## **DNS**

1.

```
C:\Users\afons>nslookup www.aiit.or.kr
Server: UnKnown
Address: 192.168.0.1

DNS request timed out.
   timeout was 2 seconds.
Non-authoritative answer:
Name: www.aiit.or.kr
Address: 58.229.6.225
```

2.

```
Non-authoritative answer:
Name: ualg.pt
Address: 193.136.224.33
```

3.

```
Non-authoritative answer:
Name: yahoomail.com
Addresses: 124.108.115.100
212.82.100.150
106.10.248.150
98.136.103.23
74.6.136.150
```

- 4.UDP
- 5.53
- 6. 192.168.0.1
- 7.3
- 8.3
- 9. no
- 10. No request
- 11. dst 53, src 50701

- 12. 192.168.0.1
- 13. no answer, type A
- 14. 3 ansewers, lps

## 15.

```
Frame 199: 149 bytes on wire (1192 bits), 149 bytes captured (1192 bits) on interface \Device\NPF_{75C30A58-23A2-48C2-9A76-C7CA04D7A4}

Ethernet II, Src: tzte_98:02:59 (b0:0a:d5:98:02:59), Dst: Micro-St_ca:d0:03 (d8:bb:c1:ca:d0:03)

Internet Protocol Version 4, Src: 192.168.0.1, Dst: 192.168.0.111

User Datagram Protocol, Src Port: 53, Dst Port: 50701

Domain Name System (response)

Transaction ID: 0x3030

Flags: 0x8180 Standard query response, No error Questions: 1

Answer RRs: 3

Authority RRs: 0

Additional RRs: 0

Queries

www.ietf.org: type A, class IN

Name: www.ietf.org

[Name Length: 12]

[Label Count: 3]

Type: A (Host Address) (1)

Class: IN (0x0001)

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

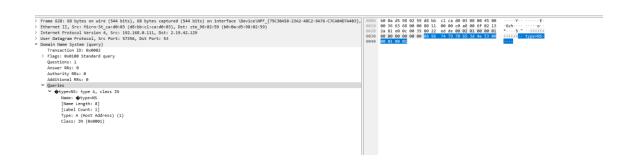
www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.45.99

[Request In: 185]

[Time: 0.040477000 seconds]
```

- 16. 2.19.42.129
- 17. NS, no
- 18. No responses

## 19.



- 20. 18.0.72.3, no
- 21. no message, AAAA, no
- 22. no response, no answers

## 23.

```
No. The Survey Control Protocol Large Destroton Protocol Large Destroton Protocol Large Destroton Side Discovery Control Side Discovery C
```

