

| No. | Time     | Source          | Destination   | Protocol | Length | Info                      |
|-----|----------|-----------------|---------------|----------|--------|---------------------------|
| 225 | 8.141212 | 202.141.182.222 | 202.141.180.1 | DNS      | 86     | Standard query 0x0001 PTR |

1.180.141.202.in-addr.arpa

Frame 225: 86 bytes on wire (688 bits), 86 bytes captured (688 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 14:07:03.985893000 中国标准时间

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1696572423.985893000 seconds

[Time delta from previous captured frame: 0.033383000 seconds]

[Time delta from previous displayed frame: 0.033922000 seconds]

[Time since reference or first frame: 8.141212000 seconds]

Frame Number: 225

Frame Length: 86 bytes (688 bits)

Capture Length: 86 bytes (688 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: LiteonTe\_9d:af:b3 (74:4c:a1:9d:af:b3), Dst: VMware\_9f:00:7f (00:50:56:9f:00:7f)

Destination: 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)

Source: 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)

Type: IPv4 (0x0800)

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

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: 72

Identification: 0x8ddd (36317)

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: 128

Protocol: UDP (17)

Header Checksum: 0xacc [validation disabled]

[Header checksum status: Unverified]

Source Address: 202.141.182.222

Destination Address: 202.141.180.1

User Datagram Protocol, Src Port: 49246, Dst Port: 53

Source Port: 49246

Destination Port: 53

Length: 52

Checksum: 0x8350 [unverified]

[Checksum Status: Unverified]

[Stream index: 6]

[Timestamps]

[Time since first frame: 0.000000000 seconds]

[Time since previous frame: 0.000000000 seconds]

UDP payload (44 bytes)

Domain Name System (query)

Transaction ID: 0x0001

Flags: 0x0100 Standard query

0... .... = Response: Message is a query

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

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

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

.... 0.. .... = Z: reserved (0)

.... 0 .... = Non-authenticated data: Unacceptable

Questions: 1

Answer RRs: 0

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Authority RRs: 0
Additional RRs: 0
Queries
    1.180.141.202.in-addr.arpa: type PTR, class IN
        Name: 1.180.141.202.in-addr.arpa
        [Name Length: 26]
        [Label Count: 6]
        Type: PTR (domain name PoinTeR) (12)
        Class: IN (0x0001)
[Response In: 226]
No.      Time      Source      Destination      Protocol Length Info
 226 8.144186      202.141.180.1      202.141.182.222      DNS      141      Standard query response 0x0001 No
such name PTR 1.180.141.202.in-addr.arpa SOA ns.ustc.edu.cn
Frame 226: 141 bytes on wire (1128 bits), 141 bytes captured (1128 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 14:07:03.988867000 中国标准时间
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1696572423.988867000 seconds
    [Time delta from previous captured frame: 0.002974000 seconds]
    [Time delta from previous displayed frame: 0.002974000 seconds]
    [Time since reference or first frame: 8.144186000 seconds]
    Frame Number: 226
    Frame Length: 141 bytes (1128 bits)
    Capture Length: 141 bytes (1128 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: 127
    Identification: 0xfacd (64205)
    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: 0x7fa5 [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: 49246
    Source Port: 53
    Destination Port: 49246
    Length: 107
    Checksum: 0x5fc0 [unverified]
    [Checksum Status: Unverified]
    [Stream index: 6]
    [Timestamps]
        [Time since first frame: 0.002974000 seconds]
        [Time since previous frame: 0.002974000 seconds]
    UDP payload (99 bytes)
Domain Name System (response)
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Transaction ID: 0x0001

Flags: 0x8183 Standard query response, No such name

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

.... .... .... 0011 = Reply code: No such name (3)

Questions: 1

Answer RRs: 0

Authority RRs: 1

Additional RRs: 0

Queries

1.180.141.202.in-addr.arpa: type PTR, class IN

Name: 1.180.141.202.in-addr.arpa

[Name Length: 26]

[Label Count: 6]

Type: PTR (domain name PoinTeR) (12)

Class: IN (0x0001)

Authoritative nameservers

180.141.202.in-addr.arpa: type SOA, class IN, mname ns.ustc.edu.cn

Name: 180.141.202.in-addr.arpa

Type: SOA (Start Of a zone of Authority) (6)

Class: IN (0x0001)

Time to live: 3010 (50 minutes, 10 seconds)

Data length: 43

Primary name server: ns.ustc.edu.cn

Responsible authority's mailbox: root.ustc.edu.cn

Serial Number: 11

Refresh Interval: 10800 (3 hours)

Retry Interval: 1800 (30 minutes)

Expire limit: 3600000 (41 days, 16 hours)

Minimum TTL: 86400 (1 day)

[Request In: 225]

[Time: 0.002974000 seconds]