```
No.
       Time
                           Source
                                                  Destination
                                                                         Protocol Length Info
     1 21:43:22.027959
                           192.168.43.195
                                                  58.251.121.55
                                                                         TCP
                                                                                         53203 → irdmi(8000) [SYN]
                                                                                  66
Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
Frame 1: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version \overline{4}, Src: 192.168.43.195, Dst: 58.251.121.55
Transmission Control Protocol, Src Port: 53203 (53203), Dst Port: irdmi (8000), Seq: 0, Len: 0
No.
                           Source
                                                  Destination
                                                                         Protocol Length Info
                                                                                          http(80) → 53008 [PSH.
     2 21:43:22.697920
                           140.206.78.15
                                                  192.168.43.195
                                                                                   70
ACK] Seq=1 Ack=1 Win=322 Len=16
Frame 2: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 140.206.78.15, Dst: 192.168.43.195
Transmission Control Protocol, Src Port: http (80), Dst Port: 53008 (53008), Seq: 1, Ack: 1, Len: 16
                                                  Destination
       Time
                           Source
                                                                         Protocol Length Info
                                                  140.206.78.15
      3 21:43:22.738568
                           192.168.43.195
                                                                                  54
                                                                                          53008 → http(80) [ACK]
Seq=1 Ack=17 Win=508 Len=0
Frame 3: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version 4, Src: 192.168.43.195, Dst: 140.206.78.15
Transmission Control Protocol, Src Port: 53008 (53008), Dst Port: http (80), Seq: 1, Ack: 17, Len: 0
No.
       Time
                           Source
                                                  Destination
                                                                         Protocol Length Info
      4 21:43:23.268705
                           192.168.43.195
                                                  58.251.121.55
Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
Frame 4: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version 4, Src: 192.168.43.195, Dst: 58.251.121.55
Transmission Control Protocol, Src Port: 53202 (53202), Dst Port: irdmi (8000), Seq: 0, Len: 0
                                                  Destination
                                                                         Protocol Length Info
                           Source
      5 21:43:24.821425
                           223.166.151.90
                                                  192.168.43.195
                                                                                          OICQ Protocol
Frame 5: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 223.166.151.90, Dst: 192.168.43.195
User Datagram Protocol, Src Port: irdmi (8000), Dst Port: pda-gate (4012)
Source Port: irdmi (8000)
   Destination Port: pda-gate (4012)
   Length: 87
   Checksum: 0x5d37 [unverified]
   [Checksum Status: Unverified]
   [Stream index: 0]
   [Timestamps]
OICQ - IM software, popular in China
No.
        Time
                           Source
                                                  Destination
                                                                         Protocol Length Info
      6 21:43:24.953601
                           223.166.151.90
                                                  192.168.43.195
                                                                         OICQ
Frame 6: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 223.166.151.90, Dst: 192.168.43.195
User Datagram Protocol, Src Port: irdmi (8000), Dst Port: pda-gate (4012)
   Source Port: irdmi (8000)
   Destination Port: pda-gate (4012)
   Length: 87
   Checksum: 0x4c2c [unverified]
   [Checksum Status: Unverified]
   [Stream index: 0]
   [Timestamps]
OICQ - IM software, popular in China
No.
                                                  Destination
        Time
                           Source
                                                                         Protocol Length Info
      7 21:43:26.432967
                           223.166.151.90
                                                  192.168.43.195
                                                                         OICQ
                                                                                  121
                                                                                          OICQ Protocol
Frame 7: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 223.166.151.90, Dst: 192.168.43.195
User Datagram Protocol, Src Port: irdmi (8000), Dst Port: pda-gate (4012)
   Source Port: irdmi (8000)
   Destination Port: pda-gate (4012)
   Length: 87
   Checksum: 0x762c [unverified]
    [Checksum Status: Unverified]
   [Stream index: 0]
   [Timestamps]
OICQ - IM software, popular in China
                                                  Destination
       Time
                           Source
                                                                         Protocol Length Info
     8 21:43:26.436444
                           223.166.151.94
                                                  192.168.43.195
                                                                         OICQ
                                                                                          OICQ Protocol
Frame 8: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 223.166.151.94, Dst: 192.168.43.195
User Datagram Protocol, Src Port: irdmi (8000), Dst Port: altserviceboot (4011)
   Source Port: irdmi (8000)
   Destination Port: altserviceboot (4011)
   Length: 87
```

```
Checksum: 0x55a2 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 1]
    [Timestamps]
OICQ - IM software, popular in China
       Time
No.
                           Source
                                                   Destination
                                                                          Protocol Length Info
      9 21:43:27.756275
                            192.168.43.195
                                                   192.168.43.1
                                                                                           Standard query 0x0001 PTR
1.43.168.192.in-addr.arpa
Frame 9: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version 4, Src: 192.168.43.195, Dst: 192.168.43.1
User Datagram Protocol, Src Port: 54249 (54249), Dst Port: domain (53)
   Source Port: 54249 (54249)
   Destination Port: domain (53)
   Length: 51
   Checksum: 0x0364 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 2]
   [Timestamps]
Domain Name System (query)
   Transaction ID: 0x0001
   Flags: 0x0100 Standard query
   Questions: 1
   Answer RRs: 0
   Authority RRs: 0
   Additional RRs: 0
        1.43.168.192.in-addr.arpa: type PTR, class IN
            Name: 1.43.168.192.in-addr.arpa
            [Name Length: 25]
            [Label Count: 6]
            Type: PTR (domain name PoinTeR) (12)
            Class: IN (0x0001)
   [Response In: 10]
No.
        Time
                                                   Destination
                                                                          Protocol Length Info
    10 21:43:27.794378
                           192.168.43.1
                                                   192.168.43.195
                                                                                           Standard query response
                                                                                   85
0x0001 No such name PTR 1.43.168.192.in-addr.arpa
Frame 10: 85 bytes on wire (680 bits), 85 bytes captured (680 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 192.168.43.1, Dst: 192.168.43.195
User Datagram Protocol, Src Port: domain (53), Dst Port: 54249 (54249)
   Source Port: domain (53)
   Destination Port: 54249 (54249)
   Length: 51
   Checksum: 0x7ee0 [unverified]
    [Checksum Status: Unverified]
   [Stream index: 2]
   [Timestamps]
Domain Name System (response)
   Transaction ID: 0x0001
   Flags: 0x8583 Standard query response, No such name
   Questions: 1
   Answer RRs: 0
   Authority RRs: 0
   Additional RRs: 0
   Queries
        1.43.168.192.in-addr.arpa: type PTR, class IN
            Name: 1.43.168.192.in-addr.arpa
            [Name Length: 25]
            [Label Count: 6]
            Type: PTR (domain name PoinTeR) (12)
            Class: IN (0x0001)
    [Request In: 9]
   [Time: 0.038103000 seconds]
No.
        Time
                            Source
                                                   Destination
                                                                          Protocol Length Info
    11 21:43:27.796143
                            192.168.43.195
                                                   192.168.43.1
                                                                                   67
                                                                                           Standard query 0x0002 NS
mit.edu
Frame 11: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version 4, Src: 192.168.43.195, Dst: 192.168.43.1
User Datagram Protocol, Src Port: 54250 (54250), Dst Port: domain (53)
   Source Port: 54250 (54250)
   Destination Port: domain (53)
   Length: 33
   Checksum: 0x7ab8 [unverified]
    [Checksum Status: Unverified]
   [Stream index: 3]
   [Timestamps]
Domain Name System (query)
```

```
Transaction ID: 0x0002
   Flags: 0x0100 Standard query
   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: 12]
       Time
                           Source
                                                 Destination
                                                                        Protocol Length Info
    12 21:43:27.829727
                           192.168.43.1
                                                 192.168.43.195
                                                                        DNS
                                                                                 234
                                                                                         Standard query response
0x0002 NS mit.edu NS usw2.akam.net NS ns1-173.akam.net NS eur5.akam.net NS use2.akam.net NS ns1-37.akam.net NS
asia2.akam.net NS asia1.akam.net NS use5.akam.net
Frame 12: 234 bytes on wire (1872 bits), 234 bytes captured (1872 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 192.168.43.1, Dst: 192.168.43.195
User Datagram Protocol, Src Port: domain (53), Dst Port: 54250 (54250)
   Source Port: domain (53)
   Destination Port: 54250 (54250)
   Length: 200
   Checksum: 0xb263 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 3]
   [Timestamps]
Domain Name System (response)
   Transaction ID: 0x0002
   Flags: 0x8180 Standard query response, No error
   Questions: 1
   Answer RRs: 8
   Authority RRs: 0
   Additional RRs: 0
   Oueries
       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
       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: 1729
            Data length: 15
            Name Server: usw2.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: 1729
           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: 1729
            Data length: 7
            Name Server: eur5.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: 1729
            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: 1729
            Data length: 9
            Name Server: ns1-37.akam.net
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No.

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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: 1729
           Data length: 8
           Name Server: asia2.akam.net
       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: 1729
           Data length: 8
           Name Server: asia1.akam.net
       mit.edu: type NS, class IN, ns use5.akam.net
           Name: mit.edu
           Type: NS (authoritative Name Server) (2)
           Class: IN (0x0001)
           Time to live: 1729
           Data length: 7
           Name Server: use5.akam.net
   [Request In: 11]
   [Time: 0.033584000 seconds]
                                                                        Protocol Length Info
       Time
                           Source
                                                 Destination
    13 21:43:28.028056
                           192.168.43.195
                                                 58.251.121.55
                                                                                 66
                                                                                        [TCP Retransmission] 53203
→ irdmi(8000) [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
Frame 13: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Ethernet II, Src: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f), Dst: HuaweiTe_71:75:74 (30:74:96:71:75:74)
Internet Protocol Version 4, Src: 192.168.43.195, Dst: 58.251.121.55
Transmission Control Protocol, Src Port: 53203 (53203), Dst Port: irdmi (8000), Seq: 0, Len: 0
                           Source
                                                 Destination
                                                                        Protocol Length Info
    14 21:43:30.859533
                                                                                        OICQ Protocol
                           223.166.151.90
                                                 192.168.43.195
                                                                       OICQ
                                                                                 121
Frame 14: 121 bytes on wire (968 bits), 121 bytes captured (968 bits) on interface 0
Ethernet II, Src: HuaweiTe_71:75:74 (30:74:96:71:75:74), Dst: Cybertan_a3:2d:0f (c8:3d:d4:a3:2d:0f)
Internet Protocol Version 4, Src: 223.166.151.90, Dst: 192.168.43.195
User Datagram Protocol, Src Port: irdmi (8000), Dst Port: pda-gate (4012)
   Source Port: irdmi (8000)
   Destination Port: pda-gate (4012)
   Length: 87
   Checksum: 0xe04e [unverified]
   [Checksum Status: Unverified]
   [Stream index: 0]
   [Timestamps]
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