```
No.     Time          Source                Destination           Protocol Length Info
     38 3.022444      192.168.0.104         192.168.0.1           DNS      73     Standard query 0x33d4 A bitsy.mit.edu
Frame 38: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 192.168.0.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 59
    Identification: 0x1339 (4921)
    Flags: 0x0000
    Fragment offset: 0
    Time to live: 128
    Protocol: UDP (17)
    Header checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.0.104
    Destination: 192.168.0.1
User Datagram Protocol, Src Port: 61004, Dst Port: 53
    Source Port: 61004
    Destination Port: 53
    Length: 39
    Checksum: 0x81f2 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 2]
    [Timestamps]
Domain Name System (query)
    Transaction ID: 0x33d4
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
        bitsy.mit.edu: type A, class IN
    [Response In: 46]
No.     Time          Source                Destination           Protocol Length Info
     39 3.048535      192.168.0.104         192.168.0.1           DNS      73     Standard query 0x33d4 A bitsy.mit.edu
Frame 39: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 192.168.0.1
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 59
    Identification: 0x133a (4922)
    Flags: 0x0000
    Fragment offset: 0
    Time to live: 128
    Protocol: UDP (17)
    Header checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.0.104
    Destination: 192.168.0.1
User Datagram Protocol, Src Port: 61004, Dst Port: 53
    Source Port: 61004
    Destination Port: 53
    Length: 39
    Checksum: 0x81f2 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 2]
    [Timestamps]
Domain Name System (query)
    Transaction ID: 0x33d4
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
        bitsy.mit.edu: type A, class IN
    [Retransmitted request. Original request in: 38]
    [Retransmission: True]
No.     Time          Source                Destination           Protocol Length Info
     46 3.314989      192.168.0.1           192.168.0.104         DNS      89     Standard query response 0x33d4 A bitsy.mit.edu
A 18.0.72.3
Frame 46: 89 bytes on wire (712 bits), 89 bytes captured (712 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28), Dst: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18)
Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.104
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
```

```
    Total Length: 75
    Identification: 0x415c (16732)
    Flags: 0x0000
    Fragment offset: 0
    Time to live: 59
    Protocol: UDP (17)
    Header checksum: 0xbc8c [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.0.1
    Destination: 192.168.0.104
User Datagram Protocol, Src Port: 53, Dst Port: 61004
    Source Port: 53
    Destination Port: 61004
    Length: 55
    Checksum: 0x02c1 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 2]
    [Timestamps]
Domain Name System (response)
    Transaction ID: 0x33d4
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Queries
        bitsy.mit.edu: type A, class IN
    Answers
        bitsy.mit.edu: type A, class IN, addr 18.0.72.3
            Name: bitsy.mit.edu
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 1800 (30 minutes)
            Data length: 4
            Address: 18.0.72.3
    [Request In: 38]
    [Time: 0.292545000 seconds]
No.     Time            Source               Destination          Protocol Length Info
     47 3.317280        192.168.0.104        18.0.72.3            DNS      82     Standard query 0x0001 PTR 3.72.0.18.in-addr.arpa
Frame 47: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 18.0.72.3
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 68
    Identification: 0xb742 (46914)
    Flags: 0x0000
    Fragment offset: 0
    Time to live: 128
    Protocol: UDP (17)
    Header checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.0.104
    Destination: 18.0.72.3
User Datagram Protocol, Src Port: 61005, Dst Port: 53
    Source Port: 61005
    Destination Port: 53
    Length: 48
    Checksum: 0x1b55 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 3]
    [Timestamps]
Domain Name System (query)
    Transaction ID: 0x0001
    Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
    Queries
        3.72.0.18.in-addr.arpa: type PTR, class IN
No.     Time            Source               Destination          Protocol Length Info
     64 5.321610        192.168.0.104        18.0.72.3            DNS      74     Standard query 0x0002 A www.aiit.or.kr
Frame 64: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 18.0.72.3
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 60
    Identification: 0xb743 (46915)
    Flags: 0x0000
```

```
        Fragment offset: 0
        Time to live: 128
        Protocol: UDP (17)
        Header checksum: 0x0000 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.0.104
        Destination: 18.0.72.3
User Datagram Protocol, Src Port: 61006, Dst Port: 53
        Source Port: 61006
        Destination Port: 53
        Length: 40
        Checksum: 0x1b4d [unverified]
        [Checksum Status: Unverified]
        [Stream index: 6]
        [Timestamps]
Domain Name System (query)
        Transaction ID: 0x0002
        Flags: 0x0100 Standard query
        Questions: 1
        Answer RRs: 0
        Authority RRs: 0
        Additional RRs: 0
        Queries
            www.aiit.or.kr: type A, class IN
No.     Time            Source                Destination           Protocol Length Info
    71 7.322675       192.168.0.104         18.0.72.3             DNS      74     Standard query 0x0003 AAAA www.aiit.or.kr
Frame 71: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 18.0.72.3
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        Total Length: 60
        Identification: 0xb744 (46916)
        Flags: 0x0000
        Fragment offset: 0
        Time to live: 128
        Protocol: UDP (17)
        Header checksum: 0x0000 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.0.104
        Destination: 18.0.72.3
User Datagram Protocol, Src Port: 61007, Dst Port: 53
        Source Port: 61007
        Destination Port: 53
        Length: 40
        Checksum: 0x1b4d [unverified]
        [Checksum Status: Unverified]
        [Stream index: 7]
        [Timestamps]
Domain Name System (query)
        Transaction ID: 0x0003
        Flags: 0x0100 Standard query
        Questions: 1
        Answer RRs: 0
        Authority RRs: 0
        Additional RRs: 0
        Queries
            www.aiit.or.kr: type AAAA, class IN
No.     Time            Source                Destination           Protocol Length Info
    78 9.324724       192.168.0.104         18.0.72.3             DNS      74     Standard query 0x0004 A www.aiit.or.kr
Frame 78: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 18.0.72.3
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        Total Length: 60
        Identification: 0xb745 (46917)
        Flags: 0x0000
        Fragment offset: 0
        Time to live: 128
        Protocol: UDP (17)
        Header checksum: 0x0000 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.0.104
        Destination: 18.0.72.3
User Datagram Protocol, Src Port: 61008, Dst Port: 53
        Source Port: 61008
        Destination Port: 53
        Length: 40
        Checksum: 0x1b4d [unverified]
        [Checksum Status: Unverified]
```

[Stream index: 8]
        [Timestamps]
Domain Name System (query)
        Transaction ID: 0x0004
        Flags: 0x0100 Standard query
        Questions: 1
        Answer RRs: 0
        Authority RRs: 0
        Additional RRs: 0
        Queries
            www.aiit.or.kr: type A, class IN
No.   Time   Source   Destination   Protocol Length Info
     97 11.326350   192.168.0.104   18.0.72.3   DNS   74   Standard query 0x0005 AAAA www.aiit.or.kr
Frame 97: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{C6EFBD5B-01D6-4564-B1CF-C67A6F31BDA3},
id 0
Ethernet II, Src: ASUSTekC_c7:bb:18 (74:d0:2b:c7:bb:18), Dst: Tp-LinkT_93:aa:28 (c4:6e:1f:93:aa:28)
Internet Protocol Version 4, Src: 192.168.0.104, Dst: 18.0.72.3
        0100 .... = Version: 4
        .... 0101 = Header Length: 20 bytes (5)
        Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
        Total Length: 60
        Identification: 0xb746 (46918)
        Flags: 0x0000
        Fragment offset: 0
        Time to live: 128
        Protocol: UDP (17)
        Header checksum: 0x0000 [validation disabled]
        [Header checksum status: Unverified]
        Source: 192.168.0.104
        Destination: 18.0.72.3
User Datagram Protocol, Src Port: 61009, Dst Port: 53
        Source Port: 61009
        Destination Port: 53
        Length: 40
        Checksum: 0x1b4d [unverified]
        [Checksum Status: Unverified]
        [Stream index: 9]
        [Timestamps]
Domain Name System (query)
        Transaction ID: 0x0005
        Flags: 0x0100 Standard query
        Questions: 1
        Answer RRs: 0
        Authority RRs: 0
        Additional RRs: 0
        Queries
            www.aiit.or.kr: type AAAA, class IN