

No.	Time	Source	Destination	Protocol	Length	Info
233	8.153379	202.141.180.1	202.141.182.222	DNS	446	Standard query response 0x0004 NS

mit.edu NS usw2.akam.net NS ns1-37.akam.net NS ns1-173.akam.net NS use5.akam.net NS asia1.akam.net NS use2.akam.net NS
asia2.akam.net NS eur5.akam.net A 96.7.49.64 A 2.16.40.64 AAAA 2600:1403:a::40 A 193.108.91.173 AAAA 2600:1401:2::ad A
184.26.161.64 A 23.74.25.64 A 193.108.91.37 AAAA 2600:1401:2::25 A 95.101.36.64 A 95.100.175.64

Frame 233: 446 bytes on wire (3568 bits), 446 bytes captured (3568 bits) on interface \Device\NPF_{8F4CCA7D-037E-4F4A-A903-982EA39577AF}, id 0

Section number: 1

Interface id: 0 (\Device\NPF_{8F4CCA7D-037E-4F4A-A903-982EA39577AF})

Interface name: \Device\NPF_{8F4CCA7D-037E-4F4A-A903-982EA39577AF}

Interface description: WLAN

Encapsulation type: Ethernet (1)

Arrival Time: Oct 6, 2023 14:07:03.998060000 中国标准时间

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1696572423.998060000 seconds

[Time delta from previous captured frame: 0.002409000 seconds]

[Time delta from previous displayed frame: 0.002409000 seconds]

[Time since reference or first frame: 8.153379000 seconds]

Frame Number: 233

Frame Length: 446 bytes (3568 bits)

Capture Length: 446 bytes (3568 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: eth:ethertype:ip:udp:dns]

[Coloring Rule Name: UDP]

[Coloring Rule String: udp]

Ethernet II, Src: VMWare_9f:00:7f (00:50:56:9f:00:7f), Dst: LiteonTe_9d:af:b3 (74:4c:a1:9d:af:b3)

Destination: LiteonTe_9d:af:b3 (74:4c:a1:9d:af:b3)

Address: LiteonTe_9d:af:b3 (74:4c:a1:9d:af:b3)

.... ..0. = LG bit: Globally unique address (factory default)

.... ..0 = IG bit: Individual address (unicast)

Source: VMWare_9f:00:7f (00:50:56:9f:00:7f)

Address: VMWare_9f:00:7f (00:50:56:9f:00:7f)

.... ..0. = LG bit: Globally unique address (factory default)

.... ..0 = IG bit: Individual address (unicast)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 202.141.180.1, Dst: 202.141.182.222

0100 = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 432

Identification: 0xfad0 (64208)

000. = Flags: 0x0

0... = Reserved bit: Not set

.0.. = Don't fragment: Not set

..0. = More fragments: Not set

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: UDP (17)

Header Checksum: 0x7e71 [validation disabled]

[Header checksum status: Unverified]

Source Address: 202.141.180.1

Destination Address: 202.141.182.222

User Datagram Protocol, Src Port: 53, Dst Port: 49249

Source Port: 53

Destination Port: 49249

Length: 412

Checksum: 0xa62e [unverified]

[Checksum Status: Unverified]

[Stream index: 9]

[Timestamps]

[Time since first frame: 0.002409000 seconds]

[Time since previous frame: 0.002409000 seconds]

UDP payload (404 bytes)

Domain Name System (response)

Transaction ID: 0x0004

Flags: 0x8180 Standard query response, No error

1... = Response: Message is a response

.000 0... = Opcode: Standard query (0)

.... .0.. = Authoritative: Server is not an authority for domain

.... ..0. = Truncated: Message is not truncated

.... ...1 = Recursion desired: Do query recursively

.... 1... = Recursion available: Server can do recursive queries

```
.... ..0.. .... = Z: reserved (0)
.... ..0. .... = Answer authenticated: Answer/authority portion was not authenticated by the server
.... ....0 .... = Non-authenticated data: Unacceptable
.... .... 0000 = Reply code: No error (0)
```

Questions: 1

Answer RRs: 8

Authority RRs: 0

Additional RRs: 11

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)
```

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: 1765 (29 minutes, 25 seconds)
  Data length: 15
  Name Server: usw2.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: 1765 (29 minutes, 25 seconds)
  Data length: 9
  Name Server: ns1-37.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: 1765 (29 minutes, 25 seconds)
  Data length: 10
  Name Server: ns1-173.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: 1765 (29 minutes, 25 seconds)
  Data length: 7
  Name Server: use5.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: 1765 (29 minutes, 25 seconds)
  Data length: 8
  Name Server: asia1.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: 1765 (29 minutes, 25 seconds)
  Data length: 7
  Name Server: use2.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: 1765 (29 minutes, 25 seconds)
  Data length: 8
  Name Server: asia2.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: 1765 (29 minutes, 25 seconds)
  Data length: 7
  Name Server: eur5.akam.net
```

Additional records

```
use2.akam.net: type A, class IN, addr 96.7.49.64
  Name: use2.akam.net
```

Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 4034 (1 hour, 7 minutes, 14 seconds)
Data length: 4
Address: 96.7.49.64

use5.akam.net: type A, class IN, addr 2.16.40.64
Name: use5.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 48641 (13 hours, 30 minutes, 41 seconds)
Data length: 4
Address: 2.16.40.64

use5.akam.net: type AAAA, class IN, addr 2600:1403:a::40
Name: use5.akam.net
Type: AAAA (IPv6 Address) (28)
Class: IN (0x0001)
Time to live: 48641 (13 hours, 30 minutes, 41 seconds)
Data length: 16
AAAA Address: 2600:1403:a::40

ns1-173.akam.net: type A, class IN, addr 193.108.91.173
Name: ns1-173.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 4
Address: 193.108.91.173

ns1-173.akam.net: type AAAA, class IN, addr 2600:1401:2::ad
Name: ns1-173.akam.net
Type: AAAA (IPv6 Address) (28)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 16
AAAA Address: 2600:1401:2::ad

usw2.akam.net: type A, class IN, addr 184.26.161.64
Name: usw2.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 4
Address: 184.26.161.64

eur5.akam.net: type A, class IN, addr 23.74.25.64
Name: eur5.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 19265 (5 hours, 21 minutes, 5 seconds)
Data length: 4
Address: 23.74.25.64

ns1-37.akam.net: type A, class IN, addr 193.108.91.37
Name: ns1-37.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 4
Address: 193.108.91.37

ns1-37.akam.net: type AAAA, class IN, addr 2600:1401:2::25
Name: ns1-37.akam.net
Type: AAAA (IPv6 Address) (28)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 16
AAAA Address: 2600:1401:2::25

asia2.akam.net: type A, class IN, addr 95.101.36.64
Name: asia2.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 88849 (1 day, 40 minutes, 49 seconds)
Data length: 4
Address: 95.101.36.64

asia1.akam.net: type A, class IN, addr 95.100.175.64
Name: asia1.akam.net
Type: A (Host Address) (1)
Class: IN (0x0001)
Time to live: 83281 (23 hours, 8 minutes, 1 second)
Data length: 4
Address: 95.100.175.64

[Request In: 232]
[Time: 0.002409000 seconds]