

No.	Time	Source	Destination	Protocol	Length	Info
3	18:16:00.281184	192.168.0.104	61.128.114.134	DNS	76	Standard query 0x0002

A www.stanford.edu

Frame 3: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface \Device\NPF\_{403101F6-6522-4855-8DAA-CAE598386555}, id 0

Interface id: 0 (\Device\NPF\_{403101F6-6522-4855-8DAA-CAE598386555})

Interface name: \Device\NPF\_{403101F6-6522-4855-8DAA-CAE598386555}

Interface description: 以太网

Encapsulation type: Ethernet (1)

Arrival Time: Apr 30, 2020 18:16:00.281184000 中国标准时间

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1588241760.281184000 seconds

[Time delta from previous captured frame: 0.002133000 seconds]

[Time delta from previous displayed frame: 0.002133000 seconds]

[Time since reference or first frame: 1.163479000 seconds]

Frame Number: 3

Frame Length: 76 bytes (608 bits)

Capture Length: 76 bytes (608 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: LCFChFe\_04:33:0d (f8:75:a4:04:33:0d), Dst: Tp-LinkT\_99:ce:0e (cc:08:fb:99:ce:0e)

Destination: Tp-LinkT\_99:ce:0e (cc:08:fb:99:ce:0e)

Address: Tp-LinkT\_99:ce:0e (cc:08:fb:99:ce:0e)

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

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

Source: LCFChFe\_04:33:0d (f8:75:a4:04:33:0d)

Address: LCFChFe\_04:33:0d (f8:75:a4:04:33:0d)

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

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

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 192.168.0.104, Dst: 61.128.114.134

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: 62

Identification: 0x5675 (22133)

Flags: 0x0000

0... .... = Reserved bit: Not set

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

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: UDP (17)

Header checksum: 0x0000 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.0.104

Destination: 61.128.114.134

User Datagram Protocol, Src Port: 56841, Dst Port: 53

Source Port: 56841

Destination Port: 53

Length: 42

Checksum: 0x7152 [unverified]

[Checksum Status: Unverified]

[Stream index: 1]

[Timestamps]

[Time since first frame: 0.000000000 seconds]

[Time since previous frame: 0.000000000 seconds]

Domain Name System (query)

Transaction ID: 0x0002

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

Authority RRs: 0

Additional RRs: 0

Queries

www.stanford.edu: type A, class IN

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Name: www.stanford.edu
[Name Length: 16]
[Label Count: 3]
Type: A (Host Address) (1)
Class: IN (0x0001)
[Response In: 4]
No.      Time                Source                Destination          Protocol Length Info
  4 18:16:00.285051      61.128.114.134      192.168.0.104      DNS      258      Standard query response 0x0002
A www.stanford.edu CNAME stanfordhs17.wpengine.com CNAME lbmaster-90886.wpengine.com CNAME cluster90-
elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com A 34.231.182.179 A 35.175.160.108
Frame 4: 258 bytes on wire (2064 bits), 258 bytes captured (2064 bits) on interface \Device\NPF_{403101F6-6522-4855-8DAA-
CAE598386555}, id 0
  Interface id: 0 (\Device\NPF_{403101F6-6522-4855-8DAA-CAE598386555})
    Interface name: \Device\NPF_{403101F6-6522-4855-8DAA-CAE598386555}
    Interface description: 以太网
  Encapsulation type: Ethernet (1)
  Arrival Time: Apr 30, 2020 18:16:00.285051000 中国标准时间
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588241760.285051000 seconds
  [Time delta from previous captured frame: 0.003867000 seconds]
  [Time delta from previous displayed frame: 0.003867000 seconds]
  [Time since reference or first frame: 1.167346000 seconds]
  Frame Number: 4
  Frame Length: 258 bytes (2064 bits)
  Capture Length: 258 bytes (2064 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: Tp-LinkT_99:ce:0e (cc:08:fb:99:ce:0e), Dst: LCFCHefe_04:33:0d (f8:75:a4:04:33:0d)
  Destination: LCFCHefe_04:33:0d (f8:75:a4:04:33:0d)
    Address: LCFCHefe_04:33:0d (f8:75:a4:04:33:0d)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: Tp-LinkT_99:ce:0e (cc:08:fb:99:ce:0e)
    Address: Tp-LinkT_99:ce:0e (cc:08:fb:99:ce:0e)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 61.128.114.134, Dst: 192.168.0.104
  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: 244
  Identification: 0x5675 (22133)
  Flags: 0x0000
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. .... = More fragments: Not set
  Fragment offset: 0
  Time to live: 116
  Protocol: UDP (17)
  Header checksum: 0x7e6d [validation disabled]
  [Header checksum status: Unverified]
  Source: 61.128.114.134
  Destination: 192.168.0.104
User Datagram Protocol, Src Port: 53, Dst Port: 56841
  Source Port: 53
  Destination Port: 56841
  Length: 224
  Checksum: 0x2e58 [unverified]
  [Checksum Status: Unverified]
  [Stream index: 1]
  [Timestamps]
    [Time since first frame: 0.003867000 seconds]
    [Time since previous frame: 0.003867000 seconds]
Domain Name System (response)
  Transaction ID: 0x0002
  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

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.... 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: 5

Authority RRs: 0

Additional RRs: 0

Queries

www.stanford.edu: type A, class IN

Name: www.stanford.edu

[Name Length: 16]

[Label Count: 3]

Type: A (Host Address) (1)

Class: IN (0x0001)

Answers

www.stanford.edu: type CNAME, class IN, cname stanfordhs17.wpengengine.com

Name: www.stanford.edu

Type: CNAME (Canonical NAME for an alias) (5)

Class: IN (0x0001)

Time to live: 579 (9 minutes, 39 seconds)

Data length: 27

CNAME: stanfordhs17.wpengengine.com

stanfordhs17.wpengengine.com: type CNAME, class IN, cname lbmaster-90886.wpengengine.com

Name: stanfordhs17.wpengengine.com

Type: CNAME (Canonical NAME for an alias) (5)

Class: IN (0x0001)

Time to live: 1 (1 second)

Data length: 17

CNAME: lbmaster-90886.wpengengine.com

lbmaster-90886.wpengengine.com: type CNAME, class IN, cname cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com

Name: lbmaster-90886.wpengengine.com

Type: CNAME (Canonical NAME for an alias) (5)

Class: IN (0x0001)

Time to live: 1 (1 second)

Data length: 70

CNAME: cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com

cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com: type A, class IN, addr 34.231.182.179

Name: cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com

Type: A (Host Address) (1)

Class: IN (0x0001)

Time to live: 1 (1 second)

Data length: 4

Address: 34.231.182.179

cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com: type A, class IN, addr 35.175.160.108

Name: cluster90-elbwpeel-1jjv8xqi5kd5g-1169217295.us-east-1.elb.amazonaws.com

Type: A (Host Address) (1)

Class: IN (0x0001)

Time to live: 1 (1 second)

Data length: 4

Address: 35.175.160.108

[Request In: 3]

[Time: 0.003867000 seconds]