```
No.     Time            Source              Destination         Protocol Length Info
     44 6.014237        192.168.0.101       192.168.0.1         DNS      84     Standard query 0x0001 PTR 1.0.168.192.in-
addr.arpa
Frame 44: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b), Dst: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de)
Internet Protocol Version 4, Src: 192.168.0.101, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 49428, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x0001
    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
        1.0.168.192.in-addr.arpa: type PTR, class IN
            Name: 1.0.168.192.in-addr.arpa
            [Name Length: 24]
            [Label Count: 6]
            Type: PTR (domain name PoinTeR) (12)
            Class: IN (0x0001)
    [Response In: 45]
No.     Time            Source              Destination         Protocol Length Info
     45 6.018574        192.168.0.1         192.168.0.101       DNS      133    Standard query response 0x0001 No such name
PTR 1.0.168.192.in-addr.arpa SOA localhost
Frame 45: 133 bytes on wire (1064 bits), 133 bytes captured (1064 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de), Dst: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.101
User Datagram Protocol, Src Port: 53, Dst Port: 49428
Domain Name System (response)
    Transaction ID: 0x0001
    Flags: 0x8183 Standard query response, No such name
        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
        .... .... .... 0011 = Reply code: No such name (3)
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Queries
        1.0.168.192.in-addr.arpa: type PTR, class IN
            Name: 1.0.168.192.in-addr.arpa
            [Name Length: 24]
            [Label Count: 6]
            Type: PTR (domain name PoinTeR) (12)
            Class: IN (0x0001)
    Authoritative nameservers
    [Request In: 44]
    [Time: 0.004337000 seconds]
No.     Time            Source              Destination         Protocol Length Info
     46 6.020581        192.168.0.101       192.168.0.1         DNS      67     Standard query 0x0002 NS mit.edu
Frame 46: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b), Dst: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de)
Internet Protocol Version 4, Src: 192.168.0.101, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 49429, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x0002
    Flags: 0x0100 Standard query
        0... .... .... .... = Response: Message is a query
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        .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: 47]
No.     Time            Source              Destination         Protocol Length Info
    47 6.055463        192.168.0.1         192.168.0.101       DNS      234    Standard query response 0x0002 NS mit.edu NS
eur5.akam.net NS asia2.akam.net NS use2.akam.net NS ns1-37.akam.net NS ns1-173.akam.net NS use5.akam.net NS asia1.akam.net NS
usw2.akam.net
Frame 47: 234 bytes on wire (1872 bits), 234 bytes captured (1872 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de), Dst: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.101
User Datagram Protocol, Src Port: 53, Dst Port: 49429
Domain Name System (response)
    Transaction ID: 0x0002
    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: 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)
    Answers
    [Request In: 46]
    [Time: 0.034882000 seconds]
No.     Time            Source              Destination         Protocol Length Info
    49 6.608594        192.168.0.101       192.168.0.1         DNS      75     Standard query 0xbc8a A mail.google.com
Frame 49: 75 bytes on wire (600 bits), 75 bytes captured (600 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b), Dst: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de)
Internet Protocol Version 4, Src: 192.168.0.101, Dst: 192.168.0.1
User Datagram Protocol, Src Port: 54368, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xbc8a
    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
        mail.google.com: type A, class IN
```

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            Name: mail.google.com
            [Name Length: 15]
            [Label Count: 3]
            Type: A (Host Address) (1)
            Class: IN (0x0001)
     [Response In: 50]
No.    Time             Source              Destination          Protocol Length Info
     50 6.611075        192.168.0.1         192.168.0.101        DNS      118    Standard query response 0xbc8a
A mail.google.com CNAME googlemail.l.google.com A 216.58.209.5
Frame 50: 118 bytes on wire (944 bits), 118 bytes captured (944 bits) on interface
\Device\NPF_{93DF5BA3-6DF2-41A0-8F80-385CAAF6BF13}, id 0
Ethernet II, Src: Tp-LinkT_b2:4c:de (7c:8b:ca:b2:4c:de), Dst: HonHaiPr_93:ff:4b (90:32:4b:93:ff:4b)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.101
User Datagram Protocol, Src Port: 53, Dst Port: 54368
Domain Name System (response)
    Transaction ID: 0xbc8a
    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: 0
    Additional RRs: 0
    Queries
        mail.google.com: type A, class IN
            Name: mail.google.com
            [Name Length: 15]
            [Label Count: 3]
            Type: A (Host Address) (1)
            Class: IN (0x0001)
    Answers
    [Request In: 49]
    [Time: 0.002481000 seconds]
```