DNS LAB

NSLOOKUP

1.) 23.43.108.112 www.rediff.com

2.) nslookup -type=NS [uoi.gr](http://uoi.gr)

83.212.5.22

83.212.5.18

3.) nslookup mail.yahoo.com

98.138.79.21

98.139.21.169

IP CONFIG

4.) DNS query 140 [www.left.org](http://www.left.org)

UDP

5.)

53 destination

56634 is source port

6.)

1.18.128.128

1.85.1.87

not the same

7.)No answer

8.)3

2 type A

1 type C

9.) pack num: 1111

TCP SYN send to IP address 104.20.1.85

So yes it does correspond

10.)304 Not modified, it does not request anything. No new DNS query to retrieve image.

11.) 53 desinstaion

68069 source

12.) to the fontbonne wifi 10.128.128.128

Yes the default local DNS server

13.) 0 no type message

14.) 3 answers

2 Type C, alias name

1 Type A, dns

15.) in phone

16.) local 10.128.128.128.Yes

17.) type NS. No answers

18.) this response message also response is type NS and ip of all servers.

Yes it provides type A and the name of all the servers

19.) in phone

20.) ww.aiit.or.kr

marina.no[c](http://marina.nos.oi.gr).uoi.gr

yes. it responds to local server 10.128.128.128

21.) Type A. No answers

22.) Type NS. 6 answers.

They contain the ip address of each of them

23.) in phone