

No.	Time	Source	Destination	Protocol	Length	Info
3579	23.912381	192.168.88.236	192.168.88.1	DNS	73	Standard query 0x1dab A bitsy.mit.edu

Frame 3579: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 192.168.88.1  
User Datagram Protocol, Src Port: 51900, Dst Port: 53  
Domain Name System (query)  
Transaction ID: 0x1dab  
Flags: 0x0100 Standard query  
Questions: 1  
Answer RRs: 0  
Authority RRs: 0  
Additional RRs: 0  
Queries  
[Response In: 3589]

No.	Time	Source	Destination	Protocol	Length	Info
3585	23.943920	192.168.88.236	91.193.32.50	DNS	73	Standard query 0x1dab A bitsy.mit.edu

Frame 3585: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 91.193.32.50  
User Datagram Protocol, Src Port: 51900, Dst Port: 53  
Domain Name System (query)  
Transaction ID: 0x1dab  
Flags: 0x0100 Standard query  
Questions: 1  
Answer RRs: 0  
Authority RRs: 0  
Additional RRs: 0  
Queries  
[Response In: 3595]

No.	Time	Source	Destination	Protocol	Length	Info
3589	23.979053	192.168.88.1	192.168.88.236	DNS	256	Standard query response 0x1dab A bitsy.mit.edu A 18.0.72.3 NS ns1-173.akam.net NS usw2.akam.net NS use5.akam.net NS ns1-37.akam.net NS use2.akam.net NS eur5.akam.net NS asia1.akam.net NS asia2.akam.net

Frame 3589: 256 bytes on wire (2048 bits), 256 bytes captured (2048 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba), Dst: CloudNet\_21:54:15 (0c:96:e6:21:54:15)  
Internet Protocol Version 4, Src: 192.168.88.1, Dst: 192.168.88.236  
User Datagram Protocol, Src Port: 53, Dst Port: 51900  
Domain Name System (response)  
Transaction ID: 0x1dab  
Flags: 0x8180 Standard query response, No error  
Questions: 1  
Answer RRs: 1  
Authority RRs: 8  
Additional RRs: 0  
Queries  
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  
Authoritative nameservers  
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: 583 (9 minutes, 43 seconds)  
Data length: 18  
Name Server: ns1-173.akam.net  
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: 583 (9 minutes, 43 seconds)  
Data length: 7  
Name Server: usw2.akam.net  
mit.edu: type NS, class IN, ns use5.akam.net  
Name: mit.edu  
Type: NS (authoritative Name Server) (2)

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      Class: IN (0x0001)
      Time to live: 583 (9 minutes, 43 seconds)
      Data length: 7
      Name Server: use5.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: 583 (9 minutes, 43 seconds)
      Data length: 9
      Name Server: ns1-37.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: 583 (9 minutes, 43 seconds)
      Data length: 7
      Name Server: use2.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: 583 (9 minutes, 43 seconds)
      Data length: 7
      Name Server: eur5.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: 583 (9 minutes, 43 seconds)
      Data length: 8
      Name Server: asia1.akam.net
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: 583 (9 minutes, 43 seconds)
      Data length: 8
      Name Server: asia2.akam.net
[Request In: 3579]
[Time: 0.066672000 seconds]
No.      Time      Source      Destination      Protocol Length Info
 3590 23.983166 192.168.88.236 18.0.72.3      DNS      82      Standard query 0x0001 PTR 3.72.0.18.in-
addr.arpa
Frame 3590: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF_{2E82360E-7527-4C7F-8D52-
B6EC2879C24D}, id 0
Ethernet II, Src: CloudNet_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo_45:e9:ba (74:4d:28:45:e9:ba)
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 18.0.72.3
User Datagram Protocol, Src Port: 51901, 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
No.      Time      Source      Destination      Protocol Length Info
 3595 24.004914 91.193.32.50 192.168.88.236  DNS      89      Standard query response 0x1dab
A bitsy.mit.edu A 18.0.72.3
Frame 3595: 89 bytes on wire (712 bits), 89 bytes captured (712 bits) on interface \Device\NPF_{2E82360E-7527-4C7F-8D52-
B6EC2879C24D}, id 0
Ethernet II, Src: Routerbo_45:e9:ba (74:4d:28:45:e9:ba), Dst: CloudNet_21:54:15 (0c:96:e6:21:54:15)
Internet Protocol Version 4, Src: 91.193.32.50, Dst: 192.168.88.236
User Datagram Protocol, Src Port: 53, Dst Port: 51900
Domain Name System (response)
  Transaction ID: 0x1dab
  Flags: 0x8180 Standard query response, No error
  Questions: 1
  Answer RRs: 1
  Authority RRs: 0
  Additional RRs: 0
  Queries
  Answers
    bitsy.mit.edu: type A, class IN, addr 18.0.72.3
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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: 3585]
[Time: 0.060994000 seconds]
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No.	Time	Source	Destination	Protocol	Length	Info
3846	25.987146	192.168.88.236	18.0.72.3	DNS	74	Standard query 0x0002 A www.aiit.or.kr

Frame 3846: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 18.0.72.3  
User Datagram Protocol, Src Port: 51902, 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

No.	Time	Source	Destination	Protocol	Length	Info
4124	27.988892	192.168.88.236	18.0.72.3	DNS	74	Standard query 0x0003 AAAA www.aiit.or.kr

Frame 4124: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 18.0.72.3  
User Datagram Protocol, Src Port: 51903, 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  
Queries

No.	Time	Source	Destination	Protocol	Length	Info
4365	29.990746	192.168.88.236	18.0.72.3	DNS	74	Standard query 0x0004 A www.aiit.or.kr

Frame 4365: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 18.0.72.3  
User Datagram Protocol, Src Port: 51904, 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  
Queries

No.	Time	Source	Destination	Protocol	Length	Info
4683	31.991742	192.168.88.236	18.0.72.3	DNS	74	Standard query 0x0005 AAAA www.aiit.or.kr

Frame 4683: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF\_{2E82360E-7527-4C7F-8D52-B6EC2879C24D}, id 0  
Ethernet II, Src: CloudNet\_21:54:15 (0c:96:e6:21:54:15), Dst: Routerbo\_45:e9:ba (74:4d:28:45:e9:ba)  
Internet Protocol Version 4, Src: 192.168.88.236, Dst: 18.0.72.3  
User Datagram Protocol, Src Port: 51905, 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  
Queries