Laborator PC (9)

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321 CC

1.

dns.c contine 2 functii: get_ip si get_name.

get_ip : se seteaza hint-urile. Se extrage adresa ip cu getaddrinfo(). Se itereaza prin adresele rezultat si se printeaza.

get_name : Se seteaza adresa ip in structura de tip sockaddr_in. Se foloseste functia getnameinfo() pentru a obtine numele si serviciul. Se printeaza.

2. a)

dig -t A -q single-v4.protocoale.club

```
; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q single-v4.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 12342
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;single-v4.protocoale.club.     IN      A

;; ANSWER SECTION:
single-v4.protocoale.club. 300          IN      A       127.0.0.1

;; Query time: 144 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:13:00 EEST 2021
;; MSG SIZE  rcvd: 70
```

dig -t A -q single.protocoale.club

```
; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q single.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65245
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
```

```
;single.protocoale.club.                IN      A

;; ANSWER SECTION:
single.protocoale.club.         300     IN      A       127.0.0.1

;; Query time: 44 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:15:02 EEST 2021
;; MSG SIZE  rcvd: 67

dig -t A -q multi-v4.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q multi-v4.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59665
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;multi-v4.protocoale.club.      IN      A

;; ANSWER SECTION:
multi-v4.protocoale.club. 300   IN      A       127.3.3.3
multi-v4.protocoale.club. 300   IN      A       127.4.4.4
multi-v4.protocoale.club. 300   IN      A       127.1.1.1
multi-v4.protocoale.club. 300   IN      A       127.2.2.2

;; Query time: 52 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:15:33 EEST 2021
;; MSG SIZE  rcvd: 117

dig -t A -q multi.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q multi.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 44199
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;multi.protocoale.club.                 IN      A

;; ANSWER SECTION:
multi.protocoale.club.300       IN      A       127.4.4.4
```

```
multi.protocoale.club.300     IN      A       127.2.2.2
multi.protocoale.club.300     IN      A       127.1.1.1
multi.protocoale.club.300     IN      A       127.3.3.3

;; Query time: 48 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:16:00 EEST 2021
;; MSG SIZE  rcvd: 114

dig -t A -q protocoale.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q protocoale.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59375
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;protocoale.protocoale.club.   IN      A

;; ANSWER SECTION:
protocoale.protocoale.club. 300       IN      A       127.42.42.42

;; Query time: 92 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:16:27 EEST 2021
;; MSG SIZE  rcvd: 71
```

b)

```
dig -t AAAA -q single-v6.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t AAAA -q single-v6.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36601
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;single-v6.protocoale.club.    IN      AAAA

;; ANSWER SECTION:
single-v6.protocoale.club. 300        IN      AAAA::1

;; Query time: 48 msec
```

```
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:17:01 EEST 2021
;; MSG SIZE  rcvd: 82

dig -t AAAA -q single.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t AAAA -q single.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45427
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;single.protocoale.club.                IN      AAAA

;; ANSWER SECTION:
single.protocoale.club.         300     IN      AAAA::1

;; Query time: 48 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:17:47 EEST 2021
;; MSG SIZE  rcvd: 79

dig -t AAAA -q multi-v6.protocoale.club

; <<>> DiG 9.16.1-Ubuntu <<>> -t AAAA -q multi-v6.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 15309
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;multi-v6.protocoale.club.      IN      AAAA

;; ANSWER SECTION:
multi-v6.protocoale.club. 300          IN      AAAA::4
multi-v6.protocoale.club. 300          IN      AAAA::1
multi-v6.protocoale.club. 300          IN      AAAA::2
multi-v6.protocoale.club. 300          IN      AAAA::3

;; Query time: 48 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:18:16 EEST 2021
;; MSG SIZE  rcvd: 165
```

dig -t AAAA -q multi.protocoale.club

```
; <<>> DiG 9.16.1-Ubuntu <<>> -t AAAA -q multi.protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27867
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;multi.protocoale.club.          IN      AAAA

;; ANSWER SECTION:
multi.protocoale.club.300       IN      AAAA::4
multi.protocoale.club.300       IN      AAAA::2
multi.protocoale.club.300       IN      AAAA::1
multi.protocoale.club.300       IN      AAAA::3

;; Query time: 44 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:18:51 EEST 2021
;; MSG SIZE  rcvd: 162
```

c)

dig -t MX -q protocoale.club

```
; <<>> DiG 9.16.1-Ubuntu <<>> -t MX -q protocoale.club
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19347
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;protocoale.club.               IN      MX

;; ANSWER SECTION:
protocoale.club.        300     IN      MX      10 alt1.gmail-smtp-in.l.google.com.
protocoale.club.        300     IN      MX      20 alt2.gmail-smtp-in.l.google.com.
protocoale.club.        300     IN      MX      30 alt3.gmail-smtp-in.l.google.com.

;; Query time: 47 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:19:32 EEST 2021
;; MSG SIZE  rcvd: 133
```

d)

dig -t A -q multi.protocoale.club +nocomments +noadditional +nostats +noanswer

```
; <<>> DiG 9.16.1-Ubuntu <<>> -t A -q multi.protocoale.club +nocomments +noadditional +nostats
+noanswer
;; global options: +cmd
;multi.protocoale.club.                  IN      A
```

e)

dig google.com@193.231.236.25 google.com

```
; <<>> DiG 9.16.1-Ubuntu <<>> google.com@193.231.236.25 google.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 30232
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;google.com\@193.231.236.25.        IN      A

;; Query time: 8 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:45:21 EEST 2021
;; MSG SIZE  rcvd: 54

;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5118
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;google.com.                    IN      A

;; ANSWER SECTION:
google.com.             25      IN      A       216.58.214.238

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:45:21 EEST 2021
;; MSG SIZE  rcvd: 55
```

dig google.com@86.120.141.140 google.com

```
; <<>> DiG 9.16.1-Ubuntu <<>> google.com@86.120.141.140 google.com
```

```
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 825
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;google.com\@86.120.141.140.        IN      A

;; Query time: 12 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:51:40 EEST 2021
;; MSG SIZE  rcvd: 54

;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24498
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 65494
;; QUESTION SECTION:
;google.com.                    IN      A

;; ANSWER SECTION:
google.com.             241     IN      A       172.217.19.110

;; Query time: 0 msec
;; SERVER: 127.0.0.53#53(127.0.0.53)
;; WHEN: Sun May 09 14:51:40 EEST 2021
;; MSG SIZE  rcvd: 55
```

f)

```
dig -f bulk.txt +noall +answer
single-v4.protocoale.club. 145          IN      A       127.0.0.1
single.protocoale.club.         145     IN      A       127.0.0.1
dorinel.protocoale.club. 146    IN      A       127.42.0.0
multi-v4.protocoale.club. 146           IN      A       127.4.4.4
multi-v4.protocoale.club. 146           IN      A       127.2.2.2
multi-v4.protocoale.club. 146           IN      A       127.3.3.3
multi-v4.protocoale.club. 146           IN      A       127.1.1.1
multi.protocoale.club.146       IN      A       127.2.2.2
multi.protocoale.club.146       IN      A       127.3.3.3
multi.protocoale.club.146       IN      A       127.4.4.4
multi.protocoale.club.146       IN      A       127.1.1.1
pc.protocoale.club.     146     IN      CNAME       pcom.protocoale.club.
pcom.protocoale.club.           146     IN      CNAME       protocoale.protocoale.club.
protocoale.protocoale.club. 146         IN      A       127.42.42.42
```

```
pcom.protocoale.club.          146     IN      CNAME   protocoale.protocoale.club.
protocoale.protocoale.club. 146        IN      A       127.42.42.42
protocoale.protocoale.club. 146        IN      A       127.42.42.42
```

g)

```
sudo dig test.dorinel.protocoale.club +noall +answer +trace
[sudo] password for vlad:
.                       3659    IN      NS      k.root-servers.net.
.                       3659    IN      NS      j.root-servers.net.
.                       3659    IN      NS      h.root-servers.net.
.                       3659    IN      NS      f.root-servers.net.
.                       3659    IN      NS      c.root-servers.net.
.                       3659    IN      NS      d.root-servers.net.
.                       3659    IN      NS      b.root-servers.net.
.                       3659    IN      NS      m.root-servers.net.
.                       3659    IN      NS      a.root-servers.net.
.                       3659    IN      NS      g.root-servers.net.
.                       3659    IN      NS      e.root-servers.net.
.                       3659    IN      NS      i.root-servers.net.
.                       3659    IN      NS      l.root-servers.net.
;; Received 262 bytes from 127.0.0.53#53(127.0.0.53) in 0 ms
```

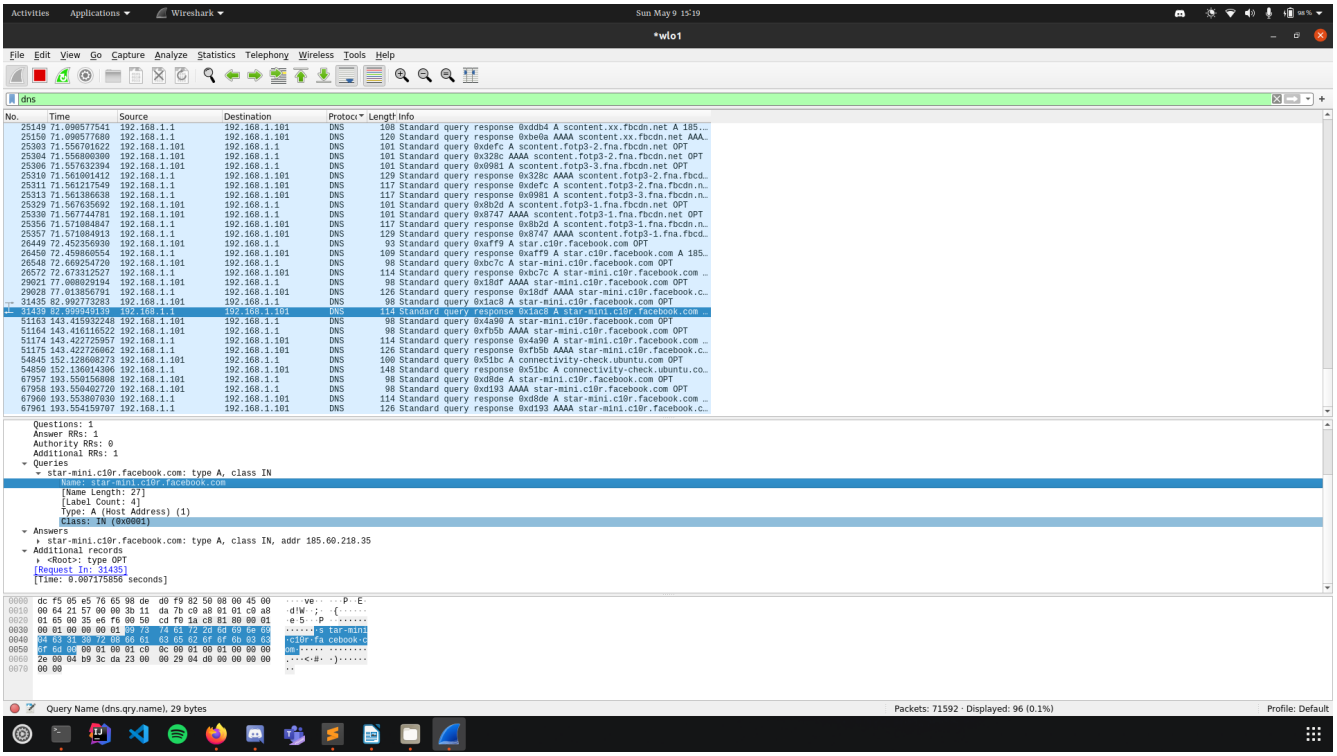
De ce nu functioneaza?

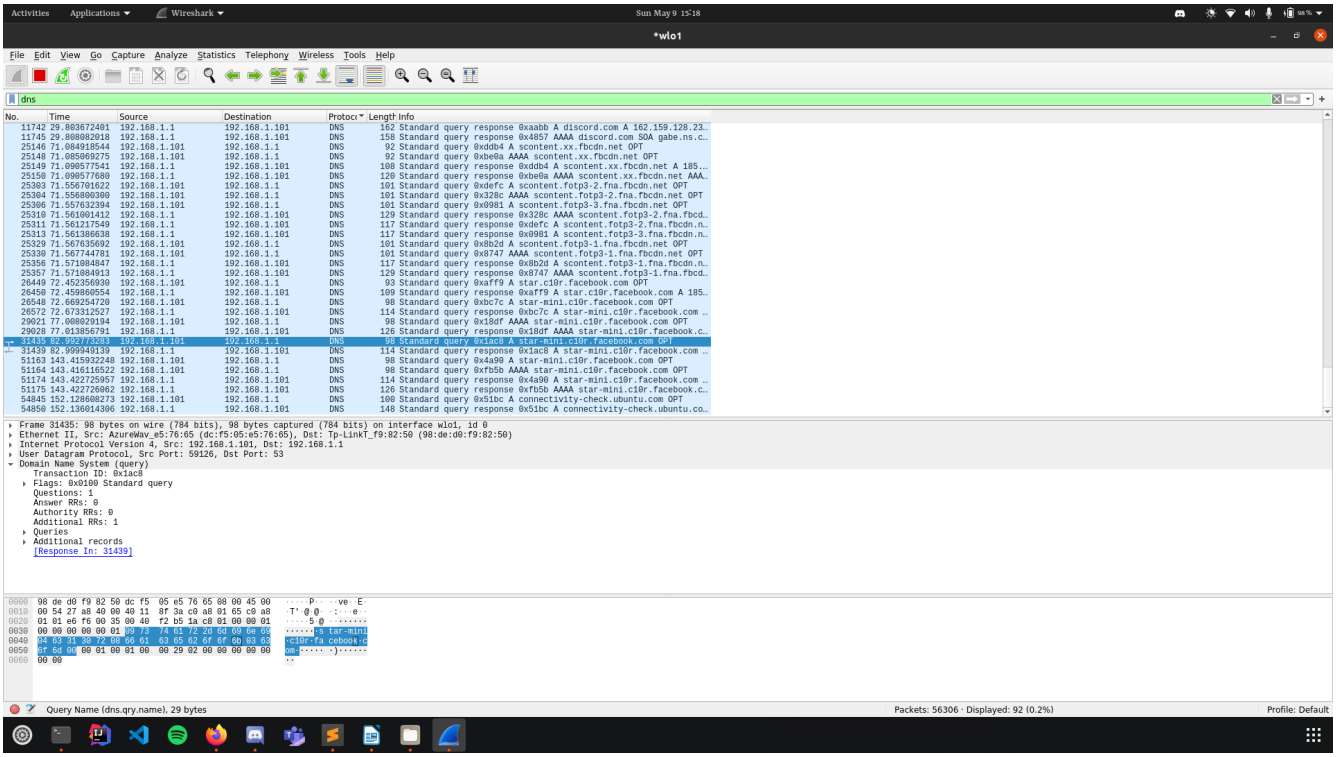
h)

```
dig -x 208.65.153.238 +noall +answer
238.153.65.208.in-addr.arpa. 28800 IN   PTR     cache.google.com.
```

De ce arata invers? Pentru ca ierahia de adrese Ip este ordonata ierarhic, iar cel mai semnificativ octet este in stanga, Astfel incat cand se filtreaza in ierarhie se printeaza ce s-a gasit pana la acel punct, deci in reverse mod.

I)


Activities
Applications
Wireshark
Sun May 9 15:19
*wlo1
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
dns
No. Time Source Destination Protocol Length Info
25149 71.090577541 192.168.1.1 192.168.1.101 DNS 108 Standard query response 0xddb4 A scontent.xx.fbcdn.net A 185…
25150 71.090577680 192.168.1.1 192.168.1.101 DNS 120 Standard query response 0xbe0a AAAA scontent.xx.fbcdn.net AAA…
25303 71.556701622 192.168.1.101 192.168.1.1 DNS 101 Standard query 0xdefc A scontent.fotp3-2.fna.fbcdn.net OPT
25304 71.556800300 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x328c AAAA scontent.fotp3-2.fna.fbcdn.net OPT
25306 71.557632394 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x0981 A scontent.fotp3-3.fna.fbcdn.net OPT
25310 71.561001412 192.168.1.1 192.168.1.101 DNS 129 Standard query response 0x328c AAAA scontent.fotp3-2.fna.fbcd…
25311 71.561217549 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0xdefc A scontent.fotp3-2.fna.fbcdn.n…
25313 71.561386638 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0x0981 A scontent.fotp3-3.fna.fbcdn.n…
25329 71.567635692 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x8b2d A scontent.fotp3-1.fna.fbcdn.net OPT
25330 71.567744781 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x8747 AAAA scontent.fotp3-1.fna.fbcdn.net OPT
25356 71.571084847 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0x8b2d A scontent.fotp3-1.fna.fbcdn.n…
25357 71.571084913 192.168.1.1 192.168.1.101 DNS 129 Standard query response 0x8747 AAAA scontent.fotp3-1.fna.fbcd…
26449 72.452356930 192.168.1.101 192.168.1.1 DNS 93 Standard query 0xaff9 A star.c10r.facebook.com OPT
26450 72.459860554 192.168.1.1 192.168.1.101 DNS 109 Standard query response 0xaff9 A star.c10r.facebook.com A 185…
26548 72.669254720 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xbc7c A star-mini.c10r.facebook.com OPT
26572 72.673312527 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0xbc7c A star-mini.c10r.facebook.com …
29021 77.008029194 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x18df AAAA star-mini.c10r.facebook.com OPT
29028 77.013856791 192.168.1.1 192.168.1.101 DNS 126 Standard query response 0x18df AAAA star-mini.c10r.facebook.c…
31435 82.992773283 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x1ac8 A star-mini.c10r.facebook.com OPT
31439 82.999949139 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0x1ac8 A star-mini.c10r.facebook.com …
51163 143.415932248 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x4a90 A star-mini.c10r.facebook.com OPT
51164 143.416116522 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xfb5b AAAA star-mini.c10r.facebook.com OPT
51174 143.422725957 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0x4a90 A star-mini.c10r.facebook.com …
51175 143.422726062 192.168.1.1 192.168.1.101 DNS 126 Standard query response 0xfb5b AAAA star-mini.c10r.facebook.c…
54845 152.128608273 192.168.1.101 192.168.1.1 DNS 100 Standard query 0x51bc A connectivity-check.ubuntu.com OPT
54850 152.136014306 192.168.1.1 192.168.1.101 DNS 148 Standard query response 0x51bc A connectivity-check.ubuntu.co…
67957 193.550156808 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xd8de A star-mini.c10r.facebook.com OPT
67958 193.550402720 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xd193 AAAA star-mini.c10r.facebook.com OPT
67960 193.553607030 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0xd8de A star-mini.c10r.facebook.com …
67961 193.554159707 192.168.1.1 192.168.1.101 DNS 126 Standard query response 0xd193 AAAA star-mini.c10r.facebook.c…
Questions: 1
Answer RRs: 1
Authority RRs: 0
Additional RRs: 1
Queries
star-mini.c10r.facebook.com: type A, class IN
Name: star-mini.c10r.facebook.com
[Name Length: 27]
[Label Count: 4]
Type: A (Host Address) (1)
Class: IN (0x0001)
Answers
star-mini.c10r.facebook.com: type A, class IN, addr 185.60.218.35
Additional records
<Root>: type OPT
[Request In: 31435]
[Time: 0.007175856 seconds]
0000 dc f5 05 e5 76 65 98 de d0 f9 82 50 08 00 45 00 ····ve····P··E·
0010 00 64 21 57 00 00 3b 11 da 7b c9 a8 01 01 c0 a8 ·d!W··;· ·{····
0020 01 65 00 35 e6 f6 00 50 cd f0 1a c8 81 80 00 01 ·e·5···P ········
0030 00 01 00 00 00 01 09 73 74 61 72 2d 6d 69 6e 69 ·······s tar-mini
0040 04 63 31 30 72 08 66 61 63 65 62 6f 6f 6b 03 63 ·c10r·fa cebook·c
0050 6f 6d 00 00 01 00 01 c0 0c 00 01 00 01 00 00 00 om······ ········
0060 2e 00 04 b9 3c da 23 00 00 29 04 d0 00 00 00 00 ····<·#·· ·)····
0070 00 00 ··
Query Name (dns.qry.name), 29 bytes
Packets: 71592 · Displayed: 96 (0.1%)
Profile: Default


Activities
Applications
Wireshark
Sun May 9 15:18
*wlo1
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
dns
No. Time Source Destination Protocol Length Info
11742 29.803672401 192.168.1.1 192.168.1.101 DNS 162 Standard query response 0xaabb A discord.com A 162.159.128.23…
11745 29.808082018 192.168.1.1 192.168.1.101 DNS 158 Standard query response 0x4857 AAAA discord.com SOA gabe.ns.c…
25146 71.084918544 192.168.1.101 192.168.1.1 DNS 92 Standard query 0xddb4 A scontent.xx.fbcdn.net OPT
25148 71.085069275 192.168.1.101 192.168.1.1 DNS 92 Standard query 0xbe0a AAAA scontent.xx.fbcdn.net OPT
25149 71.090577541 192.168.1.1 192.168.1.101 DNS 108 Standard query response 0xddb4 A scontent.xx.fbcdn.net A 185…
25150 71.090577680 192.168.1.1 192.168.1.101 DNS 120 Standard query response 0xbe0a AAAA scontent.xx.fbcdn.net AAA…
25303 71.556701622 192.168.1.101 192.168.1.1 DNS 101 Standard query 0xdefc A scontent.fotp3-2.fna.fbcdn.net OPT
25304 71.556800300 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x328c AAAA scontent.fotp3-2.fna.fbcdn.net OPT
25306 71.557632394 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x0981 A scontent.fotp3-3.fna.fbcdn.net OPT
25310 71.561001412 192.168.1.1 192.168.1.101 DNS 129 Standard query response 0x328c AAAA scontent.fotp3-2.fna.fbcd…
25311 71.561217549 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0xdefc A scontent.fotp3-2.fna.fbcdn.n…
25313 71.561386638 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0x0981 A scontent.fotp3-3.fna.fbcdn.n…
25329 71.567635692 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x8b2d A scontent.fotp3-1.fna.fbcdn.net OPT
25330 71.567744781 192.168.1.101 192.168.1.1 DNS 101 Standard query 0x8747 AAAA scontent.fotp3-1.fna.fbcdn.net OPT
25356 71.571084847 192.168.1.1 192.168.1.101 DNS 117 Standard query response 0x8b2d A scontent.fotp3-1.fna.fbcdn.n…
25357 71.571084913 192.168.1.1 192.168.1.101 DNS 129 Standard query response 0x8747 AAAA scontent.fotp3-1.fna.fbcd…
26449 72.452356930 192.168.1.101 192.168.1.1 DNS 93 Standard query 0xaff9 A star.c10r.facebook.com OPT
26450 72.459860554 192.168.1.1 192.168.1.101 DNS 109 Standard query response 0xaff9 A star.c10r.facebook.com A 185…
26548 72.669254720 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xbc7c A star-mini.c10r.facebook.com OPT
26572 72.673312527 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0xbc7c A star-mini.c10r.facebook.com …
29021 77.008029194 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x18df AAAA star-mini.c10r.facebook.com OPT
29028 77.013856791 192.168.1.1 192.168.1.101 DNS 126 Standard query response 0x18df AAAA star-mini.c10r.facebook.c…
31435 82.992773283 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x1ac8 A star-mini.c10r.facebook.com OPT
31439 82.999949139 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0x1ac8 A star-mini.c10r.facebook.com …
51163 143.415932248 192.168.1.101 192.168.1.1 DNS 98 Standard query 0x4a90 A star-mini.c10r.facebook.com OPT
51164 143.416116522 192.168.1.101 192.168.1.1 DNS 98 Standard query 0xfb5b AAAA star-mini.c10r.facebook.com OPT
51174 143.422725957 192.168.1.1 192.168.1.101 DNS 114 Standard query response 0x4a90 A star-mini.c10r.facebook.com …
51175 143.422726062 192.168.1.1 192.168.1.101 DNS 126 Standard query response 0xfb5b AAAA star-mini.c10r.facebook.c…
54845 152.128608273 192.168.1.101 192.168.1.1 DNS 100 Standard query 0x51bc A connectivity-check.ubuntu.com OPT
54850 152.136014306 192.168.1.1 192.168.1.101 DNS 148 Standard query response 0x51bc A connectivity-check.ubuntu.co…
Frame 31435: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface wlo1, id 0
Ethernet II, Src: AzureWav_e5:76:65 (dc:f5:05:e5:76:65), Dst: Tp-LinkT_f9:82:50 (98:de:d0:f9:82:50)
Internet Protocol Version 4, Src: 192.168.1.101, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 59126, Dst Port: 53
Domain Name System (query)
Transaction ID: 0x1ac8
Flags: 0x0100 Standard query
Questions: 1
Answer RRs: 0
Authority RRs: 0
Additional RRs: 1
Queries
Additional records
[Response In: 31439]
0000 98 de d0 f9 82 50 dc f5 05 e5 76 65 08 00 45 00 ·····P···· ve··E·
0010 00 54 27 a8 40 00 40 11 8f 3a c9 a8 01 65 c0 a8 ·T'·@·@· ·:···e··
0020 01 01 e6 f6 00 35 00 40 f2 b5 1a c8 01 00 00 01 ····· 5·@ ·· ·····
0030 00 00 00 00 00 01 09 73 74 61 72 2d 6d 69 6e 69 ·····s tar-mini
0040 04 63 31 30 72 08 66 61 63 65 62 6f 6f 6b 03 63 ·c10r·fa cebook·c
0050 6f 6d 00 00 01 00 01 00 00 29 02 00 00 00 00 00 om····· ·)·····
0060 00 00 ··
Query Name (dns.qry.name), 29 bytes
Packets: 56306 · Displayed: 92 (0.2%)
Profile: Default