User Datagram Protocol, Src Port: 63796, Dst Port: 53

```
No.
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
      7 12.361819
                       192.168.0.103
                                             192.168.0.1
                                                                            73
                                                                                    Standard query 0xa11d A bitsy.mit.edu
Frame 7: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 63795, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xa11d
    Flags: 0x0100 Standard query
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
    [Response In: 9]
       Time
                                                                   Protocol Length Info
                       Source
                                             Destination
                                                                                   Standard query 0xa11d A bitsy.mit.edu
     8 12.386823
                       192.168.0.103
                                             192.168.0.1
                                                                   DNS
                                                                            73
Frame 8: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 63795, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xa11d
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Retransmitted request. Original request in: 7]
    [Retransmission: True]
                                                                   Protocol Length Info
No.
       Time
                                             Destination
                       Source
      9 12.395772
                       192.168.0.1
                                             192.168.0.103
                                                                   DNS
                                                                            89
                                                                                    Standard query response 0xa11d
A bitsy.mit.edu A 18.0.72.3
Frame 9: 89 bytes on wire (712 bits), 89 bytes captured (712 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: 63795
Domain Name System (response)
    Transaction ID: 0xa11d
    Flags: 0x8180 Standard query response, No error
    Ouestions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    Answers
        bitsy.mit.edu: type A, class IN, addr 18.0.72.3
    [Request In: 7]
    [Time: 0.033953000 seconds]
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     10 12.395772
                       192.168.0.1
                                             192.168.0.103
                                                                                    Standard query response 0xa11d
                                                                   DNS
                                                                            89
A bitsy.mit.edu A 18.0.72.3
Frame 10: 89 bytes on wire (712 bits), 89 bytes captured (712 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: 63795
Domain Name System (response)
    Transaction ID: 0xa11d
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Answers
        bitsy.mit.edu: type A, class IN, addr 18.0.72.3
    [Retransmitted response. Original response in: 9]
    [Retransmission: True]
                       Source
                                             Destination
No.
        Time
                                                                    Protocol Length Info
     11 12.398865
                       192.168.0.103
                                             18.0.72.3
                                                                   DNS
                                                                             82
                                                                                    Standard query 0x0001 PTR 3.72.0.18.in-
addr.arpa
Frame 11: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 18.0.72.3
```

Flags: 0x0100 Standard query

Questions: 1

```
Domain Name System (query)
    Transaction ID: 0x0001
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
No.
       Time
                                                                   Protocol Length Info
                       Source
                                             Destination
     12 14.405557
                       192.168.0.103
                                             18.0.72.3
                                                                   DNS
                                                                            90
                                                                                   Standard query 0x0002
A www.aiit.or.kr.infopulse.local
Frame 12: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 18.0.72.3
User Datagram Protocol, Src Port: 63797, 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
    Oueries
                                             Destination
                                                                   Protocol Length Info
        Time
                       Source
     14 16.407199
                       192.168.0.103
                                             18.0.72.3
                                                                   DNS
                                                                            90
                                                                                   Standard query 0x0003
AAAA www.aiit.or.kr.infopulse.local
Frame 14: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 18.0.72.3
User Datagram Protocol, Src Port: 63798, 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
    Oueries
                                                                   Protocol Length Info
No.
       Time
                       Source
                                             Destination
     16 18.410656
                       192.168.0.103
                                             18.0.72.3
                                                                   DNS
                                                                            74
                                                                                   Standard query 0x0004 A www.aiit.or.kr
Frame 16: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 18.0.72.3
User Datagram Protocol, Src Port: 63799, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x0004
    Flags: 0x0100 Standard query
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    17 20.414130
                       192.168.0.103
                                             18.0.72.3
                                                                   DNS
                                                                            74
                                                                                   Standard query 0x0005 AAAA www.aiit.or.kr
Frame 17: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 18.0.72.3
User Datagram Protocol, Src Port: 63800, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x0005
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     19 23.768954
                       192.168.0.103
                                             192,168,0,1
                                                                   DNS
                                                                            76
                                                                                   Standard query 0x12ab A dns.msftncsi.com
Frame 19: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 54202, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x12ab
```

```
Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 20]
                                                                    Protocol Length Info
                                             Destination
        Time
                       Source
     20 23.773382
                       192,168,0.1
                                             192.168.0.103
                                                                    DNS
                                                                             92
                                                                                    Standard query response 0x12ab
A dns.msftncsi.com A 131.107.255.255
Frame 20: 92 bytes on wire (736 bits), 92 bytes captured (736 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: 54202
Domain Name System (response)
    Transaction ID: 0x12ab
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    Answers
        dns.msftncsi.com: type A, class IN, addr 131.107.255.255
    [Request In: 19]
    [Time: 0.004428000 seconds]
No.
                       Source
                                             Destination
                                                                    Protocol Length Info
        Time
     25 27.972055
                       192.168.0.103
                                             192.168.0.1
                                                                    DNS
                                                                             110
                                                                                    Standard query 0xc936
SRV _ldap._tcp.CRSite._sites.dc._msdcs.infopulse.local
Frame 25: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 61118, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xc936
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 27]
No.
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     26 27.997503
                       192.168.0.103
                                             192.168.0.1
                                                                             110
                                                                                    Standard query 0xc936
SRV _ldap._tcp.CRSite._sites.dc._msdcs.infopulse.local
Frame 26: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface \Device\NPF {4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 61118, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xc936
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    [Retransmitted request. Original request in: 25]
    [Retransmission: True]
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     27 28.083661
                       192.168.0.1
                                             192.168.0.103
                                                                             185
                                                                                    Standard query response 0xc936 No such name
SRV _ldap._tcp.CRSite._sites.dc._msdcs.infopulse.local SOA a.root-servers.net
Frame 27: 185 bytes on wire (1480 bits), 185 bytes captured (1480 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: 61118
Domain Name System (response)
    Transaction ID: 0xc936
    Flags: 0x8183 Standard query response, No such name
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Oueries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Request In: 25]
    [Time: 0.111606000 seconds]
```

Protocol Length Info

No.

Time

Source

Destination

User Datagram Protocol, Src Port: 53, Dst Port: 50487

```
185
     28 28.083662
                       192.168.0.1
                                             192.168.0.103
                                                                   DNS
                                                                                    Standard query response 0xc936 No such name
SRV _ldap._tcp.CRSite._sites.dc._msdcs.infopulse.local SOA a.root-servers.net
Frame 28: 185 bytes on wire (1480 bits), 185 bytes captured (1480 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: 61118
Domain Name System (response)
    Transaction ID: 0xc936
    Flags: 0x8183 Standard query response, No such name
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Queries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Retransmitted response. Original response in: 27]
    [Retransmission: True]
                                             Destination
                                                                    Protocol Length Info
No.
       Time
                       Source
     29 28.086195
                       192.168.0.103
                                             192.168.0.1
                                                                                    Standard query 0xe8a8
SRV _ldap._tcp.dc._msdcs.infopulse.local
Frame 29: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 53675, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xe8a8
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 30]
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     30 28.090311
                       192.168.0.1
                                             192.168.0.103
                                                                    DNS
                                                                             171
                                                                                    Standard query response 0xe8a8 No such name
SRV _ldap._tcp.dc._msdcs.infopulse.local SOA a.root-servers.net
Frame 30: 171 bytes on wire (1368 bits), 171 bytes captured (1368 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: 53675
Domain Name System (response)
    Transaction ID: 0xe8a8
    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
    [Request In: 29]
    [Time: 0.004116000 seconds]
        Time
                       Source
                                             Destination
                                                                    Protocol Length Info
     31 28.092788
                       192.168.0.103
                                             192.168.0.1
                                                                    DNS
                                                                             138
                                                                                    Standard query 0x8d09 SRV _ldap._tcp.
396d0204-9d7a-4a06-8b79-b19498e73aaf.domains._msdcs.infopulse.local
Frame 31: 138 bytes on wire (1104 bits), 138 bytes captured (1104 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 50487, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x8d09
    Flags: 0x0100 Standard query
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 32]
No.
                       Source
                                             Destination
                                                                    Protocol Length Info
        Time
     32 28.096715
                       192.168.0.1
                                             192.168.0.103
                                                                    DNS
                                                                             213
                                                                                    Standard query response 0x8d09 No such name
SRV _ldap._tcp.396d0204-9d7a-4a06-8b79-b19498e73aaf.domains._msdcs.infopulse.local SOA a.root-servers.net
Frame 32: 213 bytes on wire (1704 bits), 213 bytes captured (1704 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
```

Answer RRs: 0 Authority RRs: 1

```
Domain Name System (response)
    Transaction ID: 0x8d09
    Flags: 0x8183 Standard query response, No such name
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Queries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Request In: 31]
    [Time: 0.003927000 seconds]
       Time
                                                                   Protocol Length Info
No.
                       Source
                                             Destination
     33 28.130202
                       192.168.0.103
                                             192.168.0.1
                                                                   DNS
                                                                            83
                                                                                    Standard query 0xde0b A sccm-
vm.infopulse.local
Frame 33: 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: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: 61769, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xde0b
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 35]
No.
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     34 28.154937
                       192.168.0.103
                                             192.168.0.1
                                                                   DNS
                                                                            83
                                                                                    Standard query 0xde0b A sccm-
vm.infopulse.local
Frame 34: 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: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: 61769, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0xde0b
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Retransmitted request. Original request in: 33]
    [Retransmission: True]
                                             Destination
                                                                    Protocol Length Info
        Time
                       Source
                       192.168.0.1
                                             192.168.0.103
                                                                                    Standard query response 0xde0b No such name
     35 28.233216
                                                                   DNS
                                                                            158
A sccm-vm.infopulse.local SOA a.root-servers.net
Frame 35: 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: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: 61769
Domain Name System (response)
    Transaction ID: 0xde0b
    Flags: 0x8183 Standard query response, No such name
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Oueries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Request In: 33]
    [Time: 0.103014000 seconds]
                                                                    Protocol Length Info
No.
        Time
                       Source
                                             Destination
     36 28.233216
                                             192.168.0.103
                                                                             158
                                                                                    Standard query response 0xde0b No such name
                       192.168.0.1
                                                                   DNS
A sccm-vm.infopulse.local SOA a.root-servers.net
Frame 36: 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: 61769
Domain Name System (response)
    Transaction ID: 0xde0b
    Flags: 0x8183 Standard query response, No such name
    Ouestions: 1
```

```
Additional RRs: 0
    Queries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Retransmitted response. Original response in: 35]
    [Retransmission: True]
        Time
                       Source
                                             Destination
                                                                   Protocol Length Info
     59 74.289431
                       192.168.0.103
                                             192.168.0.1
                                                                   DNS
                                                                            80
                                                                                   Standard query 0x9cec
A wpad.infopulse.local
Frame 59: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface \Device\NPF_{4411A0BE-7C39-4402-A536-
A363854FC3CE}, id 0
Ethernet II, Src: IntelCor_ff:28:78 (d4:6d: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: 55837, Dst Port: 53
Domain Name System (query)
    Transaction ID: 0x9cec
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    [Response In: 60]
                       Source
                                             Destination
                                                                   Protocol Length Info
No.
       Time
     60 74.293038
                       192.168.0.1
                                             192.168.0.103
                                                                   DNS
                                                                            155
                                                                                   Standard query response 0x9cec No such name
A wpad.infopulse.local SOA a.root-servers.net
Frame 60: 155 bytes on wire (1240 bits), 155 bytes captured (1240 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: 55837
Domain Name System (response)
    Transaction ID: 0x9cec
    Flags: 0x8183 Standard query response, No such name
    Ouestions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Oueries
    Authoritative nameservers
        <Root>: type SOA, class IN, mname a.root-servers.net
    [Request In: 59]
    [Time: 0.003607000 seconds]
```