IN, addr 2a02:26f0:64:59f::255e
    Name: e9566.dscb.akamaiedge.net
    Type: AAAA (IPv6 Address) (28)
    Class: IN (0x0001)
    Time to live: 20 (20 seconds)
    Data length: 16
    AAAA Address: 2a02:26f0:64:59f::255e
  e9566.dscb.akamaiedge.net: type AAAA, class IN, addr 2a02:26f0:64:596::255e
    Name: e9566.dscb.akamaiedge.net
    Type: AAAA (IPv6 Address) (28)
    Class: IN (0x0001)
    Time to live: 20 (20 seconds)
    Data length: 16
    AAAA Address: 2a02:26f0:64:596::255e
[Request In: 178]
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[Time: 0.026822000 seconds]