

No.	Time	Source	Destination	Protocol	Length	Info
4	3.843686	192.168.0.103	192.168.0.1	DNS	84	Standard query 0x0001 PTR 1.0.168.192.in-addr.arpa

Frame 4: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78), Dst: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc)
Internet Protocol Version 4, Src: 192.168.0.103, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 60746, 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
[Response In: 5]

No.	Time	Source	Destination	Protocol	Length	Info
5	3.847122	192.168.0.1	192.168.0.103	DNS	143	Standard query response 0x0001 No such name PTR 1.0.168.192.in-addr.arpa SOA localhost

Frame 5: 143 bytes on wire (1144 bits), 143 bytes captured (1144 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc), Dst: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.103
User Datagram Protocol, Src Port: 53, Dst Port: 60746
Domain Name System (response)
Transaction ID: 0x0001
Flags: 0x8583 Standard query response, No such name
Questions: 1
Answer RRs: 0
Authority RRs: 1
Additional RRs: 0
Queries
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: 10800 (3 hours)
Data length: 47
Primary name server: localhost
Responsible authority's mailbox: nobody.invalid
Serial Number: 1
Refresh Interval: 3600 (1 hour)
Retry Interval: 1200 (20 minutes)
Expire limit: 604800 (7 days)
Minimum TTL: 10800 (3 hours)
[Request In: 4]
[Time: 0.003436000 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
6	3.848781	192.168.0.103	192.168.0.1	DNS	83	Standard query 0x0002 NS mit.edu.infopulse.local

Frame 6: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78), Dst: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc)
Internet Protocol Version 4, Src: 192.168.0.103, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 60747, 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
[Response In: 7]

No.	Time	Source	Destination	Protocol	Length	Info
7	3.882274	192.168.0.1	192.168.0.103	DNS	158	Standard query response 0x0002 No such name NS mit.edu.infopulse.local SOA a.root-servers.net

Frame 7: 158 bytes on wire (1264 bits), 158 bytes captured (1264 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc), Dst: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.103
User Datagram Protocol, Src Port: 53, Dst Port: 60747
Domain Name System (response)
Transaction ID: 0x0002
Flags: 0x8183 Standard query response, No such name
Questions: 1
Answer RRs: 0
Authority RRs: 1
Additional RRs: 0

Queries

Authoritative nameservers

<Root>: type SOA, class IN, mname a.root-servers.net
Name: <Root>
Type: SOA (Start Of a zone of Authority) (6)
Class: IN (0x0001)
Time to live: 3599 (59 minutes, 59 seconds)
Data length: 64
Primary name server: a.root-servers.net
Responsible authority's mailbox: nstld.verisign-grs.com
Serial Number: 2020061000
Refresh Interval: 1800 (30 minutes)
Retry Interval: 900 (15 minutes)
Expire limit: 604800 (7 days)
Minimum TTL: 86400 (1 day)

[Request In: 6]

[Time: 0.033493000 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
8	3.882897	192.168.0.103	192.168.0.1	DNS	67	Standard query 0x0003 NS mit.edu

Frame 8: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78), Dst: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc)
Internet Protocol Version 4, Src: 192.168.0.103, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 60748, 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

[Response In: 9]

No.	Time	Source	Destination	Protocol	Length	Info
9	3.902908	192.168.0.1	192.168.0.103	DNS	234	Standard query response 0x0003 NS mit.edu

NS asia1.akam.net NS use2.akam.net NS ns1-37.akam.net NS usw2.akam.net NS use5.akam.net NS ns1-173.akam.net NS eur5.akam.net
NS asia2.akam.net
Frame 9: 234 bytes on wire (1872 bits), 234 bytes captured (1872 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-A363854FC3CE}, id 0
Ethernet II, Src: Tp-LinkT_63:b5:fc (18:a6:f7:63:b5:fc), Dst: IntelCor_ff:28:78 (d4:6d:6d:ff:28:78)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.103
User Datagram Protocol, Src Port: 53, Dst Port: 60748

Domain Name System (response)

Transaction ID: 0x0003
Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 8
Authority RRs: 0
Additional RRs: 0

Queries

Answers

mit.edu: type NS, class IN, ns asia1.akam.net
Name: mit.edu
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 770 (12 minutes, 50 seconds)
Data length: 16
Name Server: asia1.akam.net
mit.edu: type NS, class IN, ns use2.akam.net
Name: mit.edu
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 770 (12 minutes, 50 seconds)
Data length: 7
Name Server: use2.akam.net
mit.edu: type NS, class IN, ns ns1-37.akam.net
Name: mit.edu
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 770 (12 minutes, 50 seconds)
Data length: 9
Name Server: ns1-37.akam.net
mit.edu: type NS, class IN, ns usw2.akam.net
Name: mit.edu
Type: NS (authoritative Name Server) (2)
Class: IN (0x0001)
Time to live: 770 (12 minutes, 50 seconds)
Data length: 7
Name Server: usw2.akam.net
mit.edu: type NS, class IN, ns use5.akam.net
Name: mit.edu

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    Type: NS (authoritative Name Server) (2)
    Class: IN (0x0001)
    Time to live: 770 (12 minutes, 50 seconds)
    Data length: 7
    Name Server: use5.akam.net
mit.edu: type NS, class IN, ns ns1-173.akam.net
    Name: mit.edu
    Type: NS (authoritative Name Server) (2)
    Class: IN (0x0001)
    Time to live: 770 (12 minutes, 50 seconds)
    Data length: 10
    Name Server: ns1-173.akam.net
mit.edu: type NS, class IN, ns eur5.akam.net
    Name: mit.edu
    Type: NS (authoritative Name Server) (2)
    Class: IN (0x0001)
    Time to live: 770 (12 minutes, 50 seconds)
    Data length: 7
    Name Server: eur5.akam.net
mit.edu: type NS, class IN, ns asia2.akam.net
    Name: mit.edu
    Type: NS (authoritative Name Server) (2)
    Class: IN (0x0001)
    Time to live: 770 (12 minutes, 50 seconds)
    Data length: 8
    Name Server: asia2.akam.net
[Request In: 8]
[Time: 0.020011000 seconds]
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