#1 Ερώτηση

```
Debian11.6-1
                                                                                                                                                                                                                     PC1
                                                                                                                                                                                                                                                                                                                      \oplus
                                                                                                                    Mikrotik-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ×
    admin@MikroTik] >
lags: D - DYNAMIC
                nns: ADDRESS, NETWORK, INTERFACE
     Diumns: ADDRESS, NETWORK, INTERFACE
ADDRESS NETWORK INTERFACE
D 192.168.5.135/24 192.168.5.0 ether1
108.45.37.1/24 108.45.37.0 ether2
108.45.38.1/24 108.45.38.0 ether3
    108.45.38.1/24 108.45.38.0 ether3
admin@WikroTik] > ip/route/print
lags: D - DYNAMIC; A - ACTIVE; c, d, y - COPY
olumns: DST-ADDRESS, GATEWAY, DISTANCE
DST-ADDRESS GATEWAY DISTANCE
Ad 0.0.0.0/0 192.168.5.2 1
Ac 108.45.37.0/24 ether2 0
Ac 108.45.38.0/24 ether3 0
Ac 192.168.5.0/24 ether1 0
admin@WikroTik] > ip/dhcp-client/orint
     admin@likorik] > ip/dhcp-client/print
plumns: INTERFACE, USE-PEER-DNS, ADD-DEFAULT-ROUTE, STATUS, ADDRESS
INTERFACE USE-PEER-DNS ADD-DEFAULT-ROUTE STATUS ADDRESS
INTERFACE USE-PEER-DNS ADD-DEFAULT-ROUTE STATUS ADDRESS
     INTERFACE USE-PEER-DNS ADD-D
ether1 yes yes
admin@WikroTik] > ping 8.8.8.8
SEQ HOST
0 8.8.8.8
1 8.8.8.8
2 8.8.8.8
3 8 8 8 8
                                                                                                                                                            SIZE TTL TIME
56 128 43ms222us
56 128 42ms944us
56 128 43ms523us
56 128 43ms18us
56 128 43ms18us
56 128 43ms156us
56 128 43ms216us
56 128 42ms216us
56 128 42ms216us
                                                                                                                                                                                                                           STATUS
             4 8.8.8.8
5 8.8.8.8
     solarwinds | Solar-PuTTY free tool
                                                                                                                                                                                                                                                                                                                           © 2019 SolarWinds Worldwide, LLC. All rights reserved.
[admin@*ikroTik] > /tool/traceroute 8.8.8.8

Columns: ADDRESS, LOSS, SENT, LAST, AVG, BEST, WORST, STD-DEV

# ADDRESS LOSS SENT LAST AVG BEST WORST STD-DEV

1 192.168.5.2 0% 19 0.6ms 0.5 0.4 0.9 0.1

2 192.168.1.1 0% 19 5.4ms 3.6 3.2 5.4 0.5

3 80.106.125.100 0% 19 7.7ms 5.8 4.7 7.7 0.9

4 79.128.234.170 0% 19 5.7ms 6.5 5.1 17.9 2.8

5 79.128.229.22 0% 18 10.5ms 9.6 9.1 10.5 0.4

6 62.75.3.13 0% 18 9.3ms 9.8 7.9 11 0.8

7 62.75.27.37 0% 18 42.6ms 43.1 42.2 44.3 0.5

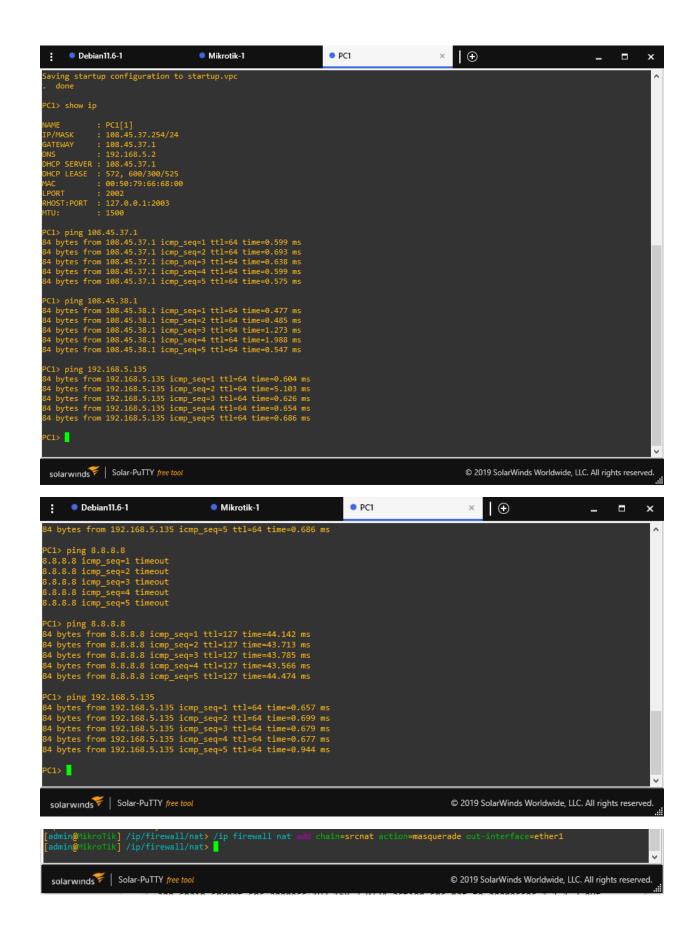
8 74.125.51.154 0% 18 43.4ms 44.1 43.1 46.1 0.9

9 142.251.65.71 0% 18 44ms 44.5 42.9 47.8 1.1

10 142.250.214.189 0% 18 41.8ms 42.2 41.2 46.2 1

1 8.8.8.8 0% 18 41.9ms 42.2 41.2 46.2 1
          [Q quit|D dump|C-z pause]
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                                                                                                                                                                                                                                                                                                                           © 2019 SolarWinds Worldwide, LLC. All rights reserved.
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#2 Ερώτηση



#3 Ερώτηση

```
Debian11.6-1
                                                                                                                                     Mikrotik-1
                                                                                                                                                                                                                                                    PC1
                                                                                                                                                                                                                                                                                                                                                                   | ⊕
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ×
                                                                              -o[neline] | -t[imestamp] | -ts[hort] | -b[atch] [filena
-rc[vbuf] [size] | -n[etns] name | -N[umeric] | -a[ll] |
 debian@debian:~§ ip a

1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6::1/128 scope host
valid_lft forever preferred_lft forever
2: ens3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
link/ether 0c:d8:d5:6f:00:00 brd ff:ff:ff:ff:ff
altamme enn083
link/ether 0c:d8:d5:6f:00:00 brd ff:ff:ff:ff:ff:ff
altname enp0s3
inet 108.45.38.254/24 brd 108.45.38.255 scope global dynamic ens3
valid_lft 502sec preferred_lft 502sec
inet6 fe80::ed8:d5ff:fe6f:0/64 scope link
valid_lft forever preferred_lft forever
debian@debian:~$ sudo traceroute 8.8.8.8
traceroute to 8.8.8.8 (8.8.8.8), 30 hops max, 60 byte packets
1 lo0-100.WASHDC-VFTTP-325.verizon-gni.net (108.45.38.1) 0.947 ms 2.125 ms 2.112 ms
2 192.168.5.2 (192.168.5.2) 3.374 ms 3.716 ms 3.706 ms
30 * * * *

debian@debian:~$ ping 8.8.8.8

PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.

64 bytes from 8.8.8.8: icmp_seq=1 ttl=127 time=43.1 ms

64 bytes from 8.8.8.8: icmp_seq=2 ttl=127 time=43.3 ms

64 bytes from 8.8.8.8: icmp_seq=3 ttl=127 time=43.5 ms

64 bytes from 8.8.8.8: icmp_seq=4 ttl=127 time=44.0 ms

64 bytes from 8.8.8.8: icmp_seq=5 ttl=127 time=44.3 ms

64 bytes from 8.8.8.8: icmp_seq=6 ttl=127 time=44.3 ms

64 bytes from 8.8.8.8: icmp_seq=6 ttl=127 time=44.3 ms
  --- 8.8.8.8 ping statistics ---
5 packets transmitted, 6 received, 0% packet loss, time 5009ms
rtt min/avg/max/mdev = 43.132/43.769/44.340/0.473 ms
debian@debian:~$
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                                                                                                                                                                                                                                                                                                                                    © 2019 SolarWinds Worldwide, LLC. All rights reserved.
```

```
lebian@debian:~$ telnet 192.168.5.135
rying 192.168.5.135...
connected to 192.168.5.135.
scape character is '^]'.
 KKK
KKK
III KKK KKK
III KKK KKK
                                                                                                                III KKK KKK
[admin@MikroTik] >
[admin@MikroTik] >
telnet> ^C
Connection closed by foreign host.
debian@debian:~$
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                                                                                                                                                        © 2019 SolarWinds Worldwide, LLC. All rights reserved.
debian@debian:~$ ssh admin@192.168.5.135

The authenticity of host '192.168.5.135 (192.168.5.135)' can't be established.

RSA key fingerprint is SHA256:Vzxawv98Veo6Dk0ImTUVon1SebFRs50E1M83EujdzHI.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '192.168.5.135' (RSA) to the list of known hosts.

admin@192.168.5.135's password:
 admin@MikroTik] >
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```

