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COSC370

Dr Lu

Lab 3

1. 208.217.8.3
2. 129.67.242.155 129.67.242.154
3. 18.72.8.3
4. UDP
5. Port 53
6. 8.8.8.8 Yes they’re the same
7. [type: A](about:blank) Answer RRs: 0
8. 2 Name, Type, Class, TTL, Data Length, Address
9. The first DNS response message
10. No
11. 53
12. 8.8.8.8 Yes
13. [type: A](about:blank) Answer RRs: 0
14. 2 Name, Type, Class, TTL, Data Length, Address/CNAME

Answers

settings-win.data.microsoft.com: type CNAME, class IN, cname settingsfd-geo.trafficmanager.net

Name: settings-win.data.microsoft.com

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

Class: IN (0x0001)

Time to live: 749 (12 minutes, 29 seconds)

Data length: 35

CNAME: settingsfd-geo.trafficmanager.net

settingsfd-geo.trafficmanager.net: type A, class IN, addr 20.36.218.63

Name: settingsfd-geo.trafficmanager.net

Type: A (Host Address) (1)

Class: IN (0x0001)

Time to live: 24 (24 seconds)

Data length: 4

Address: 20.36.218.63

1. ip.dst == 162.254.192.109 No, this is not the IP of my default DNS server
2. [mit.edu: type NS, class IN](about:blank) Answer RRs: 0

[bitsy.mit.edu: type A, class IN, addr 18.72.0.3](about:blank)

[strawb.mit.edu: type A, class IN, addr 18.71.0.151](about:blank)

[w20ns.mit.edu: type A, class IN, addr 18.70.0.160](about:blank)



Additional records

bitsy.mit.edu: type A, class IN, addr 18.72.0.3

strawb.mit.edu: type A, class IN, addr 18.71.0.151

w20ns.mit.edu: type A, class IN, addr 18.70.0.160

1. ip.dst == 18.72.0.3 No
2. Type: A Answer RRs: 0
3. Answer RRs: 1 Name, Type, Class, TTL, Data Length, Address

Answers

www.aiit.or.kr: type A, class IN, addr 218.36.94.200

Name: www.aiit.or.kr

Type: A (Host Address) (1)

Class: IN (0x0001)

Time to live: 3338 (55 minutes, 38 seconds)

Data length: 4

Address: 218.36.94.200