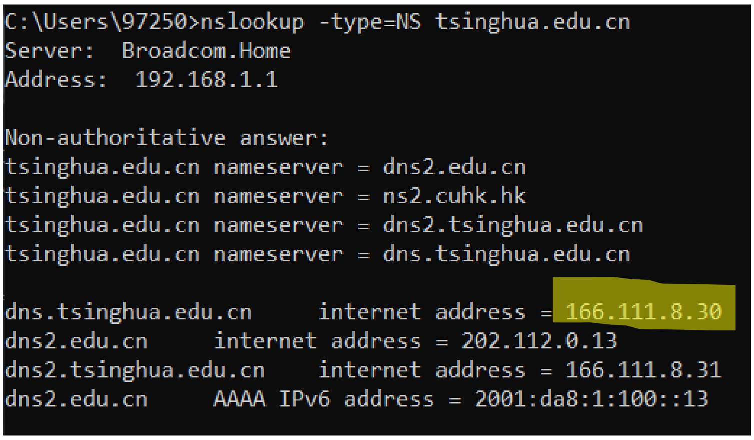
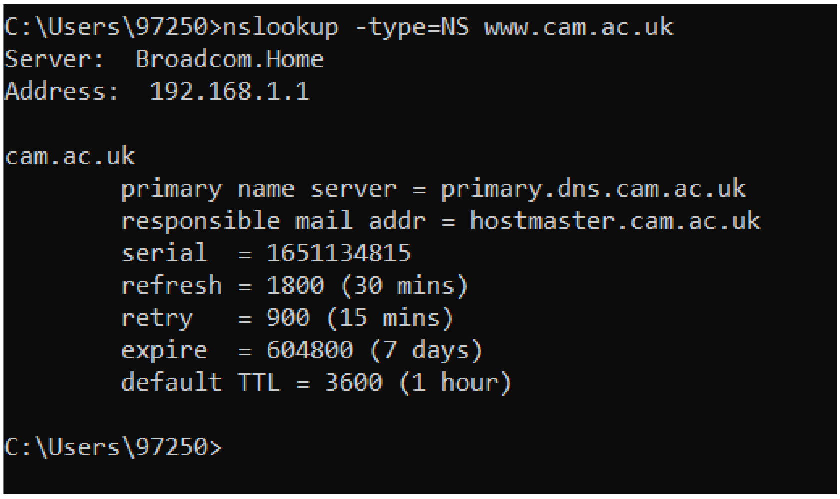
.1



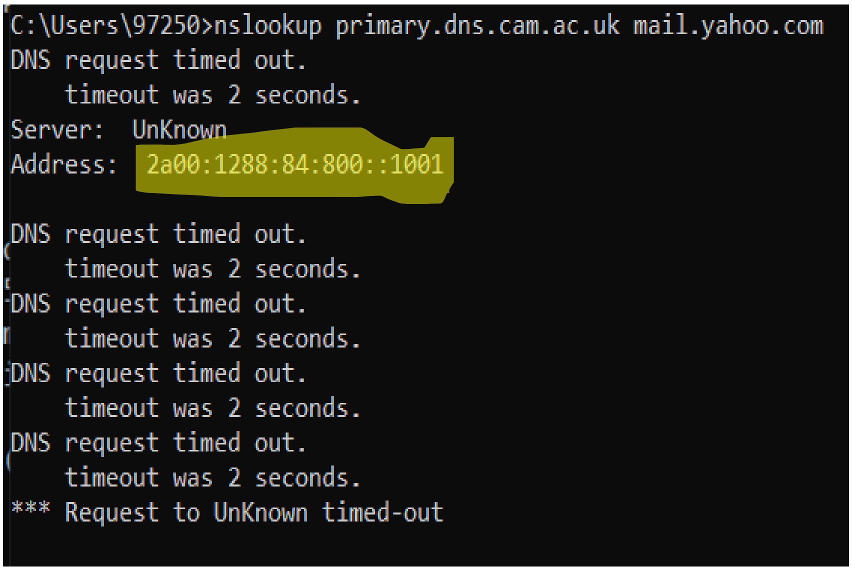
```
C:\Users\97250>nslookup -type=NS tsinghua.edu.cn
Server:  Broadcom.Home
Address:  192.168.1.1

Non-authoritative answer:
tsinghua.edu.cn nameserver = dns2.edu.cn
tsinghua.edu.cn nameserver = ns2.cuhk.hk
tsinghua.edu.cn nameserver = dns2.tsinghua.edu.cn
tsinghua.edu.cn nameserver = dns.tsinghua.edu.cn

dns.tsinghua.edu.cn     internet address = 166.111.8.30
dns2.edu.cn     internet address = 202.112.0.13
dns2.tsinghua.edu.cn    internet address = 166.111.8.31
dns2.edu.cn     AAAA IPv6 address = 2001:da8:1:100::13
```

.2

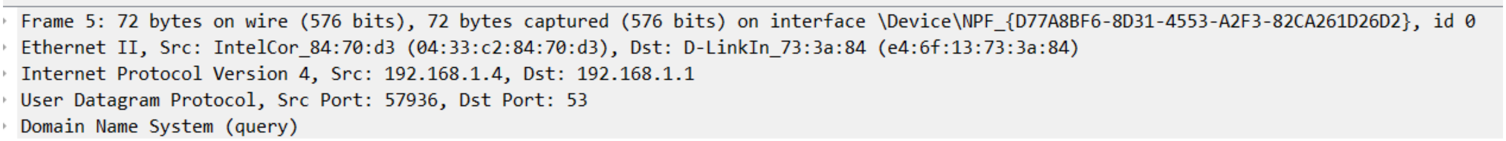


```
C:\Users\97250>nslookup -type=NS www.cam.ac.uk
Server:  Broadcom.Home
Address:  192.168.1.1

cam.ac.uk
        primary name server = primary.dns.cam.ac.uk
        responsible mail addr = hostmaster.cam.ac.uk
        serial  = 1651134815
        refresh = 1800 (30 mins)
        retry   = 900 (15 mins)
        expire  = 604800 (7 days)
        default TTL = 3600 (1 hour)

C:\Users\97250>
```

.3



```
C:\Users\97250>nslookup primary.dns.cam.ac.uk mail.yahoo.com
DNS request timed out.
    timeout was 2 seconds.
Server:  UnKnown
Address:  2a00:1288:84:800::1001

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
```

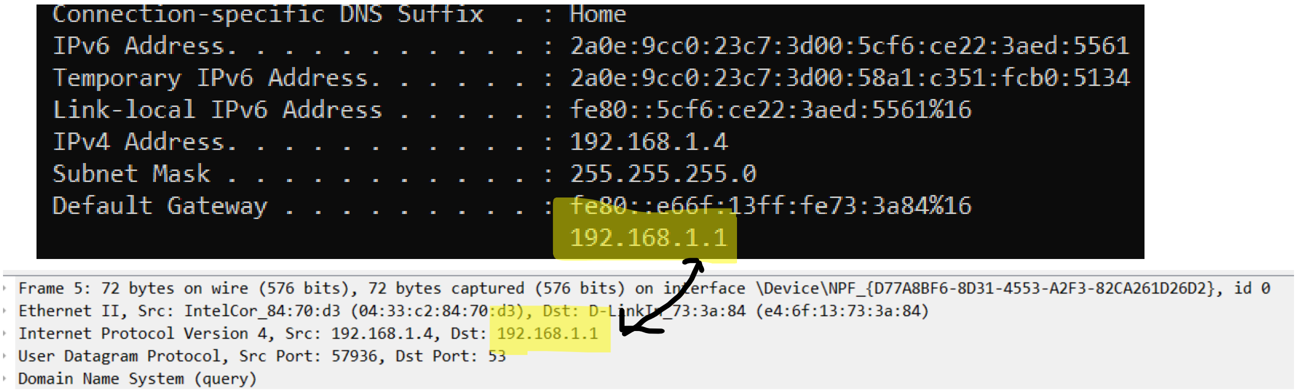


```
› Frame 5: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface \Device\NPF_{D77A8BF6-8D31-4553-A2F3-82CA261D26D2}, id 0
› Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: D-LinkIn_73:3a:84 (e4:6f:13:73:3a:84)
› Internet Protocol Version 4, Src: 192.168.1.4, Dst: 192.168.1.1
› User Datagram Protocol, Src Port: 57936, Dst Port: 53
› Domain Name System (query)
```

.UDP .4

Src port: 57936. Dest port: 53. .5

yes the are the same. .6



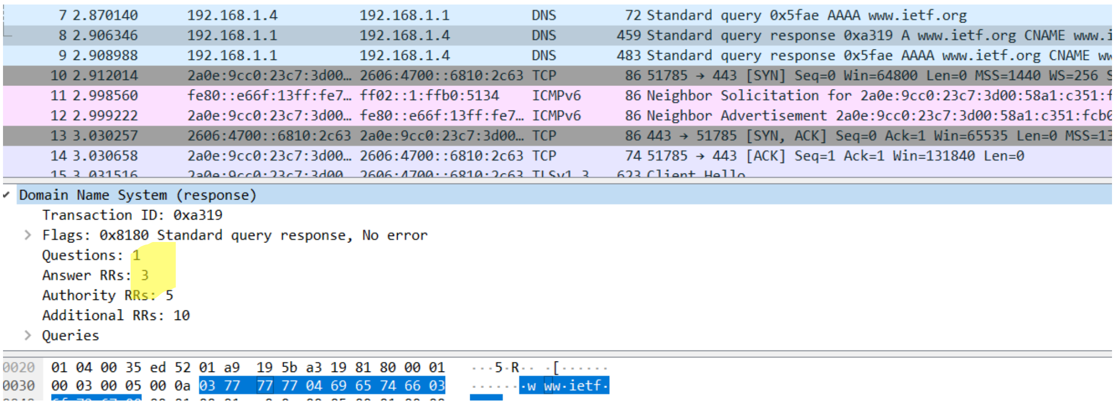
```
   Connection-specific DNS Suffix  . : Home
   IPv6 Address. . . . . . . . . . . : 2a0e:9cc0:23c7:3d00:5cf6:ce22:3aed:5561
   Temporary IPv6 Address. . . . . . : 2a0e:9cc0:23c7:3d00:58a1:c351:fcb0:5134
   Link-local IPv6 Address . . . . . : fe80::5cf6:ce22:3aed:5561%16
   IPv4 Address. . . . . . . . . . . : 192.168.1.4
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : fe80::e66f:13ff:fe73:3a84%16
                                       192.168.1.1
```

```
› Frame 5: 72 bytes on wire (576 bits), 72 bytes captured (576 bits) on interface \Device\NPF_{D77A8BF6-8D31-4553-A2F3-82CA261D26D2}, id 0
› Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: D-LinkIn_73:3a:84 (e4:6f:13:73:3a:84)
› Internet Protocol Version 4, Src: 192.168.1.4, Dst: 192.168.1.1
› User Datagram Protocol, Src Port: 57936, Dst Port: 53
› Domain Name System (query)
```

Type 'A', standard host address resource record, no answer .7

3 answer like we can see in the screen-shot. .8

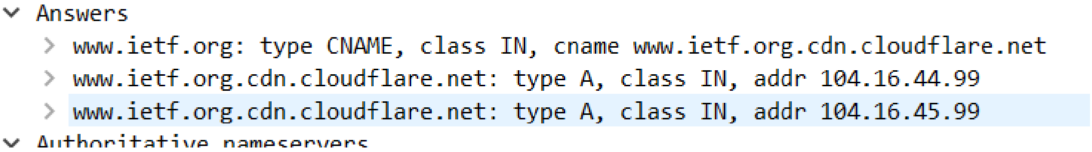
containing the IP address of www.ietf.org.



```
     7 2.870140    192.168.1.4            192.168.1.1            DNS       72 Standard query 0x5fae AAAA www.ietf.org
     8 2.906346    192.168.1.1            192.168.1.4            DNS      459 Standard query response 0xa319 A www.ietf.org CNAME www.i
     9 2.908988    192.168.1.1            192.168.1.4            DNS      483 Standard query response 0x5fae AAAA www.ietf.org CNAME ww
    10 2.912014    2a0e:9cc0:23c7:3d00…   2606:4700::6810:2c63   TCP       86 51785 → 443 [SYN] Seq=0 Win=64800 Len=0 MSS=1440 WS=256 S
    11 2.998560    fe80::e66f:13ff:fe7…   ff02::1:ffb0:5134      ICMPv6    86 Neighbor Solicitation for 2a0e:9cc0:23c7:3d00:58a1:c351:f
    12 2.999222    2a0e:9cc0:23c7:3d00…   fe80::e66f:13ff:fe7…   ICMPv6    86 Neighbor Advertisement 2a0e:9cc0:23c7:3d00:58a1:c351:fcb0
    13 3.030257    2606:4700::6810:2c63   2a0e:9cc0:23c7:3d00…   TCP       86 443 → 51785 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=13
    14 3.030658    2a0e:9cc0:23c7:3d00…   2606:4700::6810:2c63   TCP       74 51785 → 443 [ACK] Seq=1 Ack=1 Win=131840 Len=0
    15 3.031516    2a0e:9cc0:23c7:3d00…   2606:4700::6810:2c63   TLSv1.3  623 Client Hello
```

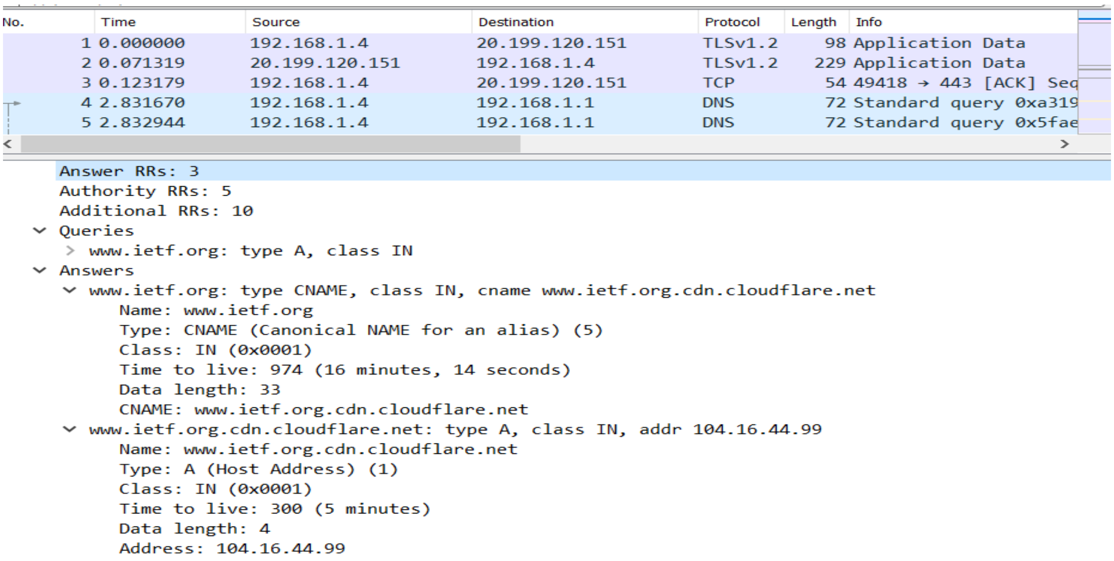
```
✓ Domain Name System (response)
     Transaction ID: 0xa319
   › Flags: 0x8180 Standard query response, No error
     Questions: 1
     Answer RRs: 3
     Authority RRs: 5
     Additional RRs: 10
   › Queries
```

```
0020  01 04 00 35 ed 52 01 a9  19 5b a3 19 81 80 00 01   ···5·R·· ·[······
0030  00 03 00 05 00 0a 03 77  77 77 04 69 65 74 66 03   ·······w ww·ietf·
```



```
∨ Answers
   › www.ietf.org: type CNAME, class IN, cname www.ietf.org.cdn.cloudflare.net
   › www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.44.99
   › www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.45.99
∨ Authoritative nameservers
```

Yes, as seen in the prior screenshot, the destination address is 104.16.44.99 which is the address provided by the DNS server for www.ietf.org. .9

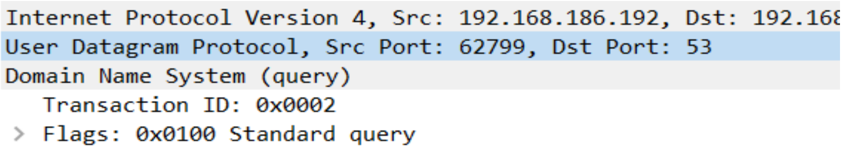


```
No.   Time        Source            Destination       Protocol  Length  Info
    1 0.000000    192.168.1.4       20.199.120.151    TLSv1.2       98 Application Data
    2 0.071319    20.199.120.151    192.168.1.4       TLSv1.2      229 Application Data
    3 0.123179    192.168.1.4       20.199.120.151    TCP           54 49418 → 443 [ACK] Seq
    4 2.831670    192.168.1.4       192.168.1.1       DNS           72 Standard query 0xa319
    5 2.832944    192.168.1.4       192.168.1.1       DNS           72 Standard query 0x5fae

    Answer RRs: 3
    Authority RRs: 5
    Additional RRs: 10
  ⌄ Queries
    > www.ietf.org: type A, class IN
  ⌄ Answers
    ⌄ www.ietf.org: type CNAME, class IN, cname www.ietf.org.cdn.cloudflare.net
        Name: www.ietf.org
        Type: CNAME (Canonical NAME for an alias) (5)
        Class: IN (0x0001)
        Time to live: 974 (16 minutes, 14 seconds)
        Data length: 33
        CNAME: www.ietf.org.cdn.cloudflare.net
    ⌄ www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.44.99
        Name: www.ietf.org.cdn.cloudflare.net
        Type: A (Host Address) (1)
        Class: IN (0x0001)
        Time to live: 300 (5 minutes)
        Data length: 4
        Address: 104.16.44.99
```

No, the images are all loaded from www.ietf.org, so no additional DNS queries. .10

עברתי מהבית לספרייה לכן ה ip של בריית המחדל השתנה..

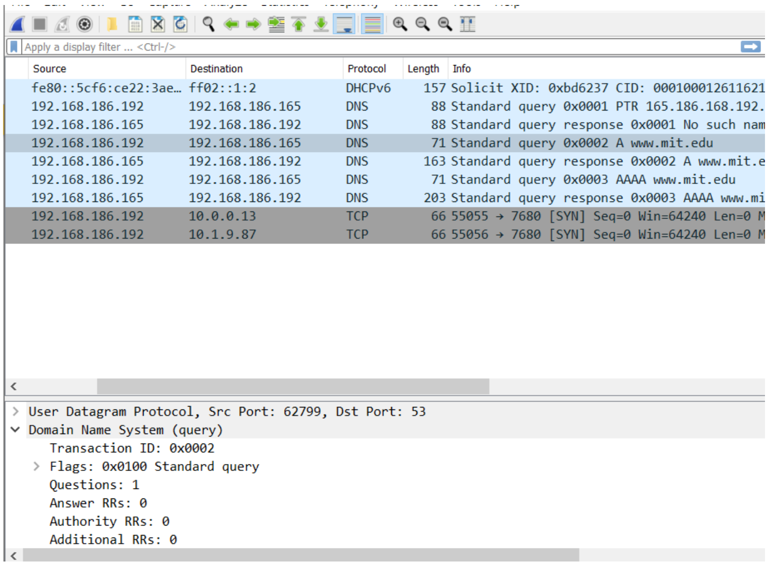
Src port: 62799 dest port: 53 .11



```
Internet Protocol Version 4, Src: 192.168.186.192, Dst: 192.168
User Datagram Protocol, Src Port: 62799, Dst Port: 53
Domain Name System (query)
   Transaction ID: 0x0002
 > Flags: 0x0100 Standard query
```

Yes, 192.168.186.165 .12

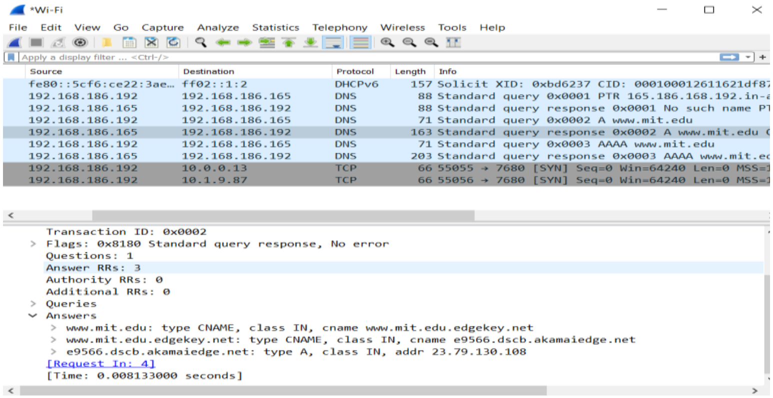
Standard type A query (see screenshot). The message only contains a query. .13



```
Source              Destination       Protocol  Length Info
fe80::5cf6:ce22:3ae… ff02::1:2        DHCPv6       157 Solicit XID: 0xbd6237 CID: 000100012611621
192.168.186.192     192.168.186.165   DNS           88 Standard query 0x0001 PTR 165.186.168.192.
192.168.186.165     192.168.186.192   DNS           88 Standard query response 0x0001 No such nam
192.168.186.192     192.168.186.165   DNS           71 Standard query 0x0002 A www.mit.edu
192.168.186.165     192.168.186.192   DNS          163 Standard query response 0x0002 A www.mit.e
192.168.186.192     192.168.186.165   DNS           71 Standard query 0x0003 AAAA www.mit.edu
192.168.186.165     192.168.186.192   DNS          203 Standard query response 0x0003 AAAA www.mi
192.168.186.192     10.0.0.13         TCP           66 55055 → 7680 [SYN] Seq=0 Win=64240 Len=0 M
192.168.186.192     10.1.9.87         TCP           66 55056 → 7680 [SYN] Seq=0 Win=64240 Len=0 M

> User Datagram Protocol, Src Port: 62799, 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
```

Three answers ,two corre sponding to CNAMEs and one host address .14

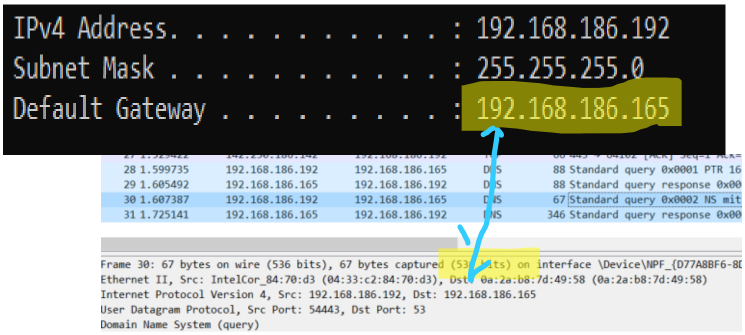
.15



```
Source                   Destination      Protocol  Length Info
fe80::5cf6:ce22:3ae…    ff02::1:2        DHCPv6     157 Solicit XID: 0xbd6237 CID: 000100012611621df87
192.168.186.192          192.168.186.165  DNS         88 Standard query 0x0001 PTR 165.186.168.192.in-a
192.168.186.165          192.168.186.192  DNS         88 Standard query response 0x0001 No such name PT
192.168.186.192          192.168.186.165  DNS         71 Standard query 0x0002 A www.mit.edu
192.168.186.165          192.168.186.192  DNS        163 Standard query response 0x0002 A www.mit.edu C
192.168.186.192          192.168.186.165  DNS         71 Standard query 0x0003 AAAA www.mit.edu
192.168.186.165          192.168.186.192  DNS        203 Standard query response 0x0003 AAAA www.mit.ed
192.168.186.192          10.0.0.13        TCP         66 55055 → 7680 [SYN] Seq=0 Win=64240 Len=0 MSS=1
192.168.186.192          10.1.9.87        TCP         66 55056 → 7680 [SYN] Seq=0 Win=64240 Len=0 MSS=1

    Transaction ID: 0x0002
  > Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 3
    Authority RRs: 0
    Additional RRs: 0
  > Queries
  ˅ Answers
      > www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net
      > www.mit.edu.edgekey.net: type CNAME, class IN, cname e9566.dscb.akamaiedge.net
      > e9566.dscb.akamaiedge.net: type A, class IN, addr 23.79.130.108
    [Request In: 4]
    [Time: 0.008133000 seconds]
```

*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
Apply a display filter ... <Ctrl-/>

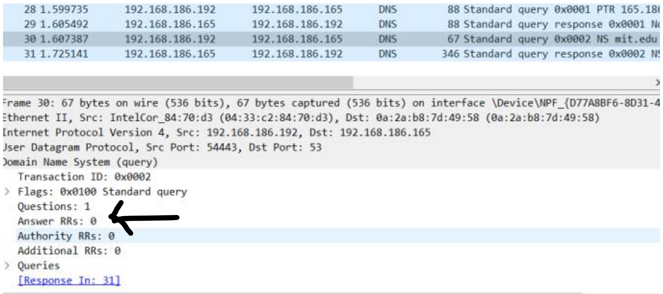
Yes 192.168.186.165 .16



```
IPv4 Address. . . . . . . . . . . : 192.168.186.192
Subnet Mask . . . . . . . . . . . : 255.255.255.0
Default Gateway . . . . . . . . . : 192.168.186.165
```

```
28 1.599735   192.168.186.192   192.168.186.165   DNS    88 Standard query 0x0001 PTR 16
29 1.605492   192.168.186.165   192.168.186.192   DNS    88 Standard query response 0x00
30 1.607387   192.168.186.192   192.168.186.165   DNS    67 Standard query 0x0002 NS mit
31 1.725141   192.168.186.165   192.168.186.192   DNS   346 Standard query response 0x00

Frame 30: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface \Device\NPF_{D77A8BF6-8D
Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: 0a:2a:b8:7d:49:58 (0a:2a:b8:7d:49:58)
Internet Protocol Version 4, Src: 192.168.186.192, Dst: 192.168.186.165
User Datagram Protocol, Src Port: 54443, Dst Port: 53
Domain Name System (query)
```

Standard type A query (see screenshot). The message only contains a query. .17

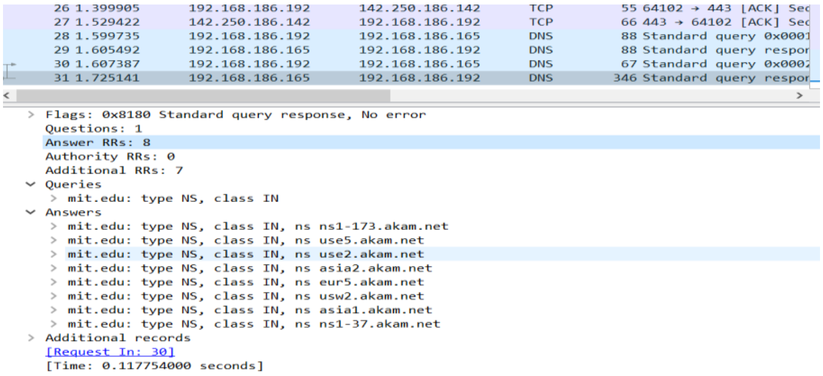


```
28 1.599735   192.168.186.192   192.168.186.165   DNS    88 Standard query 0x0001 PTR 165.18
29 1.605492   192.168.186.165   192.168.186.192   DNS    88 Standard query response 0x0001 N
30 1.607387   192.168.186.192   192.168.186.165   DNS    67 Standard query 0x0002 NS mit.edu
31 1.725141   192.168.186.165   192.168.186.192   DNS   346 Standard query response 0x0002 NS

Frame 30: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface \Device\NPF_{D77A8BF6-8D31-4
Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: 0a:2a:b8:7d:49:58 (0a:2a:b8:7d:49:58)
Internet Protocol Version 4, Src: 192.168.186.192, Dst: 192.168.186.165
User Datagram Protocol, Src Port: 54443, 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
    [Response In: 31]
```

answer do not have mit IP addresses .18

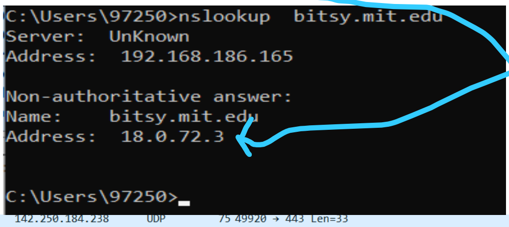
8 corre sponding to ns answer

.19

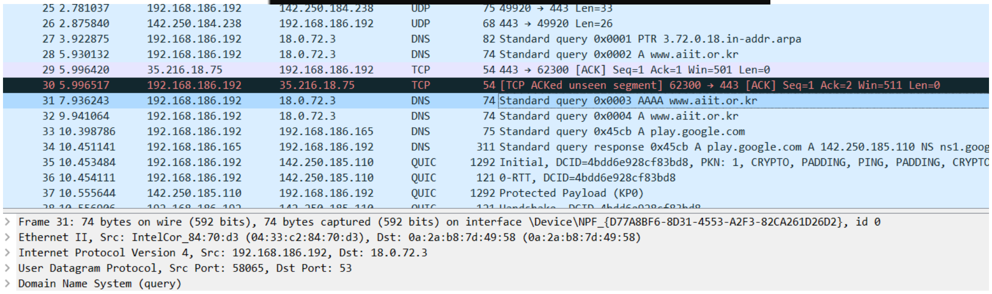


```
26 1.399905   192.168.186.192   142.250.186.142   TCP    55 64102 → 443 [ACK] Sec
27 1.529422   142.250.186.142   192.168.186.192   TCP    66 443 → 64102 [ACK] Sec
28 1.599735   192.168.186.192   192.168.186.165   DNS    88 Standard query 0x0001
29 1.605492   192.168.186.165   192.168.186.192   DNS    88 Standard query respor
30 1.607387   192.168.186.192   192.168.186.165   DNS    67 Standard query 0x0002
31 1.725141   192.168.186.165   192.168.186.192   DNS   346 Standard query respor

> Flags: 0x8180 Standard query response, No error
  Questions: 1
  Answer RRs: 8
  Authority RRs: 0
  Additional RRs: 7
v Queries
    > mit.edu: type NS, class IN
v Answers
    > mit.edu: type NS, class IN, ns ns1-173.akam.net
    > mit.edu: type NS, class IN, ns use5.akam.net
    > mit.edu: type NS, class IN, ns use2.akam.net
    > mit.edu: type NS, class IN, ns asia2.akam.net
    > mit.edu: type NS, class IN, ns eur5.akam.net
    > mit.edu: type NS, class IN, ns usw2.akam.net
    > mit.edu: type NS, class IN, ns asia1.akam.net
    > mit.edu: type NS, class IN, ns ns1-37.akam.net
> Additional records
  [Request In: 30]
  [Time: 0.117754000 seconds]
```

different, address know its sent to 18.0.72.3 because we ask him to connect .20
through other DNS server.
its comper to the DNS of bitsy.mit.edu..

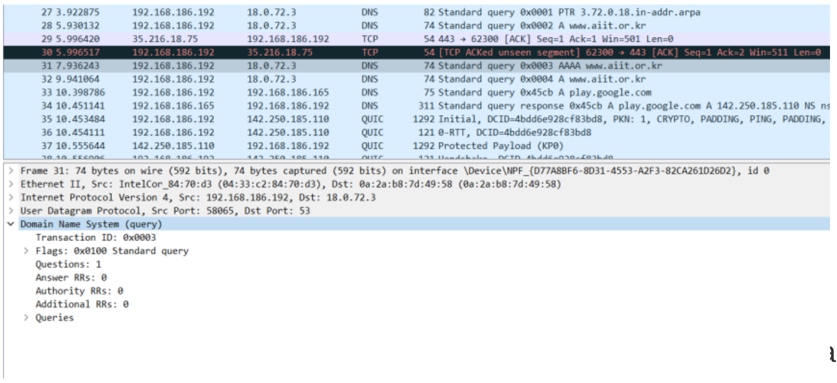


```
C:\Users\97250>nslookup  bitsy.mit.edu
Server:  UnKnown
Address:  192.168.186.165

Non-authoritative answer:
Name:    bitsy.mit.edu
Address:  18.0.72.3

C:\Users\97250>
```



```
25 2.781037    192.168.186.192   142.250.184.238   UDP     75 49920 → 443 Len=33
26 2.875840    142.250.184.238   192.168.186.192   UDP     68 443 → 49920 Len=26
27 3.922875    192.168.186.192   18.0.72.3         DNS     82 Standard query 0x0001 PTR 3.72.0.18.in-addr.arpa
28 5.930132    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0002 A www.aiit.or.kr
29 5.996420    35.216.18.75      192.168.186.192   TCP     54 443 → 62300 [ACK] Seq=1 Ack=1 Win=501 Len=0
30 5.996517    192.168.186.192   35.216.18.75      TCP     54 [TCP ACKed unseen segment] 62300 → 443 [ACK] Seq=1 Ack=2 Win=511 Len=0
31 7.936243    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0003 AAAA www.aiit.or.kr
32 9.941064    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0004 A www.aiit.or.kr
33 10.398786   192.168.186.192   192.168.186.165   DNS     75 Standard query 0x45cb A play.google.com
34 10.451141   192.168.186.165   192.168.186.192   DNS    311 Standard query response 0x45cb A play.google.com A 142.250.185.110 NS ns1.goog
35 10.453484   192.168.186.192   142.250.185.110   QUIC  1292 Initial, DCID=4bdd6e928cf83bd8, PKN: 1, CRYPTO, PADDING, PING, PADDING, CRYPTC
36 10.454111   192.168.186.192   142.250.185.110   QUIC   121 0-RTT, DCID=4bdd6e928cf83bd8
37 10.555644   142.250.185.110   192.168.186.192   QUIC  1292 Protected Payload (KP0)

> Frame 31: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{D77A8BF6-8D31-4553-A2F3-82CA261D26D2}, id 0
> Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: 0a:2a:b8:7d:49:58 (0a:2a:b8:7d:49:58)
> Internet Protocol Version 4, Src: 192.168.186.192, Dst: 18.0.72.3
> User Datagram Protocol, Src Port: 58065, Dst Port: 53
> Domain Name System (query)
```

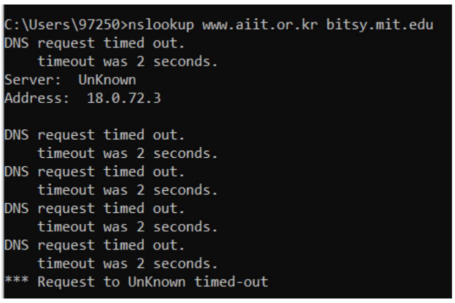
Standard type A query (see screenshot). The message only contains a query. .21



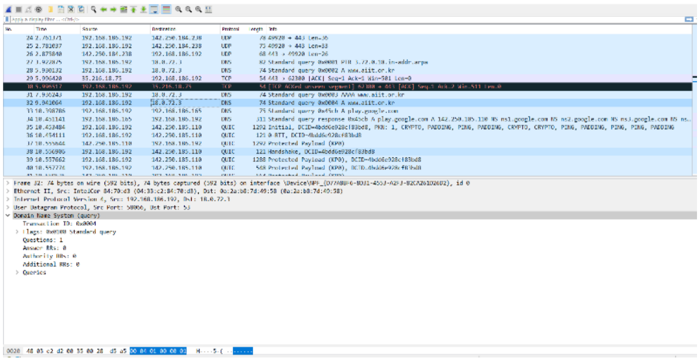
```
27 3.922875    192.168.186.192   18.0.72.3         DNS     82 Standard query 0x0001 PTR 3.72.0.18.in-addr.arpa
28 5.930132    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0002 A www.aiit.or.kr
29 5.996420    35.216.18.75      192.168.186.192   TCP     54 443 → 62300 [ACK] Seq=1 Ack=1 Win=501 Len=0
30 5.996517    192.168.186.192   35.216.18.75      TCP     54 [TCP ACKed unseen segment] 62300 → 443 [ACK] Seq=1 Ack=2 Win=511 Len=0
31 7.936243    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0003 AAAA www.aiit.or.kr
32 9.941064    192.168.186.192   18.0.72.3         DNS     74 Standard query 0x0004 A www.aiit.or.kr
33 10.398786   192.168.186.192   192.168.186.165   DNS     75 Standard query 0x45cb A play.google.com
34 10.451141   192.168.186.165   192.168.186.192   DNS    311 Standard query response 0x45cb A play.google.com A 142.250.185.110 NS ns
35 10.453484   192.168.186.192   142.250.185.110   QUIC  1292 Initial, DCID=4bdd6e928cf83bd8, PKN: 1, CRYPTO, PADDING, PING, PADDING,
36 10.454111   192.168.186.192   142.250.185.110   QUIC   121 0-RTT, DCID=4bdd6e928cf83bd8
37 10.555644   142.250.185.110   192.168.186.192   QUIC  1292 Protected Payload (KP0)

> Frame 31: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{D77A8BF6-8D31-4553-A2F3-82CA261D26D2}, id 0
> Ethernet II, Src: IntelCor_84:70:d3 (04:33:c2:84:70:d3), Dst: 0a:2a:b8:7d:49:58 (0a:2a:b8:7d:49:58)
> Internet Protocol Version 4, Src: 192.168.186.192, Dst: 18.0.72.3
> User Datagram Protocol, Src Port: 58065, Dst Port: 53
v Domain Name System (query)
    Transaction ID: 0x0003
  > Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
  > Queries
```

ıges. .22

.23



```
C:\Users\97250>nslookup www.aiit.or.kr bitsy.mit.edu
DNS request timed out.
    timeout was 2 seconds.
Server:  UnKnown
Address:  18.0.72.3

DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
DNS request timed out.
    timeout was 2 seconds.
*** Request to UnKnown timed-out
```



```
No.   Time        Source           Destination      Protocol Length Info
   24 2.761371    192.168.186.192  142.250.184.238  UDP        78 49920 → 443 Len=36
   25 2.781037    192.168.186.192  142.250.184.238  UDP        75 49920 → 443 Len=33
   26 2.875848    142.250.184.238  192.168.186.192  UDP        68 443 → 49920 Len=26
   27 3.922875    192.168.186.192  18.0.72.3        DNS        82 Standard query 0x0001 PTR 3.72.0.18.in-addr.arpa
   28 5.930132    192.168.186.192  18.0.72.3        DNS        74 Standard query 0x0002 A www.aiit.or.kr
   29 5.996428    35.216.18.75     192.168.186.192  TCP        54 443 → 62380 [ACK] Seq=1 Ack=1 Win=501 Len=0
   30 5.996517    192.168.186.192  35.216.18.75     TCP        54 [TCP ACKed unseen segment] 62380 → 443 [ACK] Seq=1 Ack=2 Win=511 Len=0
   31 7.930243    192.168.186.192  18.0.72.3        DNS        74 Standard query 0x0003 AAAA www.aiit.or.kr
   32 9.941064    192.168.186.192  18.0.72.3        DNS        74 Standard query 0x0004 A www.aiit.or.kr
   33 10.398786   192.168.186.192  192.168.186.165  DNS        75 Standard query 0x45cb A play.google.com
   34 10.451141   192.168.186.165  192.168.186.192  DNS       311 Standard query response 0x45cb A play.google.com A 142.250.185.110 NS ns1.google.com NS ns2.google.com NS ns3.google.com NS ns…
   35 10.453484   192.168.186.192  142.250.185.110  QUIC     1292 Initial, DCID=4bdd6e928cf83bd8, PKN: 1, CRYPTO, PADDING, PING, PADDING, CRYPTO, CRYPTO, PING, PADDING, PING, PING, PADDING
   36 10.454111   192.168.186.192  142.250.185.110  QUIC      121 0-RTT, DCID=4bdd6e928cf83bd8
   37 10.555644   142.250.185.110  192.168.186.192  QUIC     1292 Protected Payload (KP0)
   38 10.556986   192.168.186.192  142.250.185.110  QUIC      121 Handshake, DCID=4bdd6e928cf83bd8
   39 10.557662   192.168.186.192  142.250.185.110  QUIC     1288 Protected Payload (KP0), DCID=4bdd6e928cf83bd8
   40 10.557774   192.168.186.192  142.250.185.110  QUIC      548 Protected Payload (KP0), DCID=4bdd6e928cf83bd8

> Frame 32: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface \Device\NPF_{D77A88F6-8D31-4553-A2F3-82CA261D2602}, id 0
> Ethernet II, Src: IntelCor 84:70:d3 (04:33:c2:84:70:d3), Dst: 0a:2a:b8:7d:49:58 (0a:2a:b8:7d:49:58)
> Internet Protocol Version 4, Src: 192.168.186.192, Dst: 18.0.72.3
> User Datagram Protocol, Src Port: 58066, Dst Port: 53
v Domain Name System (query)
    Transaction ID: 0x0004
  > Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
  > Queries

0020  48 03 c2 d2 00 35 00 28  d5 a5 00 04 01 00 00 01   H....5.( ......
```