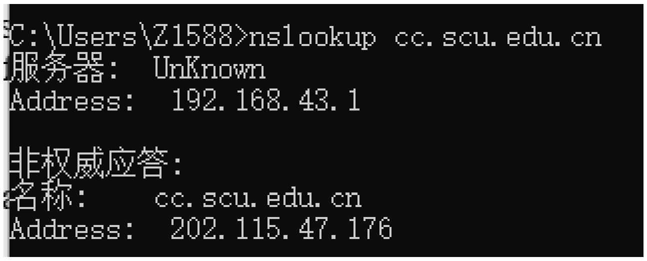
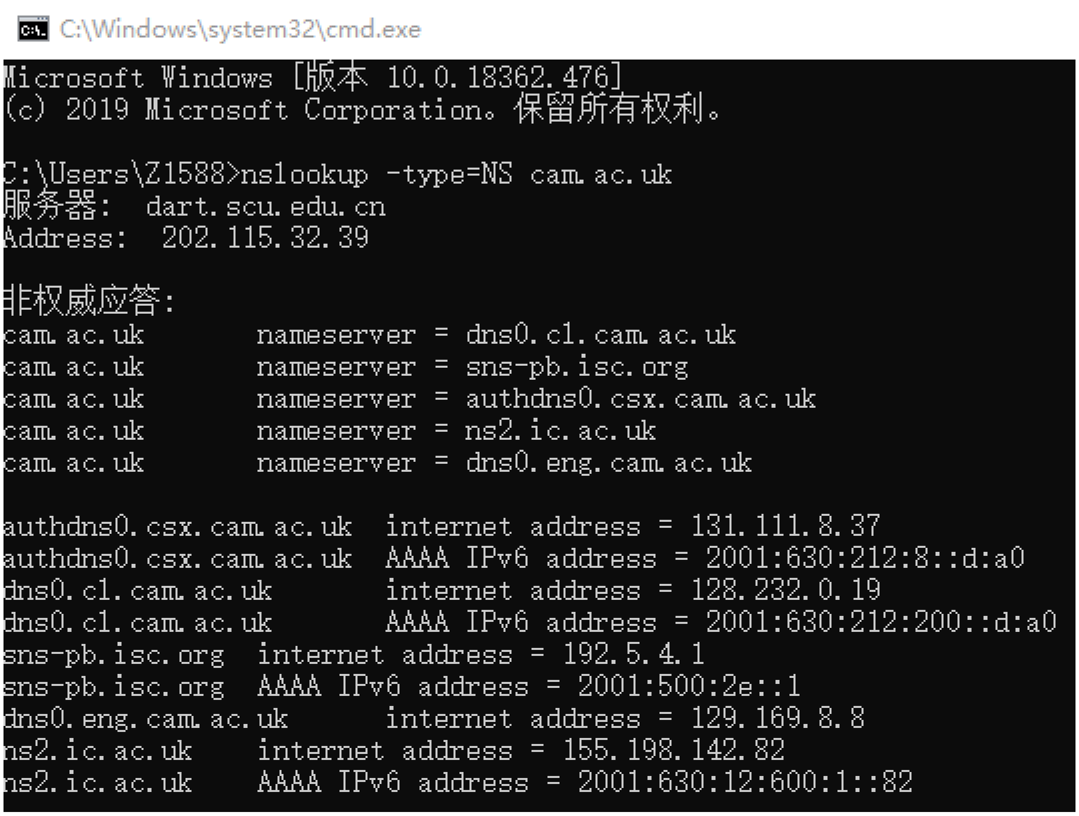
1. Run *nslookup* to obtain the IP address of a Web server in Asia. What is the IP address of that server?

202.115.47.176



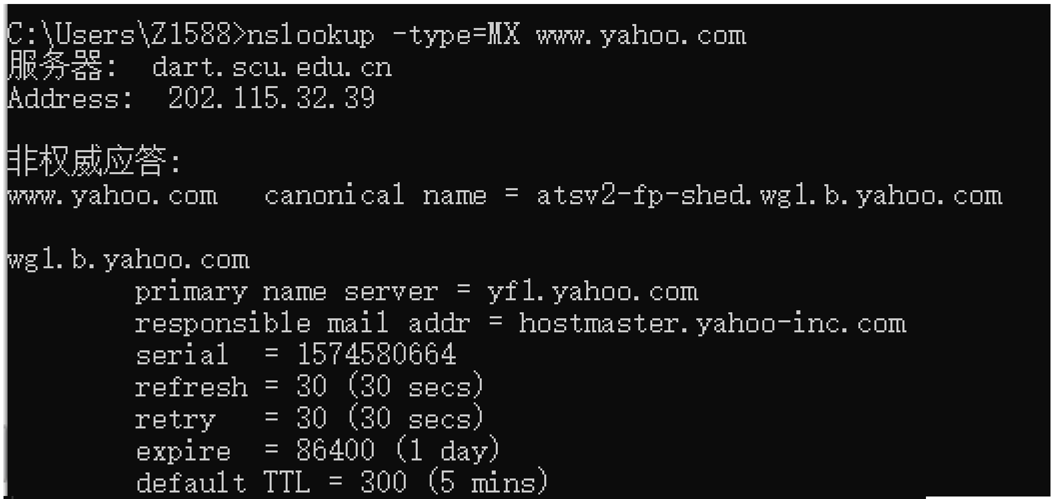
```
C:\Users\Z1588>nslookup cc.scu.edu.cn
服务器:  UnKnown
Address:  192.168.43.1

非权威应答:
名称:    cc.scu.edu.cn
Address:  202.115.47.176
```

2. Run *nslookup* to determine the authoritative DNS servers for a university in Europe.

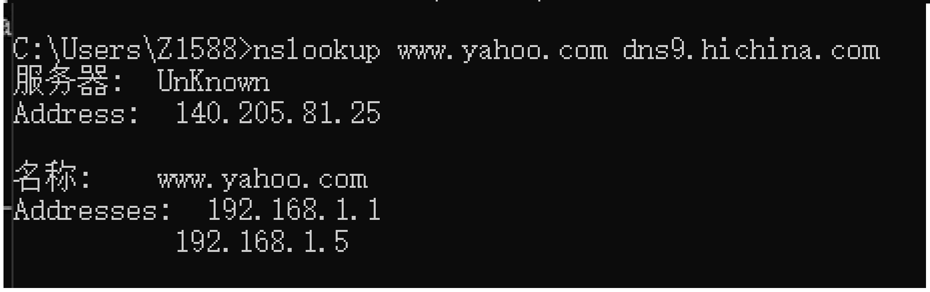


```
Microsoft Windows [版本 10.0.18362.476]
(c) 2019 Microsoft Corporation。保留所有权利。

C:\Users\Z1588>nslookup -type=NS cam.ac.uk
服务器:  dart.scu.edu.cn
Address:  202.115.32.39

非权威应答:
cam.ac.uk       nameserver = dns0.cl.cam.ac.uk
cam.ac.uk       nameserver = sns-pb.isc.org
cam.ac.uk       nameserver = authdns0.csx.cam.ac.uk
cam.ac.uk       nameserver = ns2.ic.ac.uk
cam.ac.uk       nameserver = dns0.eng.cam.ac.uk

authdns0.csx.cam.ac.uk  internet address = 131.111.8.37
authdns0.csx.cam.ac.uk  AAAA IPv6 address = 2001:630:212:8::d:a0
dns0.cl.cam.ac.uk       internet address = 128.232.0.19
dns0.cl.cam.ac.uk       AAAA IPv6 address = 2001:630:212:200::d:a0
sns-pb.isc.org  internet address = 192.5.4.1
sns-pb.isc.org  AAAA IPv6 address = 2001:500:2e::1
dns0.eng.cam.ac.uk      internet address = 129.169.8.8
ns2.ic.ac.uk    internet address = 155.198.142.82
ns2.ic.ac.uk    AAAA IPv6 address = 2001:630:12:600:1::82
```

3. Run *nslookup* so that one of the DNS servers obtained in Question 2 is queried for the mail servers for Yahoo! mail.   What is its IP address?
   IP 地址是 192.168.1.1 和 192.168.1.5



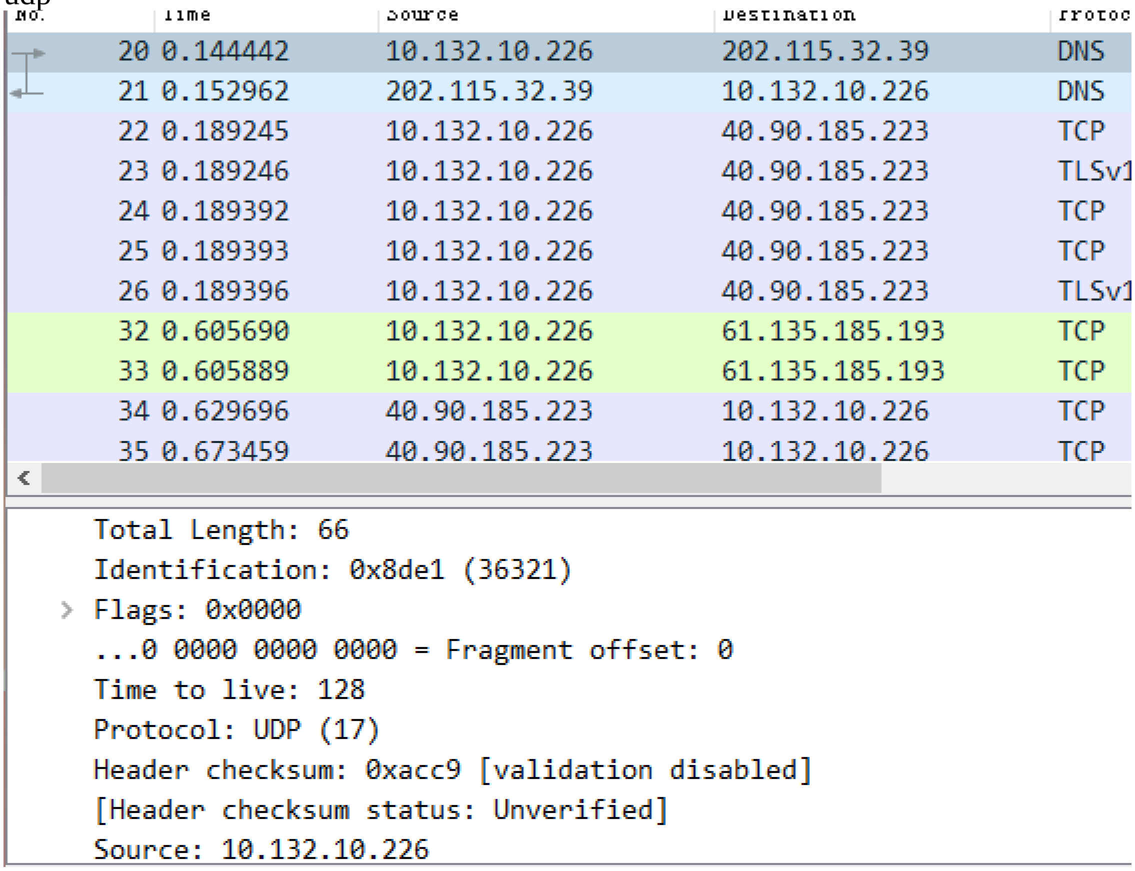
```
C:\Users\Z1588>nslookup -type=MX www.yahoo.com
服务器:  dart.scu.edu.cn
Address:  202.115.32.39

非权威应答:
www.yahoo.com   canonical name = atsv2-fp-shed.wg1.b.yahoo.com

wg1.b.yahoo.com
        primary name server = yf1.yahoo.com
        responsible mail addr = hostmaster.yahoo-inc.com
        serial  = 1574580664
        refresh = 30 (30 secs)
        retry   = 30 (30 secs)
        expire  = 86400 (1 day)
        default TTL = 300 (5 mins)
```



```
C:\Users\Z1588>nslookup www.yahoo.com dns9.hichina.com
服务器:  UnKnown
Address:  140.205.81.25

名称:    www.yahoo.com
Addresses:  192.168.1.1
          192.168.1.5
```

4. Locate the DNS query and response messages. Are then sent over UDP or TCP?

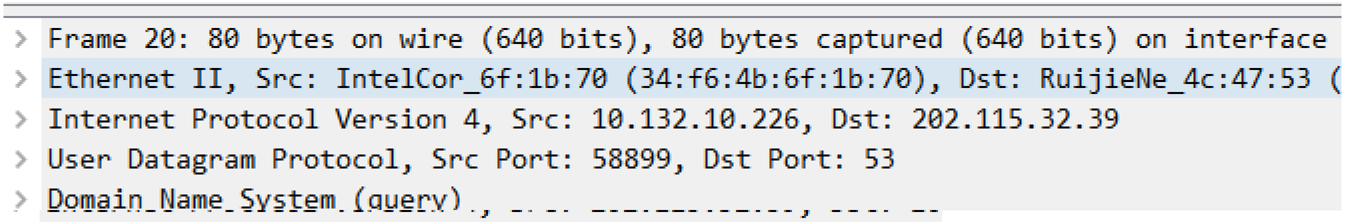
udp



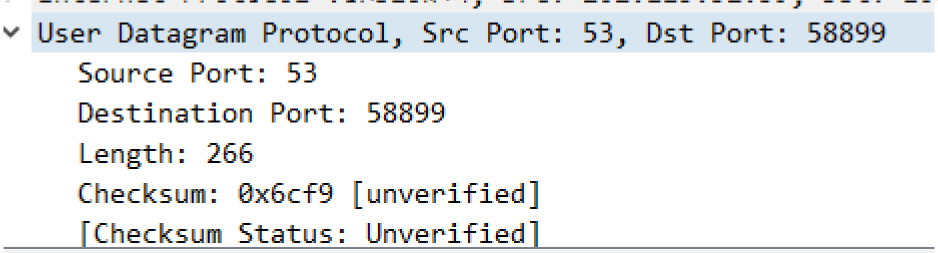
```
No.     Time        Source          Destination      Protoc
     20 0.144442    10.132.10.226   202.115.32.39    DNS
     21 0.152962    202.115.32.39   10.132.10.226    DNS
     22 0.189245    10.132.10.226   40.90.185.223    TCP
     23 0.189246    10.132.10.226   40.90.185.223    TLSv1
     24 0.189392    10.132.10.226   40.90.185.223    TCP
     25 0.189393    10.132.10.226   40.90.185.223    TCP
     26 0.189396    10.132.10.226   40.90.185.223    TLSv1
     32 0.605690    10.132.10.226   61.135.185.193   TCP
     33 0.605889    10.132.10.226   61.135.185.193   TCP
     34 0.629696    40.90.185.223   10.132.10.226    TCP
     35 0.673459    40.90.185.223   10.132.10.226    TCP
```

```
     Total Length: 66
     Identification: 0x8de1 (36321)
   > Flags: 0x0000
     ...0 0000 0000 0000 = Fragment offset: 0
     Time to live: 128
     Protocol: UDP (17)
     Header checksum: 0xacc9 [validation disabled]
     [Header checksum status: Unverified]
     Source: 10.132.10.226
```

5. What is the destination port for the DNS query message? What is the source port of DNS response message?
   53；53

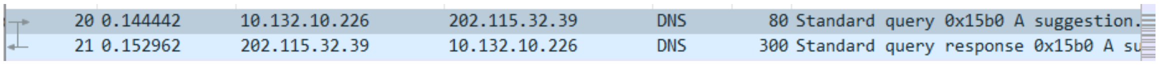


```
> Frame 20: 80 bytes on wire (640 bits), 80 bytes captured (640 bits) on interface
> Ethernet II, Src: IntelCor_6f:1b:70 (34:f6:4b:6f:1b:70), Dst: RuijieNe_4c:47:53 (
> Internet Protocol Version 4, Src: 10.132.10.226, Dst: 202.115.32.39
> User Datagram Protocol, Src Port: 58899, Dst Port: 53
> Domain Name System (query)
```

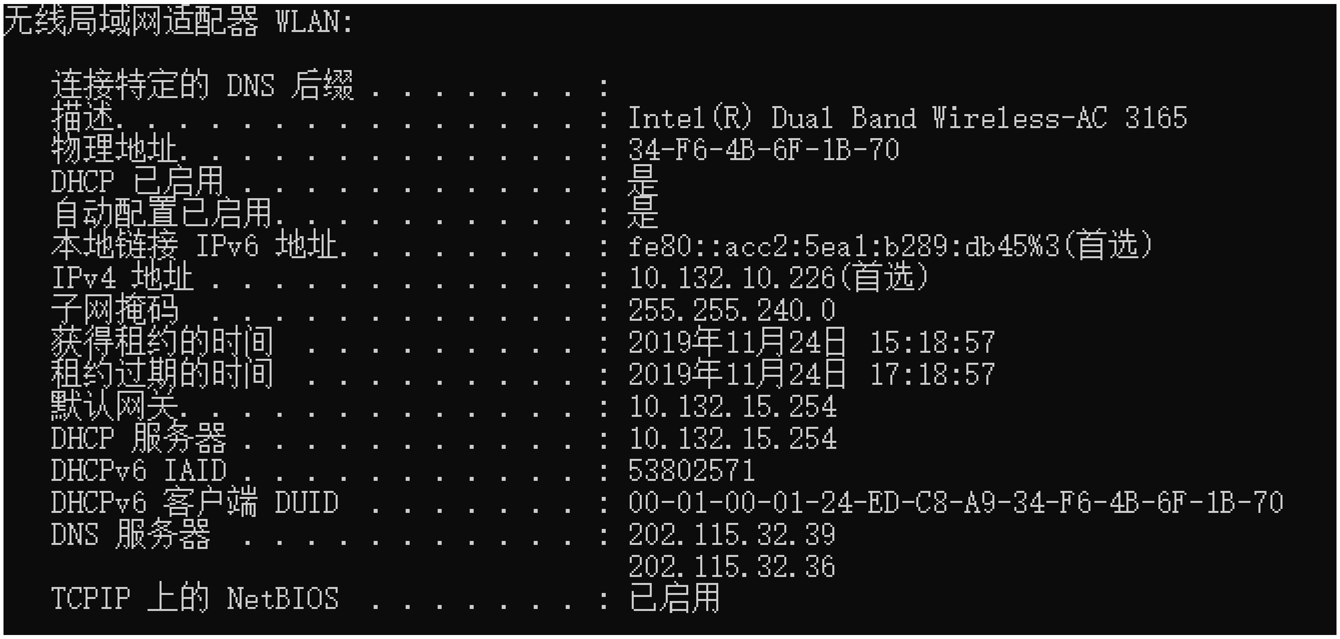


```
v User Datagram Protocol, Src Port: 53, Dst Port: 58899
    Source Port: 53
    Destination Port: 58899
    Length: 266
    Checksum: 0x6cf9 [unverified]
    [Checksum Status: Unverified]
```

6. To what IP address is the DNS query message sent? Use ipconfig to determine the IP address of your local DNS server. Are these two IP addresses the same?
   202.115.32.39；一样的



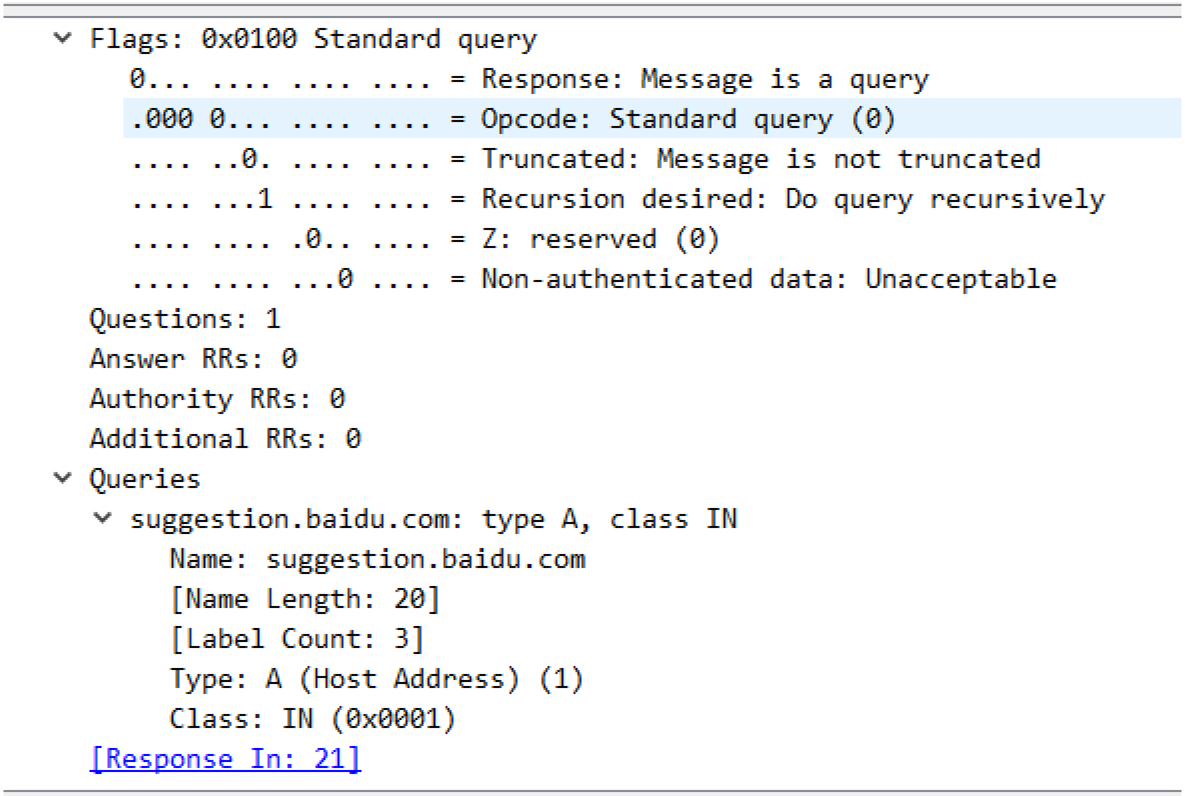
```
20 0.144442   10.132.10.226   202.115.32.39   DNS    80 Standard query 0x15b0 A suggestion.
21 0.152962   202.115.32.39   10.132.10.226   DNS   300 Standard query response 0x15b0 A su
```



```
无线局域网适配器 WLAN:

   连接特定的 DNS 后缀 . . . . . . . :
   描述. . . . . . . . . . . . . . . : Intel(R) Dual Band Wireless-AC 3165
   物理地址. . . . . . . . . . . . . : 34-F6-4B-6F-1B-70
   DHCP 已启用 . . . . . . . . . . . : 是
   自动配置已启用. . . . . . . . . . : 是
   本地链接 IPv6 地址. . . . . . . . : fe80::acc2:5ea1:b289:db45%3(首选)
   IPv4 地址 . . . . . . . . . . . . : 10.132.10.226(首选)
   子网掩码 . . . . . . . . . . . . : 255.255.240.0
   获得租约的时间 . . . . . . . . . : 2019年11月24日 15:18:57
   租约过期的时间 . . . . . . . . . : 2019年11月24日 17:18:57
   默认网关. . . . . . . . . . . . . : 10.132.15.254
   DHCP 服务器 . . . . . . . . . . . : 10.132.15.254
   DHCPv6 IAID . . . . . . . . . . . : 53802571
   DHCPv6 客户端 DUID . . . . . . . : 00-01-00-01-24-ED-C8-A9-34-F6-4B-6F-1B-70
   DNS 服务器 . . . . . . . . . . . : 202.115.32.39
                                       202.115.32.36
   TCPIP 上的 NetBIOS . . . . . . . : 已启用
```

7. Examine the DNS query message. What “Type” of DNS query is it? Does the query message contain any “answers”?

类型为 A，没有应答

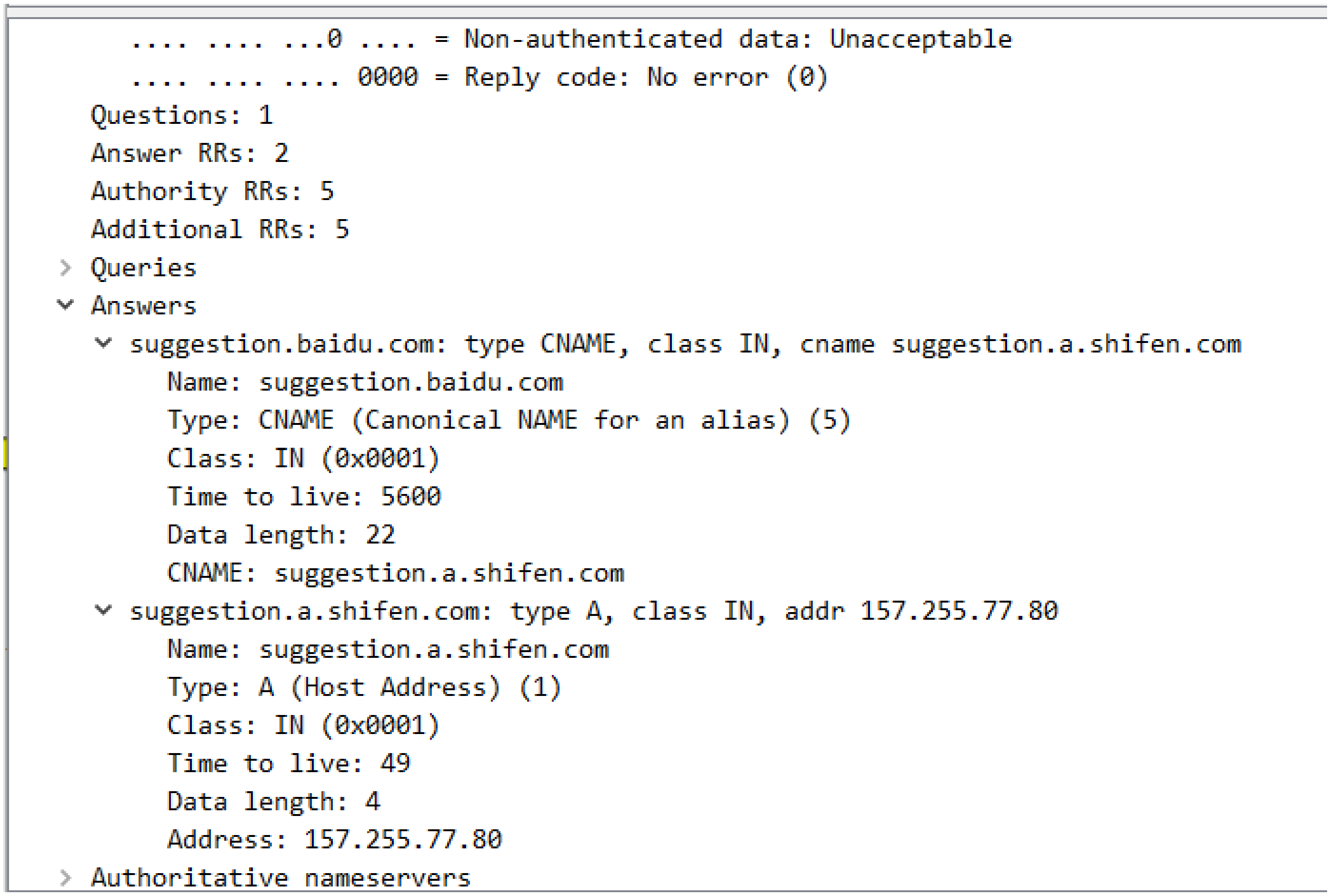


```
  ˅ Flags: 0x0100 Standard query
      0... .... .... .... = Response: Message is a query
      .000 0... .... .... = Opcode: Standard query (0)
      .... ..0. .... .... = Truncated: Message is not truncated
      .... ...1 .... .... = Recursion desired: Do query recursively
      .... .... .0.. .... = Z: reserved (0)
      .... .... ...0 .... = Non-authenticated data: Unacceptable
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
  ˅ Queries
    ˅ suggestion.baidu.com: type A, class IN
        Name: suggestion.baidu.com
        [Name Length: 20]
        [Label Count: 3]
        Type: A (Host Address) (1)
        Class: IN (0x0001)
    [Response In: 21]
```

8. Examine the DNS response message. How many “answers” are provided? What do each of these answers contain?

2 个 RRs 被提供，每个应答的 RRS 都包含下面的这些信息，name、type、class、time to live、data length。第一个 RR 包含 CNAME 信息，第二个包含 Address 信

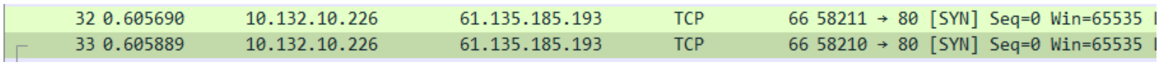
息。



```
        .... .... ...0 .... = Non-authenticated data: Unacceptable
        .... .... .... 0000 = Reply code: No error (0)
    Questions: 1
    Answer RRs: 2
    Authority RRs: 5
    Additional RRs: 5
  > Queries
  v Answers
    v suggestion.baidu.com: type CNAME, class IN, cname suggestion.a.shifen.com
          Name: suggestion.baidu.com
          Type: CNAME (Canonical NAME for an alias) (5)
          Class: IN (0x0001)
          Time to live: 5600
          Data length: 22
          CNAME: suggestion.a.shifen.com
    v suggestion.a.shifen.com: type A, class IN, addr 157.255.77.80
          Name: suggestion.a.shifen.com
          Type: A (Host Address) (1)
          Class: IN (0x0001)
          Time to live: 49
          Data length: 4
          Address: 157.255.77.80
  > Authoritative nameservers
```

9. Consider the subsequent TCP SYN packet sent by your host. Does the destination IP address of the SYN packet correspond to any of the IP addresses provided in the DNS response message?

不一致

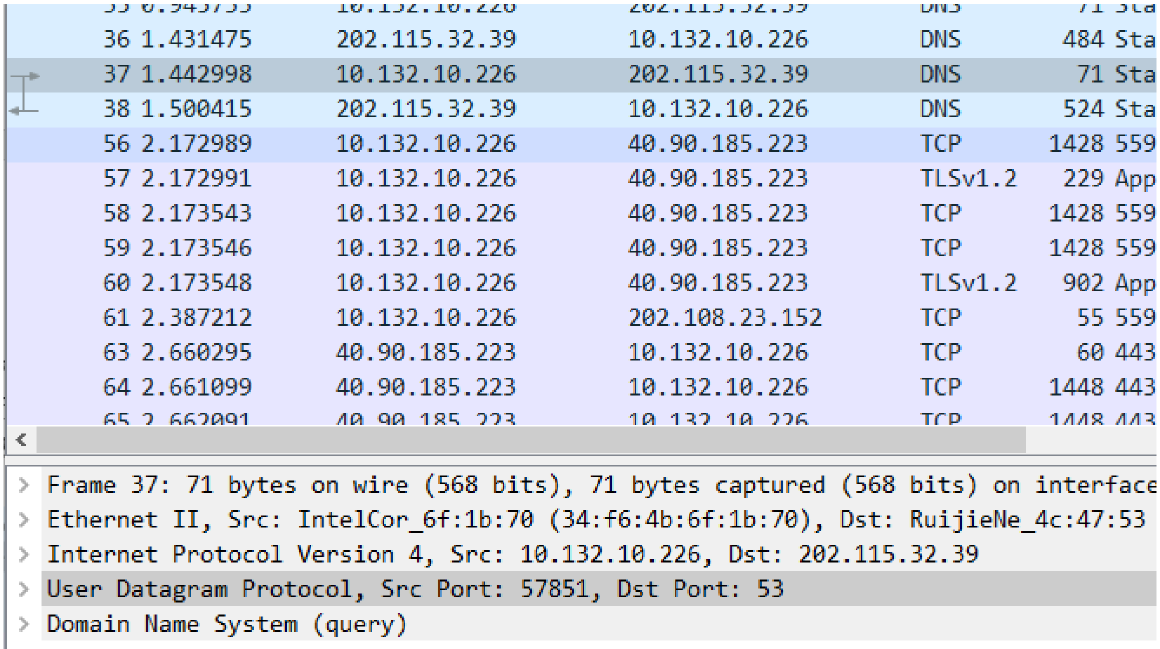


```
  32 0.605690    10.132.10.226    61.135.185.193    TCP    66 58211 → 80 [SYN] Seq=0 Win=65535
  33 0.605889    10.132.10.226    61.135.185.193    TCP    66 58210 → 80 [SYN] Seq=0 Win=65535
```

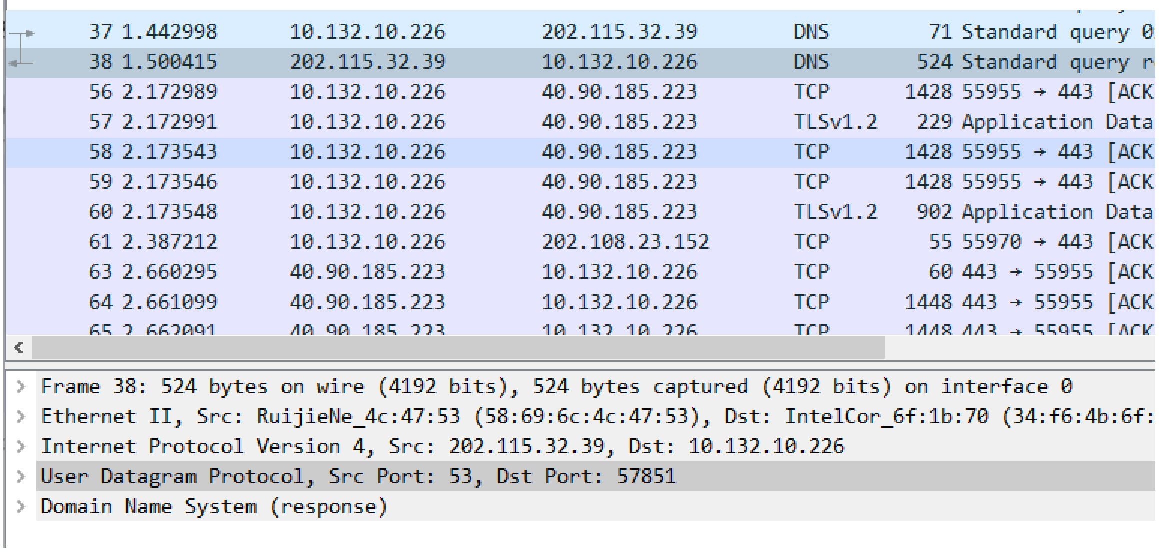
10. This web page contains images. Before retrieving each image, does your host issue new DNS queries?

没有。

11. What is the destination port for the DNS query message? What is the source port of DNS response message?
    53； 53

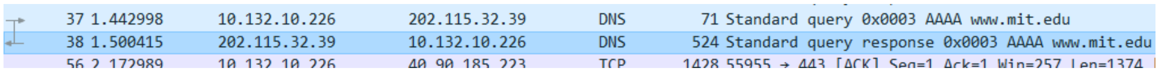


```
35 0.943733   10.132.10.226   202.115.32.39    DNS       71 Sta
36 1.431475   202.115.32.39   10.132.10.226    DNS      484 Sta
37 1.442998   10.132.10.226   202.115.32.39    DNS       71 Sta
38 1.500415   202.115.32.39   10.132.10.226    DNS      524 Sta
56 2.172989   10.132.10.226   40.90.185.223    TCP     1428 559
57 2.172991   10.132.10.226   40.90.185.223    TLSv1.2  229 App
58 2.173543   10.132.10.226   40.90.185.223    TCP     1428 559
59 2.173546   10.132.10.226   40.90.185.223    TCP     1428 559
60 2.173548   10.132.10.226   40.90.185.223    TLSv1.2  902 App
61 2.387212   10.132.10.226   202.108.23.152   TCP       55 559
63 2.660295   40.90.185.223   10.132.10.226    TCP       60 443
64 2.661099   40.90.185.223   10.132.10.226    TCP     1448 443
65 2.662091   40.90.185.223   10.132.10.226    TCP     1448 443

> Frame 37: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface
> Ethernet II, Src: IntelCor_6f:1b:70 (34:f6:4b:6f:1b:70), Dst: RuijieNe_4c:47:53
> Internet Protocol Version 4, Src: 10.132.10.226, Dst: 202.115.32.39
> User Datagram Protocol, Src Port: 57851, Dst Port: 53
> Domain Name System (query)
```

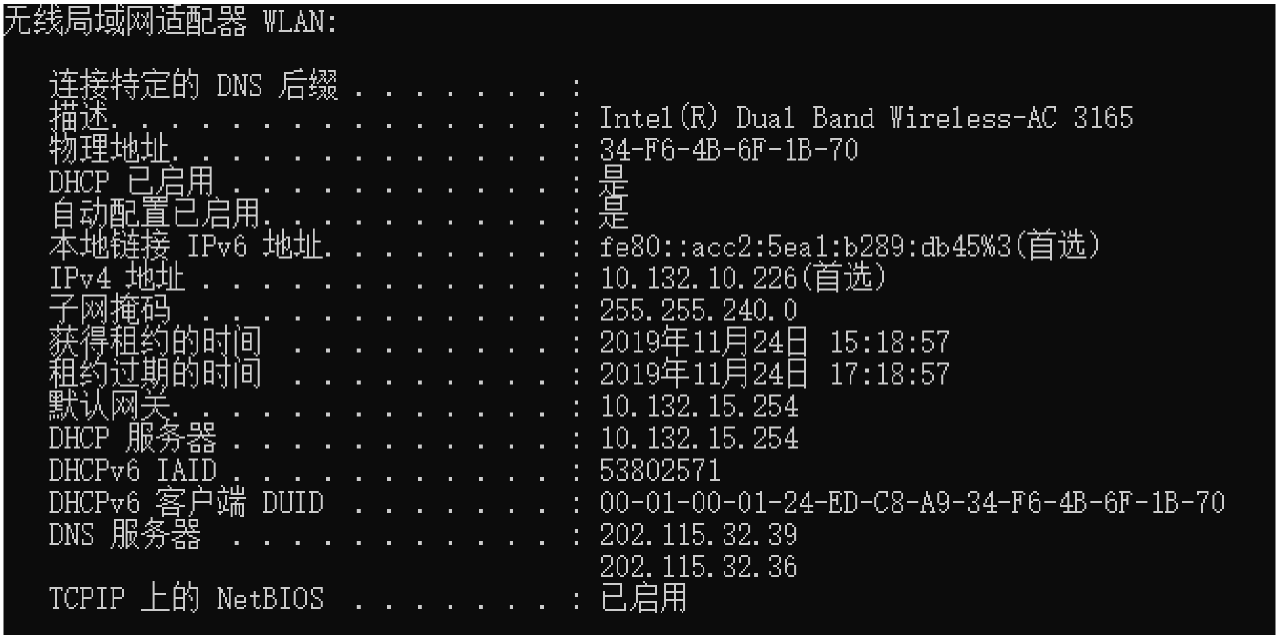


```
37 1.442998   10.132.10.226   202.115.32.39    DNS       71 Standard query 0
38 1.500415   202.115.32.39   10.132.10.226    DNS      524 Standard query r
56 2.172989   10.132.10.226   40.90.185.223    TCP     1428 55955 → 443 [ACK
57 2.172991   10.132.10.226   40.90.185.223    TLSv1.2  229 Application Data
58 2.173543   10.132.10.226   40.90.185.223    TCP     1428 55955 → 443 [ACK
59 2.173546   10.132.10.226   40.90.185.223    TCP     1428 55955 → 443 [ACK
60 2.173548   10.132.10.226   40.90.185.223    TLSv1.2  902 Application Data
61 2.387212   10.132.10.226   202.108.23.152   TCP       55 55970 → 443 [ACK
63 2.660295   40.90.185.223   10.132.10.226    TCP       60 443 → 55955 [ACK
64 2.661099   40.90.185.223   10.132.10.226    TCP     1448 443 → 55955 [ACK
65 2.662091   40.90.185.223   10.132.10.226    TCP     1448 443 → 55955 [ACK

> Frame 38: 524 bytes on wire (4192 bits), 524 bytes captured (4192 bits) on interface 0
> Ethernet II, Src: RuijieNe_4c:47:53 (58:69:6c:4c:47:53), Dst: IntelCor_6f:1b:70 (34:f6:4b:6f:
> Internet Protocol Version 4, Src: 202.115.32.39, Dst: 10.132.10.226
> User Datagram Protocol, Src Port: 53, Dst Port: 57851
> Domain Name System (response)
```

12. To what IP address is the DNS query message sent? Is this the IP address of your default local DNS server?
    202.115.32,39； 一样



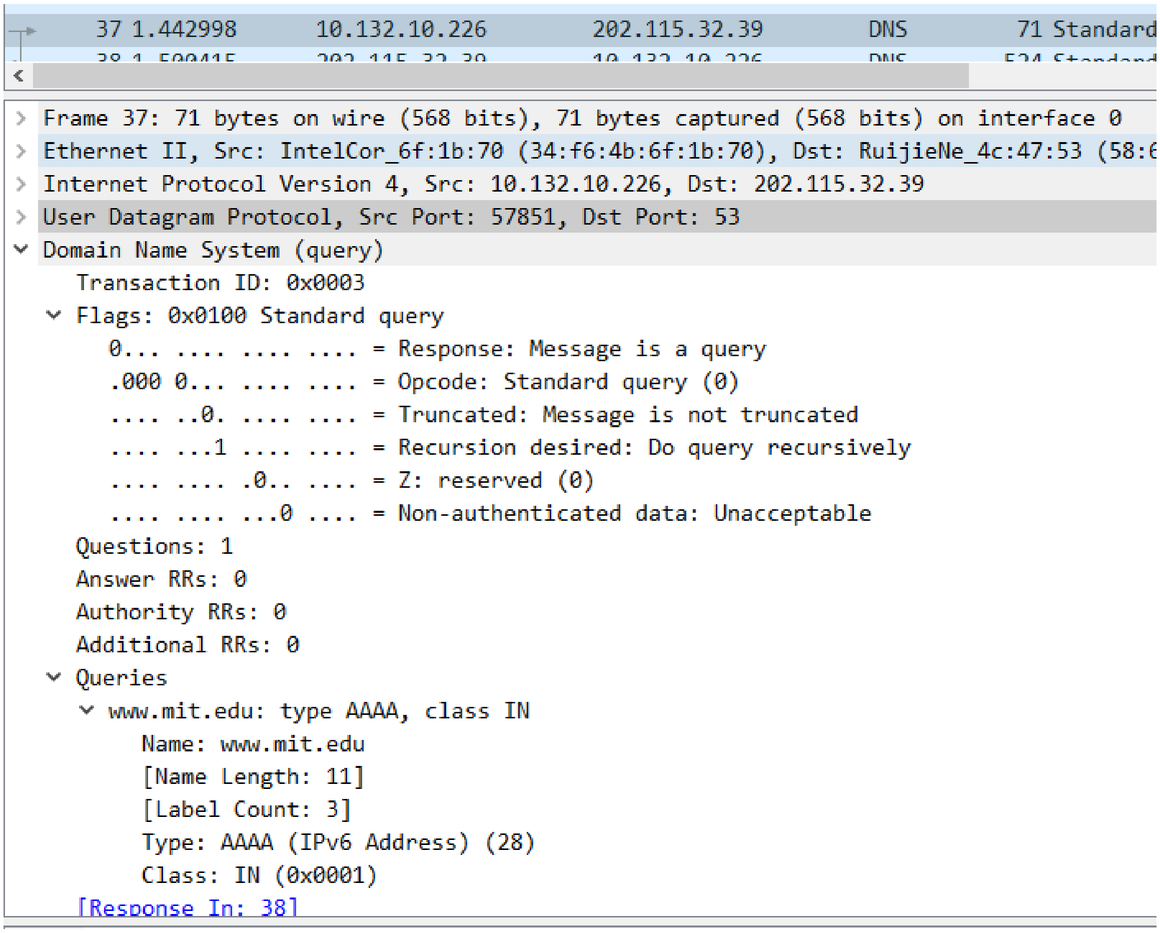
```
37 1.442998   10.132.10.226   202.115.32.39    DNS     71 Standard query 0x0003 AAAA www.mit.edu
38 1.500415   202.115.32.39   10.132.10.226    DNS    524 Standard query response 0x0003 AAAA www.mit.edu
56 2.172989   10.132.10.226   40.90.185.223    TCP   1428 55955 → 443 [ACK] Seq=1 Ack=1 Win=257 Len=1374
```



```
无线局域网适配器 WLAN:

   连接特定的 DNS 后缀 . . . . . . . :
   描述. . . . . . . . . . . . . . . : Intel(R) Dual Band Wireless-AC 3165
   物理地址. . . . . . . . . . . . . : 34-F6-4B-6F-1B-70
   DHCP 已启用 . . . . . . . . . . . : 是
   自动配置已启用. . . . . . . . . . : 是
   本地链接 IPv6 地址. . . . . . . . : fe80::acc2:5ea1:b289:db45%3(首选)
   IPv4 地址 . . . . . . . . . . . . : 10.132.10.226(首选)
   子网掩码  . . . . . . . . . . . . : 255.255.240.0
   获得租约的时间  . . . . . . . . . : 2019年11月24日 15:18:57
   租约过期的时间  . . . . . . . . . : 2019年11月24日 17:18:57
   默认网关. . . . . . . . . . . . . : 10.132.15.254
   DHCP 服务器 . . . . . . . . . . . : 10.132.15.254
   DHCPv6 IAID . . . . . . . . . . . : 53802571
   DHCPv6 客户端 DUID  . . . . . . . : 00-01-00-01-24-ED-C8-A9-34-F6-4B-6F-1B-70
   DNS 服务器  . . . . . . . . . . . : 202.115.32.39
                                       202.115.32.36
   TCPIP 上的 NetBIOS  . . . . . . . : 已启用
```

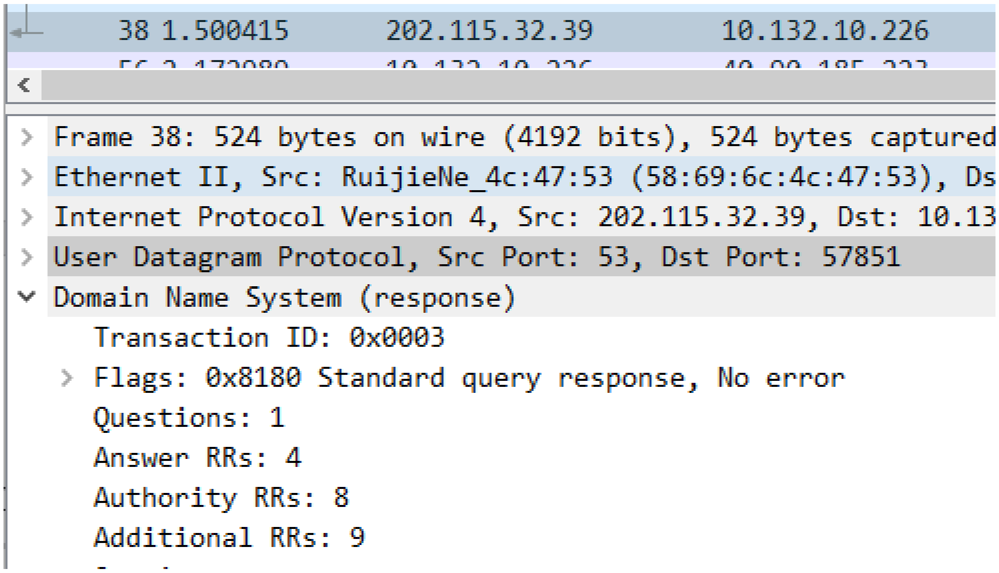
13. Examine the DNS query message. What “Type” of DNS query is it? Does the query message contain any “answers”?

AAAA；没有应答



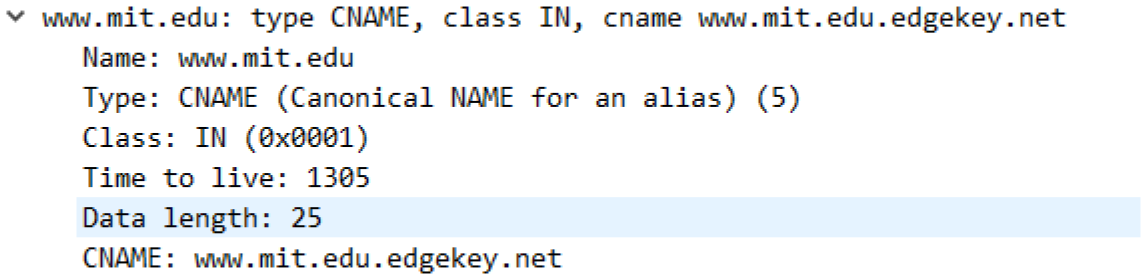
```
37 1.442998    10.132.10.226    202.115.32.39    DNS    71 Standard
38 1.500415    202.115.32.39    10.132.10.226    DNS    524 Standard

> Frame 37: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface 0
> Ethernet II, Src: IntelCor_6f:1b:70 (34:f6:4b:6f:1b:70), Dst: RuijieNe_4c:47:53 (58:6
> Internet Protocol Version 4, Src: 10.132.10.226, Dst: 202.115.32.39
> User Datagram Protocol, Src Port: 57851, Dst Port: 53
v Domain Name System (query)
    Transaction ID: 0x0003
  v 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
  v Queries
    v www.mit.edu: type AAAA, class IN
        Name: www.mit.edu
        [Name Length: 11]
        [Label Count: 3]
        Type: AAAA (IPv6 Address) (28)
        Class: IN (0x0001)
    [Response In: 38]
```

14. Examine the DNS response message. How many “answers” are provided? What do each of these answers contain?
四个回答;



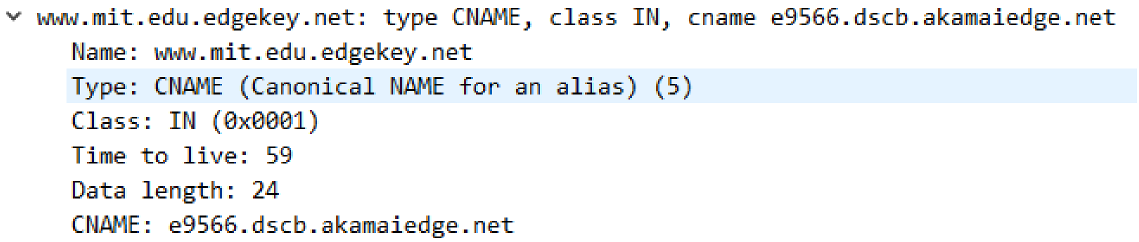
```
    38 1.500415       202.115.32.39        10.132.10.226

> Frame 38: 524 bytes on wire (4192 bits), 524 bytes captured
> Ethernet II, Src: RuijieNe_4c:47:53 (58:69:6c:4c:47:53), Ds
> Internet Protocol Version 4, Src: 202.115.32.39, Dst: 10.13
> User Datagram Protocol, Src Port: 53, Dst Port: 57851
v Domain Name System (response)
    Transaction ID: 0x0003
  > Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 4
    Authority RRs: 8
    Additional RRs: 9
```

第一个回答包括: name、type、class、time to alive、data length、CNAME



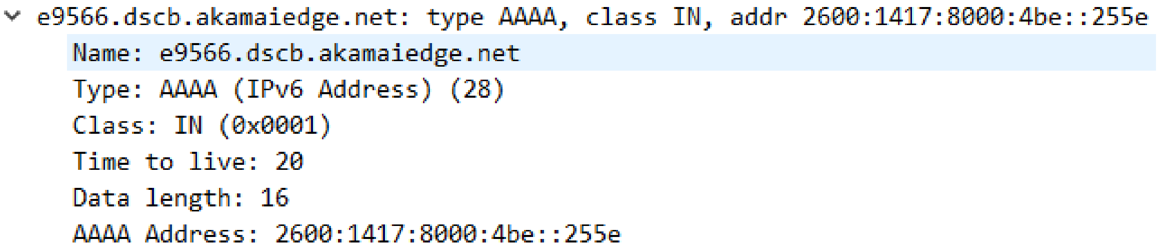
```
v www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net
    Name: www.mit.edu
    Type: CNAME (Canonical NAME for an alias) (5)
    Class: IN (0x0001)
    Time to live: 1305
    Data length: 25
    CNAME: www.mit.edu.edgekey.net
```

第二个回答包括: name、type、class、time to alive、data length、CNAME



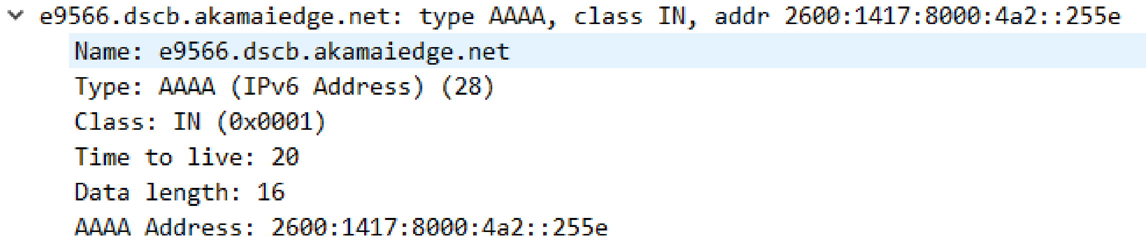
```
v www.mit.edu.edgekey.net: type CNAME, class IN, cname e9566.dscb.akamaiedge.net
    Name: www.mit.edu.edgekey.net
    Type: CNAME (Canonical NAME for an alias) (5)
    Class: IN (0x0001)
    Time to live: 59
    Data length: 24
    CNAME: e9566.dscb.akamaiedge.net
```

第三个回答包括: name、type、class、time to alive、data length、AAAA address



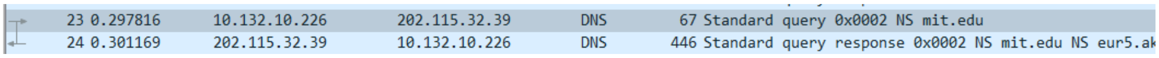
```
v e9566.dscb.akamaiedge.net: type AAAA, class IN, addr 2600:1417:8000:4be::255e
    Name: e9566.dscb.akamaiedge.net
    Type: AAAA (IPv6 Address) (28)
    Class: IN (0x0001)
    Time to live: 20
    Data length: 16
    AAAA Address: 2600:1417:8000:4be::255e
```

第四个回答包括 name、type、class、time to alive、data length、AAAA address

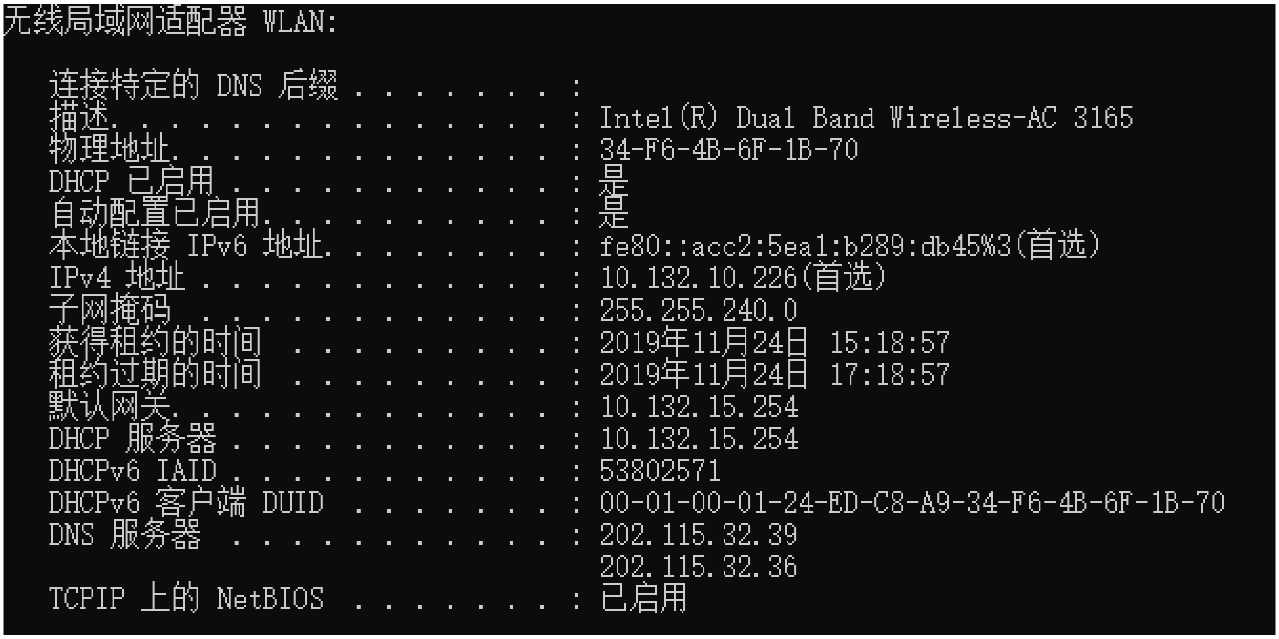


```
⌄ e9566.dscb.akamaiedge.net: type AAAA, class IN, addr 2600:1417:8000:4a2::255e
    Name: e9566.dscb.akamaiedge.net
    Type: AAAA (IPv6 Address) (28)
    Class: IN (0x0001)
    Time to live: 20
    Data length: 16
    AAAA Address: 2600:1417:8000:4a2::255e
```

15. Provide a screenshot.
    实验截图已附在每题的下面
16. To what IP address is the DNS query message sent? Is this the IP address of your default local DNS server?
    202.115.32.39；一样。

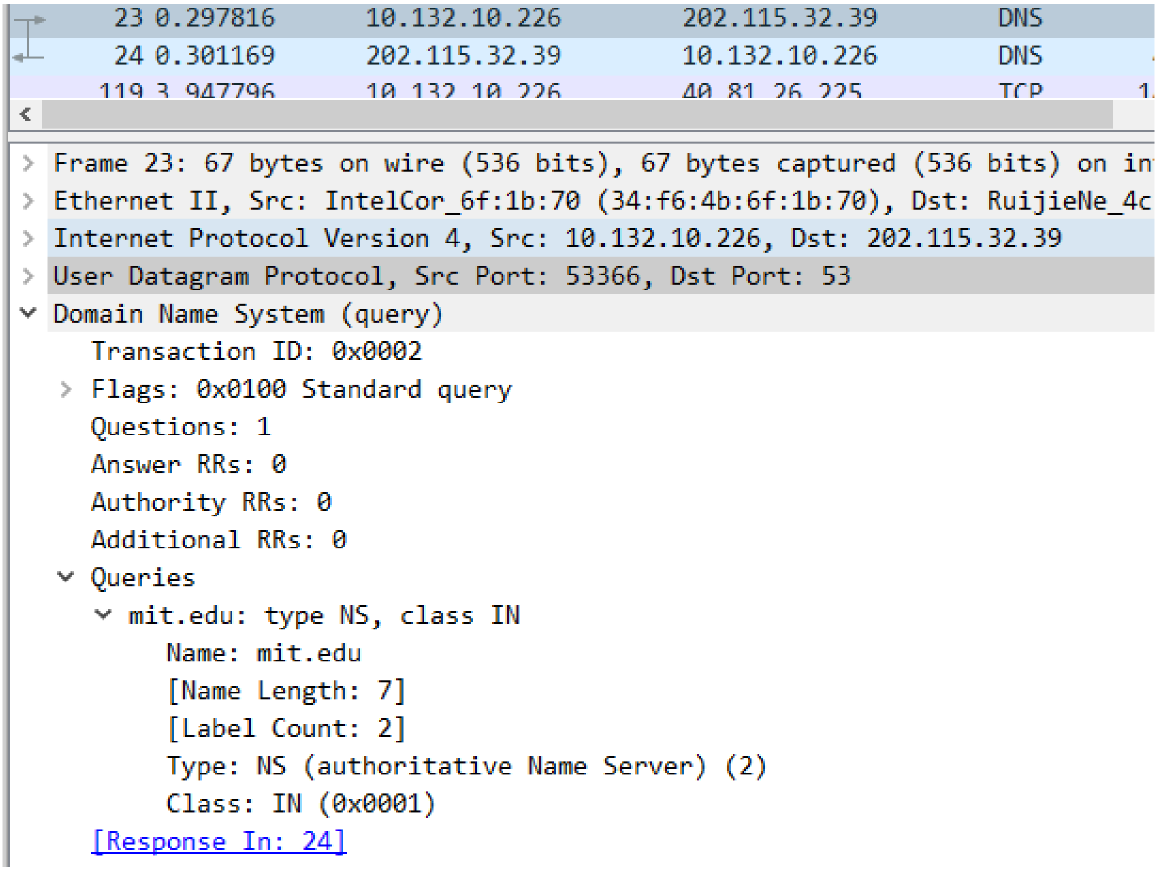


```
23 0.297816    10.132.10.226    202.115.32.39    DNS    67 Standard query 0x0002 NS mit.edu
24 0.301169    202.115.32.39    10.132.10.226    DNS   446 Standard query response 0x0002 NS mit.edu NS eur5.ak
```



```
无线局域网适配器 WLAN:

   连接特定的 DNS 后缀 . . . . . . . :
   描述. . . . . . . . . . . . . . . : Intel(R) Dual Band Wireless-AC 3165
   物理地址. . . . . . . . . . . . . : 34-F6-4B-6F-1B-70
   DHCP 已启用 . . . . . . . . . . . : 是
   自动配置已启用. . . . . . . . . . : 是
   本地链接 IPv6 地址. . . . . . . . : fe80::acc2:5ea1:b289:db45%3(首选)
   IPv4 地址 . . . . . . . . . . . . : 10.132.10.226(首选)
   子网掩码  . . . . . . . . . . . . : 255.255.240.0
   获得租约的时间  . . . . . . . . . : 2019年11月24日 15:18:57
   租约过期的时间  . . . . . . . . . : 2019年11月24日 17:18:57
   默认网关. . . . . . . . . . . . . : 10.132.15.254
   DHCP 服务器 . . . . . . . . . . . : 10.132.15.254
   DHCPv6 IAID . . . . . . . . . . . : 53802571
   DHCPv6 客户端 DUID  . . . . . . . : 00-01-00-01-24-ED-C8-A9-34-F6-4B-6F-1B-70
   DNS 服务器  . . . . . . . . . . . : 202.115.32.39
                                       202.115.32.36
   TCPIP 上的 NetBIOS  . . . . . . . : 已启用
```

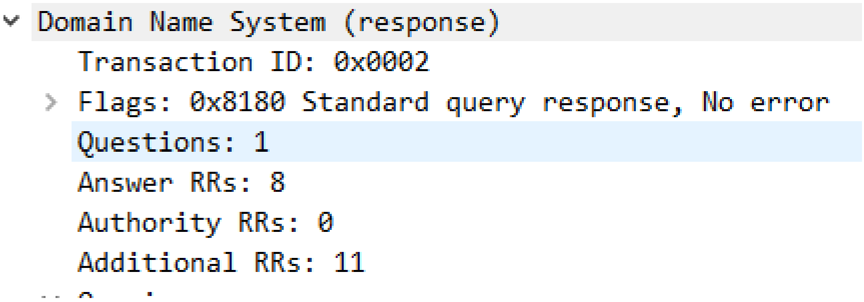
17. Examine the DNS query message. What “Type” of DNS query is it? Does the query message contain any “answers”?
    NS；没有应答



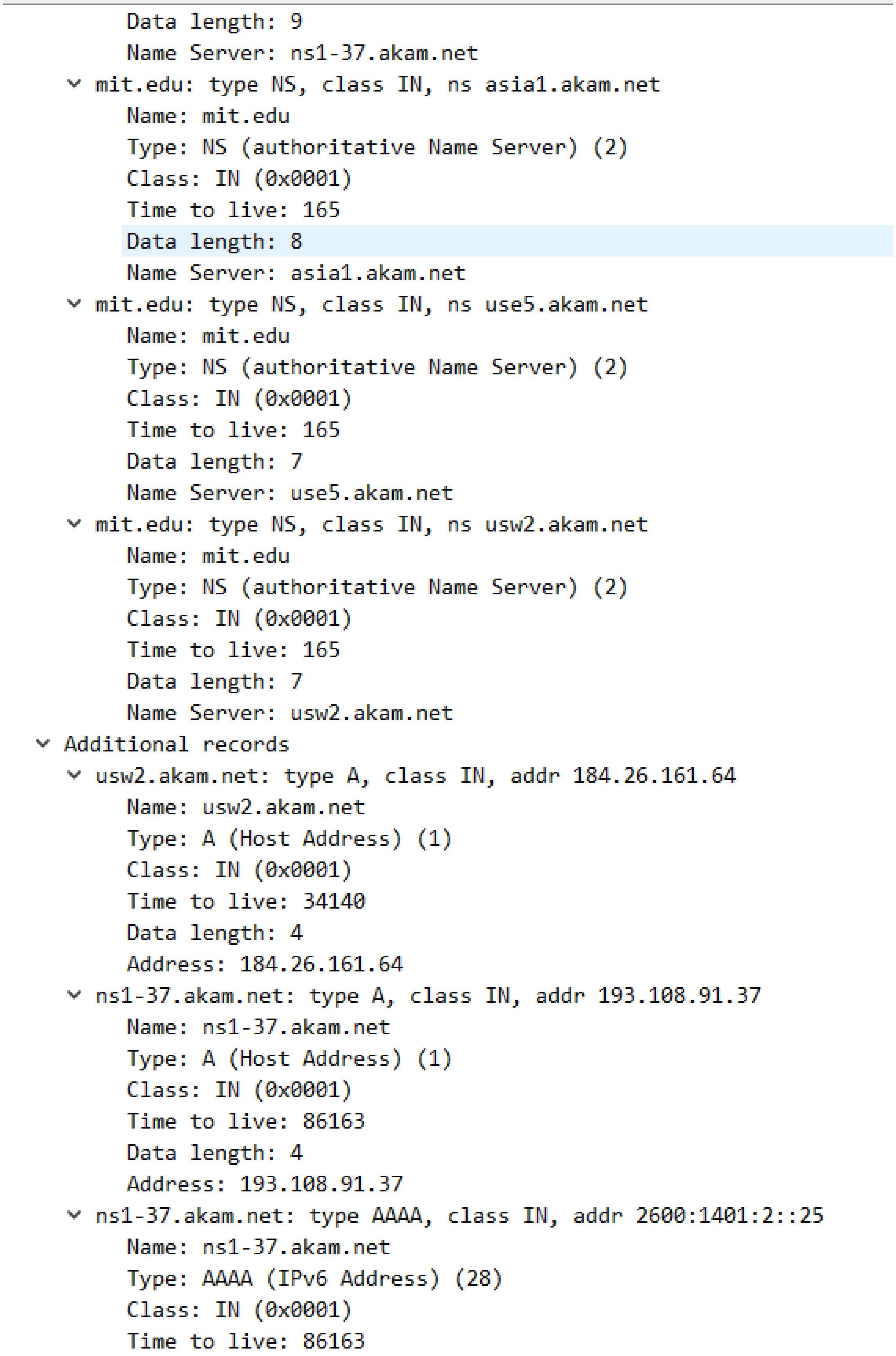
```
 23 0.297816    10.132.10.226    202.115.32.39    DNS
 24 0.301169    202.115.32.39    10.132.10.226    DNS
119 3.947796    10.132.10.226    40.81.26.225     TCP    1.

> Frame 23: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on in
> Ethernet II, Src: IntelCor_6f:1b:70 (34:f6:4b:6f:1b:70), Dst: RuijieNe_4c
> Internet Protocol Version 4, Src: 10.132.10.226, Dst: 202.115.32.39
> User Datagram Protocol, Src Port: 53366, Dst Port: 53
v Domain Name System (query)
    Transaction ID: 0x0002
  > Flags: 0x0100 Standard query
    Questions: 1
    Answer RRs: 0
    Authority RRs: 0
    Additional RRs: 0
  v Queries
    v mit.edu: type NS, class IN
        Name: mit.edu
        [Name Length: 7]
        [Label Count: 2]
        Type: NS (authoritative Name Server) (2)
        Class: IN (0x0001)
    [Response In: 24]
```

18. Examine the DNS response message. What MIT nameservers does the response message provide? Does this response message also provide the IP addresses of the MIT namesers?

提供了 8 个，并在额外的 RRS 记录中提供了域名服务器的 IP 地址。

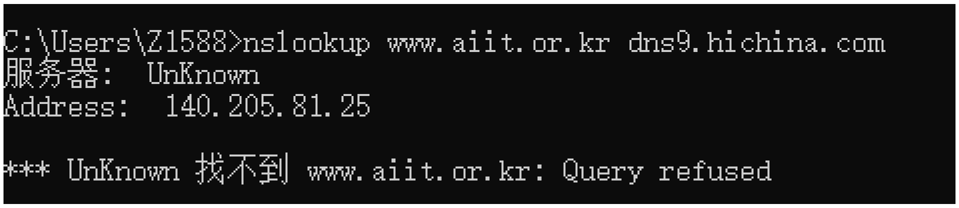


```
v Domain Name System (response)
    Transaction ID: 0x0002
  > Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 8
    Authority RRs: 0
    Additional RRs: 11
```

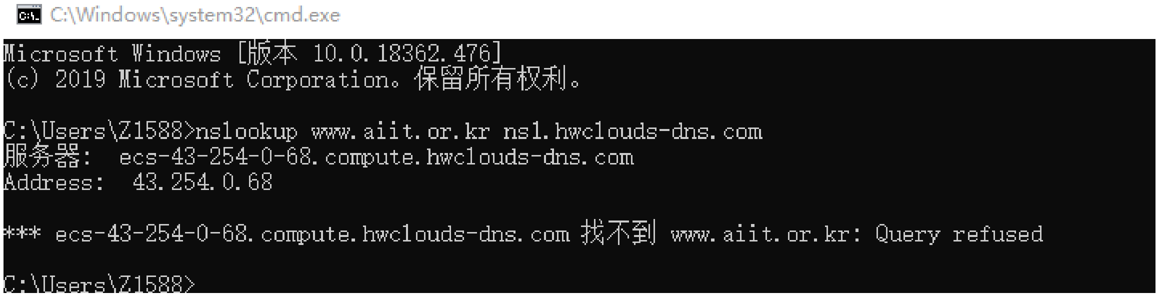


```
          Data length: 9
          Name Server: ns1-37.akam.net
    ⌄ mit.edu: type NS, class IN, ns asia1.akam.net
          Name: mit.edu
          Type: NS (authoritative Name Server) (2)
          Class: IN (0x0001)
          Time to live: 165
          Data length: 8
          Name Server: asia1.akam.net
    ⌄ 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: 165
          Data length: 7
          Name Server: use5.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: 165
          Data length: 7
          Name Server: usw2.akam.net
  ⌄ Additional records
    ⌄ 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: 34140
          Data length: 4
          Address: 184.26.161.64
    ⌄ 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: 86163
          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: 86163
```

19. Provide a screenshot.
    截图已附在每个题后面。
20. To what IP address is the DNS query message sent? Is this the IP address of your default local DNS server? If not, what does the IP address correspond to?
21. Examine the DNS query message. What “Type” of DNS query is it? Does the query message contain any “answers”?
22. Examine the DNS response message. How many “answers” are provided? What does each of these answers contain?
23. Provide a screenshot.



```
C:\Users\Z1588>nslookup www.aiit.or.kr dns9.hichina.com
服务器:  UnKnown
Address:  140.205.81.25

*** UnKnown 找不到 www.aiit.or.kr: Query refused
```



```
Microsoft Windows [版本 10.0.18362.476]
(c) 2019 Microsoft Corporation。保留所有权利。

C:\Users\Z1588>nslookup www.aiit.or.kr ns1.hwclouds-dns.com
服务器:  ecs-43-254-0-68.compute.hwclouds-dns.com
Address:  43.254.0.68

*** ecs-43-254-0-68.compute.hwclouds-dns.com 找不到 www.aiit.or.kr: Query refused

C:\Users\Z1588>
```

换用国内域名服务器找不到该记录。