```
No.
       Time
                      Source
                                             Destination
                                                                   Protocol Length Info
    36 3.749362
                      192.168.31.246
                                                                                   Standard query 0x5661 A bitsy.mit.edu
                                             192.168.31.1
                                                                   DNS
                                                                            73
Frame 36: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC}, id
0
Ethernet II, Src: IntelCor 41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX 08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 192.168.31.1
User Datagram Protocol, Src Port: 57598, Dst Port: 53
Domain Name System (query)
   Transaction ID: 0x5661
   Flags: 0x0100 Standard query
   Ouestions: 1
   Answer RRs: 0
   Authority RRs: 0
   Additional RRs: 0
   Queries
       bitsy.mit.edu: type A, class IN
           Name: bitsy.mit.edu
            [Name Length: 13]
            [Label Count: 3]
           Type: A (Host Address) (1)
           Class: IN (0x0001)
   [Response In: 40]
       Time
                                             Destination
                                                                   Protocol Length Info
    39 3.776136
                      192.168.31.246
                                             192.168.31.1
                                                                   DNS
                                                                                   Standard query 0x5661 A bitsy.mit.edu
                                                                            73
Frame 39: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC}, id
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 192.168.31.1
User Datagram Protocol, Src Port: 57598, Dst Port: 53
Domain Name System (query)
   Transaction ID: 0x5661
   Flags: 0x0100 Standard query
   Questions: 1
   Answer RRs: 0
   Authority RRs: 0
   Additional RRs: 0
   Queries
       bitsy.mit.edu: type A, class IN
           Name: bitsy.mit.edu
            [Name Length: 13]
            [Label Count: 3]
           Type: A (Host Address) (1)
           Class: IN (0x0001)
   [Retransmitted request. Original request in: 36]
   [Retransmission: True]
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    40 3.781686
                      192.168.31.1
                                             192.168.31.246
                                                                   DNS
                                                                            89
                                                                                   Standard query response 0x5661 A bitsy.mit.edu A
18.0.72.3
Frame 40: 89 bytes on wire (712 bits), 89 bytes captured (712 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC}, id
Ethernet II, Src: BeijingX_08:95:dc (50:d2:f5:08:95:dc), Dst: IntelCor_41:f5:be (74:e5:f9:41:f5:be)
Internet Protocol Version 4, Src: 192.168.31.1, Dst: 192.168.31.246
User Datagram Protocol, Src Port: 53, Dst Port: 57598
Domain Name System (response)
   Transaction ID: 0x5661
   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
           Name: bitsy.mit.edu
            [Name Length: 13]
           [Label Count: 3]
           Type: A (Host Address) (1)
           Class: IN (0x0001)
   Answers
       bitsy.mit.edu: type A, class IN, addr 18.0.72.3
           Name: bitsv.mit.edu
           Type: A (Host Address) (1)
           Class: IN (0x0001)
           Time to live: 300 (5 minutes)
           Data length: 4
           Address: 18.0.72.3
   [Request In: 36]
   [Time: 0.032324000 seconds]
                                                                   Protocol Length Info
       Time
                      Source
                                             Destination
    41 3.785650
                      192.168.31.246
                                                                                   Standard query 0x0001 PTR 3.72.0.18.in-addr.arpa
                                             18.0.72.3
                                                                   DNS
                                                                            82
Frame 41: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC}, id
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 57599, 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
       3.72.0.18.in-addr.arpa: type PTR, class IN
           Name: 3.72.0.18.in-addr.arpa
           [Name Length: 22]
            [Label Count: 6]
            Type: PTR (domain name PoinTeR) (12)
           Class: IN (0x0001)
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
    76 5.800944
                      192.168.31.246
                                             18.0.72.3
                                                                   DNS
                                                                          74
                                                                                   Standard query 0x0002 A www.aiit.or.kr
Frame 76: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC}, id
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 57600, 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.aiit.or.kr: type A, class IN
           Name: www.aiit.or.kr
           [Name Length: 14]
           [Label Count: 4]
           Type: A (Host Address) (1)
           Class: IN (0x0001)
                       Source
                                             Destination
       Time
                                                                   Protocol Length Info
   112 7.810093
                      192.168.31.246
                                             18.0.72.3
                                                                         74
                                                                                   Standard query 0x0003 AAAA www.aiit.or.kr
                                                                   DNS
Frame 112: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC},
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 57601, 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
       www.aiit.or.kr: type AAAA, class IN
           Name: www.aiit.or.kr
            [Name Length: 14]
            [Label Count: 4]
           Type: AAAA (IPv6 Address) (28)
           Class: IN (0x0001)
       Time
                      Source
                                             Destination
                                                                   Protocol Length Info
                                                                                   Standard query 0x0004 A www.aiit.or.kr
   131 9.815948
                      192.168.31.246
                                                                           74
                                             18.0.72.3
                                                                   DNS
Frame 131: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC},
id 0
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 57602, Dst Port: 53
Domain Name System (query)
   Transaction ID: 0x0004
   Flags: 0x0100 Standard query
   Questions: 1
   Answer RRs: 0
   Authority RRs: 0
   Additional RRs: 0
   Oueries
       www.aiit.or.kr: type A, class IN
           Name: www.aiit.or.kr
            [Name Length: 14]
           [Label Count: 4]
           Type: A (Host Address) (1)
           Class: IN (0x0001)
                      Source
                                             Destination
                                                                   Protocol Length Info
   143 11.822486
                      192.168.31.246
                                             18.0.72.3
                                                                   DNS
                                                                            74
                                                                                   Standard query 0x0005 AAAA www.aiit.or.kr
Frame 143: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{6AF64238-45BA-49BD-BE2D-96630DDFB1BC},
id 0
Ethernet II, Src: IntelCor_41:f5:be (74:e5:f9:41:f5:be), Dst: BeijingX_08:95:dc (50:d2:f5:08:95:dc)
Internet Protocol Version 4, Src: 192.168.31.246, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 57603, Dst Port: 53
Domain Name System (query)
   Transaction ID: 0x0005
   Flags: 0x0100 Standard query
   Questions: 1
   Answer RRs: 0
```

No.

No.

No.

Authority RRs: 0

Additional RRs: 0 Queries

www.aiit.or.kr: type AAAA, class IN
Name: www.aiit.or.kr
[Name Length: 14]
[Label Count: 4]
Type: AAAA (IPv6 Address) (28)
Class: IN (0x0001)