

ΑΝΑΦΟΡΑ ΓΙΑ ΤΟ 6^ο ΕΡΓΑΣΤΗΡΙΟ ΣΤΑ ΔΙΚΤΥΑ

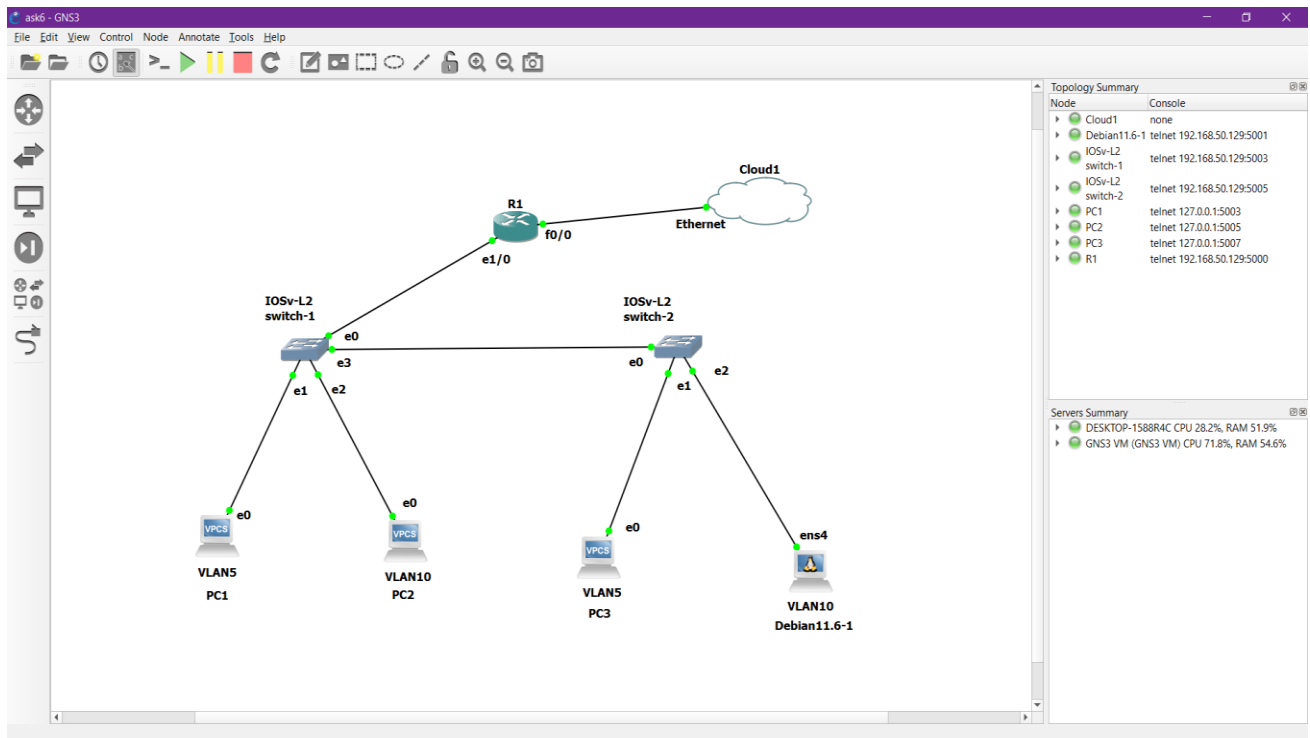
ΥΠΟΛΟΓΙΣΤΩΝ

ΑΜ = 1070263

Ον/μο = ΣΠΥΡΟ ΣΟΥΛΙ

Έτος = 6^ο

Υλοποίηση



ping / traceroute 8.8.8.8

```
1070263(config)#exit
1070263#wr
Building configuration...
[OK]
1070263#
*May 26 14:07:53.623: %SYS-5-CONFIG_I: Configured from console by console
1070263#enable
1070263#conf t
Enter configuration commands, one per line. End with CNTL/Z.
1070263(config)#hostname 107263
% Hostname contains one or more illegal characters.

107263(config)#exit
107263#wr
*May 26 14:08:36.983: %SYS-5-CONFIG_I: Configured from console by console
107263#wr
Building configuration...
[OK]
107263#wr
Building configuration...
[OK]
107263#ping 8.8.8.8
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 8.8.8.8, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 28/52/140 ms
107263#traceroute 8.8.8.8
Type escape sequence to abort.
Tracing the route to 8.8.8.8
VRF info: (vrf in name/id, vrf out name/id)
 0 192.168.1.254 104 msec 12 msec 12 msec
 1 10.13.255.65 12 msec 12 msec 8 msec
 2 62.169.240.246 12 msec 12 msec 8 msec
 3 62.169.241.164 16 msec 20 msec 20 msec
 4 62.169.224.67 20 msec
 5 185.3.220.117 20 msec 24 msec
 6 10.13.255.1 16 msec * 12 msec
 7 185.3.220.118 24 msec 20 msec 20 msec
 8 * * *
 9 108.170.250.161 24 msec
10 142.251.92.1 32 msec
11 108.170.250.177 32 msec
12 142.251.227.249 28 msec
13 216.239.46.221 28 msec
14 172.253.73.21 32 msec
15 11 8.8.8.8 32 msec 32 msec 28 msec
107263#
```

show ip dhcp binding

```
107263(config)#exit
107263#wr
*May 26 14:08:36.983: %SYS-5-CONFIG_I: Configured from console by console
107263#wr
Building configuration...
[OK]
107263#wr
Building configuration...
[OK]
107263#ping 8.8.8.8
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 8.8.8.8, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 28/52/140 ms
107263#traceroute 8.8.8.8
Type escape sequence to abort.
Tracing the route to 8.8.8.8
VRF info: (vrf in name/id, vrf out name/id)
 1 192.168.1.254 104 msec 12 msec 12 msec
 2 10.13.255.65 12 msec 12 msec 8 msec
 3 62.169.240.246 12 msec 12 msec 8 msec
 4 62.169.241.164 16 msec 20 msec 20 msec
 5 62.169.224.67 20 msec
 185.3.220.117 20 msec 24 msec
 6 10.13.255.1 16 msec * 12 msec
 7 185.3.220.118 24 msec 20 msec 20 msec
 8 * * *
 9 108.170.250.161 24 msec
 142.251.92.1 32 msec
 108.170.250.177 32 msec
10 142.251.227.249 28 msec
 216.239.46.221 28 msec
 172.253.73.21 32 msec
11 8.8.8.8 32 msec 32 msec 28 msec
107263#show ip dhcp binding
Bindings from all pools not associated with VRF:
IP address      Client-ID/      Lease expiration    Type
                Hardware address/
                User name
107.2.63.2      0100.5079.6668.02    May 27 2023 02:20 PM    Automatic
107.2.63.3      0100.5079.6668.00    May 27 2023 02:20 PM    Automatic
107.2.63.130    ffdb.8400.0000.0100.    May 27 2023 01:37 PM    Automatic
                012c.0205.750c.72db.
                8400.00
107.2.63.131    0100.5079.6668.01    May 27 2023 02:19 PM    Automatic
107263#
```

show ip dhcp pool

```
3 62.169.240.246 12 msec 12 msec 8 msec
4 62.169.241.164 16 msec 20 msec 20 msec
5 62.169.224.67 20 msec
  185.3.220.117 20 msec 24 msec
6 10.13.255.1 16 msec * 12 msec
7 185.3.220.118 24 msec 20 msec 20 msec
8 * * *
9 108.170.250.161 24 msec
  142.251.92.1 32 msec
  108.170.250.177 32 msec
10 142.251.227.249 28 msec
  216.239.46.221 28 msec
  172.253.73.21 32 msec
11 8.8.8.8 32 msec 32 msec 28 msec
107263#show ip dhcp binding
Bindings from all pools not associated with VRF:
IP address      Client-ID/      Lease expiration    Type
                  Hardware address/
                  User name
107.2.63.2      0100.5079.6668.02    May 27 2023 02:20 PM  Automatic
107.2.63.3      0100.5079.6668.00    May 27 2023 02:20 PM  Automatic
107.2.63.130     ffd8.8400.0000.0100.  May 27 2023 01:37 PM  Automatic
                  012c.0205.750c.72db.
                  8400.00
107.2.63.131     0100.5079.6668.01    May 27 2023 02:19 PM  Automatic
107263#show ip dhcp pool

Pool 1070263-1DHCP :
Utilization mark (high/low)    : 100 / 0
Subnet size (first/next)       : 0 / 0
Total addresses                 : 126
Leased addresses               : 2
Pending event                   : none
1 subnet is currently in the pool :
Current index      IP address range      Leased addresses
107.2.63.4         107.2.63.1 - 107.2.63.126    2

Pool 1070263-2DHCP :
Utilization mark (high/low)    : 100 / 0
Subnet size (first/next)       : 0 / 0
Total addresses                 : 126
Leased addresses               : 2
Pending event                   : none
1 subnet is currently in the pool :
Current index      IP address range      Leased addresses
107.2.63.132       107.2.63.129 - 107.2.63.254    2
107263#
```

L2 switch-1 και L2 switch-2 εκτελέστε show mac address-table

vIOS-L2-01 con0 is now available

Press RETURN to get started.

```
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* *                                                                *
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* http://www.cisco.com/go/eula                                    *
* *                                                                *
* Unauthorized use or distribution of this software is expressly  *
* Prohibited.                                                     *
*****
```

vIOS-L2-01>show mac address-table

```
Mac Address Table
-----
Vlan    Mac Address      Type      Ports
----    -
1       0cc1.8f1c.0000   DYNAMIC   Gi0/3
1       ca01.05c6.001c   DYNAMIC   Gi0/0
Total Mac Addresses for this criterion: 2
vIOS-L2-01>
```

vIOS-L2-01 con0 is now available

Press RETURN to get started.

```
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* http://www.cisco.com/go/eula                                    *
* *                                                                *
* Unauthorized use or distribution of this software is expressly  *
* Prohibited.                                                     *
*****
```

vIOS-L2-01>show mac address-table

```
Mac Address Table
-----
Vlan    Mac Address      Type      Ports
----    -
1       0c1b.eb18.0003   DYNAMIC   Gi0/0
1       ca01.05c6.001c   DYNAMIC   Gi0/0
Total Mac Addresses for this criterion: 2
vIOS-L2-01>
```

Δείξτε τις IP διευθύνσεις όλων των τερματικών (PC1, PC2, PC3 και Debian)

```
Welcome to Virtual PC Simulator, version 0.6.2
Dedicated to Daling.
Build time: Apr 10 2019 02:42:20
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Source code and license can be found at vpcs.sf.net.
For more information, please visit wiki.freecode.com.cn.

Press '?' to get help.

Executing the startup file

PC1> dhcp
DDORA IP 107.2.63.3/25 GW 107.2.63.129

PC1> save
Saving startup configuration to startup.vpc
. done

PC1> ip a
No router answered ICMPv6 Router Solicitation

PC1> show ip
NAME       : PC1[1]
IP/MASK    : 107.2.63.3/25
GATEWAY    : 107.2.63.129
DNS        : 8.8.8.8
DHCP SERVER : 107.2.63.1
DHCP LEASE  : 85980, 86400/43200/75600
MAC        : 00:50:79:66:68:00
LPORT      : 10006
RHOST:PORT  : 127.0.0.1:10007
MTU        : 1500

PC1> █
```

```
Dedicated to Daling.
Build time: Apr 10 2019 02:42:20
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For more information, please visit wiki.freecode.com.cn.

Press '?' to get help.

Executing the startup file

PC2> DHCP
Bad command: "DHCP". Use ? for help.

PC2> dhcp
DDORA IP 107.2.63.131/25 GW 107.2.63.129

PC2> wr
Bad command: "wr". Use ? for help.

PC2> write
Bad command: "write". Use ? for help.

PC2> wr
Bad command: "wr". Use ? for help.

PC2> save
Saving startup configuration to startup.vpc
. done

PC2> show ip
NAME       : PC2[1]
IP/MASK    : 107.2.63.131/25
GATEWAY    : 107.2.63.129
DNS        : 8.8.8.8
DHCP SERVER : 107.2.63.129
DHCP LEASE  : 85893, 86400/43200/75600
MAC        : 00:50:79:66:68:01
LPORT      : 10004
RHOST:PORT  : 127.0.0.1:10005
MTU        : 1500

PC2> █
```

```

Welcome to Virtual PC Simulator, version 0.6.2
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For more information, please visit wiki.freecode.com.cn.

Press '?' to get help.

Executing the startup file

PC3>dhcp
DDORA IP 107.2.63.2/25 GW 107.2.63.129

PC3> save
Saving startup configuration to startup.vpc
. done

PC3> show ip
NAME          : PC3[1]
IP/MASK       : 107.2.63.2/25
GATEWAY       : 107.2.63.129
DNS           : 8.8.8.8
DHCP SERVER   : 107.2.63.1
DHCP LEASE    : 85903, 86400/43200/75600
MAC           : 00:50:79:66:68:02
LPORT        : 10008
RHOST:PORT    : 127.0.0.1:10009
MTU           : 1500

PC3> █

```

```

inet6 fe80::e72:dbff:fe84:0/64 scope link
    valid_lft forever preferred_lft forever
root@debian:/home/debian# show ip
bash: show: command not found
root@debian:/home/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 00:00:00:00:00:00
    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: ens4: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 0c:72:db:84:00:00 brd ff:ff:ff:ff:ff:ff
    altname enp0s4
    inet 107.2.63.130/25 brd 107.2.63.255 scope global dynamic ens4
        valid_lft 83312sec preferred_lft 83312sec
    inet6 fe80::e72:dbff:fe84:0/64 scope link
        valid_lft forever preferred_lft forever
root@debian:/home/debian# ping 8.8.8.8
ping: connect: Network is unreachable
root@debian:/home/debian# sudo dhclient
root@debian:/home/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=115 time=139 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=115 time=45.5 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=115 time=65.7 ms
^C
--- 8.8.8.8 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 45.485/83.486/139.310/40.323 ms
root@debian:/home/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 00:00:00:00:00:00
    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: ens4: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 0c:72:db:84:00:00 brd ff:ff:ff:ff:ff:ff
    altname enp0s4
    inet 107.2.63.130/25 brd 107.2.63.255 scope global dynamic ens4
        valid_lft 83200sec preferred_lft 83200sec
    inet 107.2.63.132/25 brd 107.2.63.255 scope global secondary dynamic ens4
        valid_lft 86387sec preferred_lft 86387sec
    inet6 fe80::e72:dbff:fe84:0/64 scope link
        valid_lft forever preferred_lft forever
root@debian:/home/debian# █

```

ping / traceroute 8.8.8.8 PC1,PC2,PC3 Debian και ping google.com

```
6 adsl-117.185.3.220.tellas.gr (185.3.220.117) 43.177 ms 49.474 ms 62.169.224.67 (62.169.224.67) 3
8.817 ms
7 10.13.255.1 (10.13.255.1) 39.128 ms * *
8 adsl-118.185.3.220.tellas.gr (185.3.220.118) 39.174 ms 39.304 ms 39.374 ms
9 * * *
10 142.251.92.1 (142.251.92.1) 56.191 ms 108.170.250.177 (108.170.250.177) 56.484 ms 142.251.92.65 (
142.251.92.65) 56.347 ms
11 172.253.65.43 (172.253.65.43) 56.257 ms 142.250.60.19 (142.250.60.19) 56.609 ms 172.253.65.31 (17
2.253.65.31) 55.574 ms
12 dns.google (8.8.8.8) 48.010 ms 47.507 ms 47.280 ms
root@debian:/home/debian# ^C
root@debian:/home/debian# traceroute 8.8.8.8
traceroute to 8.8.8.8 (8.8.8.8), 30 hops max, 60 byte packets
1 c-107-2-63-129.hsd1l.az.comcast.net (107.2.63.129) 18.421 ms 19.286 ms 19.210 ms
2 * 192.168.1.254 (192.168.1.254) 44.892 ms 44.875 ms
3 * 10.13.255.65 (10.13.255.65) 44.927 ms 44.865 ms
4 62.169.240.246 (62.169.240.246) 44.834 ms 44.856 ms 44.813 ms
5 62.169.241.164 (62.169.241.164) 51.542 ms 51.549 ms 51.616 ms
6 adsl-117.185.3.220.tellas.gr (185.3.220.117) 51.393 ms 58.656 ms 62.169.224.67 (62.169.224.67) 4
1.202 ms
7 10.13.255.1 (10.13.255.1) 40.852 ms * *
8 adsl-118.185.3.220.tellas.gr (185.3.220.118) 40.939 ms 40.986 ms 41.148 ms
9 * * *
10 142.251.92.65 (142.251.92.65) 51.752 ms 108.170.250.161 (108.170.250.161) 51.647 ms 108.170.250.1
77 (108.170.250.177) 52.093 ms
11 142.250.60.31 (142.250.60.31) 51.901 ms 209.85.242.141 (209.85.242.141) 51.993 ms 209.85.248.179
(209.85.248.179) 50.451 ms
12 dns.google (8.8.8.8) 40.416 ms 51.905 ms 68.859 ms
root@debian:/home/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=115 time=56.8 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=115 time=52.5 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=115 time=49.4 ms
^C
--- 8.8.8.8 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 49.381/52.900/56.846/3.062 ms
root@debian:/home/debian# ping google.com
PING google.com (172.217.17.110) 56(84) bytes of data.
64 bytes from sof02s47-in-f14.1e100.net (172.217.17.110): icmp_seq=1 ttl=115 time=49.1 ms
64 bytes from ams15s29-in-f110.1e100.net (172.217.17.110): icmp_seq=2 ttl=115 time=52.1 ms
64 bytes from ams15s29-in-f14.1e100.net (172.217.17.110): icmp_seq=3 ttl=115 time=48.0 ms
^C
--- google.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2004ms
rtt min/avg/max/mdev = 47.995/49.744/52.094/1.726 ms
root@debian:/home/debian#
```

```
Press '?' to get help.

Executing the startup file

PC1> dhcp
DDORA IP 107.2.63.3/25 GW 107.2.63.129

PC1> save
Saving startup configuration to startup.vpc
. done

PC1> ip a
No router answered ICMPv6 Router Solicitation

PC1> show ip

NAME          : PC1[1]
IP/MASK       : 107.2.63.3/25
GATEWAY       : 107.2.63.129
DNS           : 8.8.8.8
DHCP SERVER   : 107.2.63.1
DHCP LEASE    : 85980, 86400/43200/75600
MAC           : 00:50:79:66:68:00
LPORT        : 10006
RHOST:PORT    : 127.0.0.1:10007
MTU           : 1500

PC1> ping 8.8.8.8
host (107.2.63.129) not reachable

PC1> dhcp
DORA IP 107.2.63.3/25 GW 107.2.63.129

PC1> save
Saving startup configuration to startup.vpc
. done

PC1> ping 8.8.8.8
host (107.2.63.129) not reachable

PC1> ping google.com
host (107.2.63.129) not reachable
Cannot resolve google.com

PC1>
```


Executing the startup file

PC2> DHCP
Bad command: "DHCP". Use ? for help.

PC2> dhcp
DDORA IP 107.2.63.131/25 GW 107.2.63.129

PC2> wr
Bad command: "wr". Use ? for help.

PC2> write
Bad command: "write". Use ? for help.

PC2> wr
Bad command: "wr". Use ? for help.

PC2> save
Saving startup configuration to startup.vpc
. done

PC2> show ip

```
NAME       : PC2[1]
IP/MASK    : 107.2.63.131/25
GATEWAY    : 107.2.63.129
DNS        : 8.8.8.8
DHCP SERVER : 107.2.63.129
DHCP LEASE  : 85893, 86400/43200/75600
MAC        : 00:50:79:66:68:01
LPORT      : 10004
RHOST:PORT  : 127.0.0.1:10005
MTU        : 1500
```

PC2> ping 8.8.8.8
84 bytes from 8.8.8.8 icmp_seq=1 ttl=115 time=120.075 ms
84 bytes from 8.8.8.8 icmp_seq=2 ttl=115 time=45.009 ms
84 bytes from 8.8.8.8 icmp_seq=3 ttl=115 time=42.790 ms

PC2> ping google.com
google.com resolved to 142.250.187.142
84 bytes from 142.250.187.142 icmp_seq=1 ttl=115 time=41.618 ms
84 bytes from 142.250.187.142 icmp_seq=2 ttl=115 time=42.066 ms

PC2> █

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Press '?' to get help.

Executing the startup file

PC3>dhcp
DDORA IP 107.2.63.2/25 GW 107.2.63.129

PC3> save
Saving startup configuration to startup.vpc
. done

PC3> show ip

```
NAME       : PC3[1]
IP/MASK    : 107.2.63.2/25
GATEWAY    : 107.2.63.129
DNS        : 8.8.8.8
DHCP SERVER : 107.2.63.1
DHCP LEASE  : 85903, 86400/43200/75600
MAC        : 00:50:79:66:68:02
LPORT      : 10008
RHOST:PORT  : 127.0.0.1:10009
MTU        : 1500
```

PC3> ping 8.8.8.8
host (107.2.63.129) not reachable

PC3> ping google.com
host (107.2.63.129) not reachable
Cannot resolve google.com

PC3> █

Από το τερματικό debian εκτελέσετε traceroute προς τα υπόλοιπα τερματικά

```
root@debian:/home/debian# traceroute 8.8.8.8
traceroute to 8.8.8.8 (8.8.8.8), 30 hops max, 60 byte packets
 1  c-107-2-63-129.hsd1.az.comcast.net (107.2.63.129)  18.421 ms  19.286 ms  19.210 ms
 2  * 192.168.1.254 (192.168.1.254)  44.892 ms  44.875 ms
 3  * 10.13.255.65 (10.13.255.65)  44.927 ms  44.865 ms
 4  62.169.240.246 (62.169.240.246)  44.834 ms  44.856 ms  44.813 ms
 5  62.169.241.164 (62.169.241.164)  51.542 ms  51.549 ms  51.616 ms
 6  ads1-117.185.3.220.tellas.gr (185.3.220.117)  51.393 ms  58.656 ms  62.169.224.67 (62.169.224.67)  41.202 ms
 7  10.13.255.1 (10.13.255.1)  40.852 ms * *
 8  ads1-118.185.3.220.tellas.gr (185.3.220.118)  40.939 ms  40.986 ms  41.148 ms
 9  * * *
10  142.251.92.65 (142.251.92.65)  51.752 ms 108.170.250.161 (108.170.250.161)  51.647 ms 108.170.250.177 (108.170.250.177)  52.093 ms
11  142.250.60.31 (142.250.60.31)  51.901 ms 209.85.242.141 (209.85.242.141)  51.993 ms 209.85.248.179 (209.85.248.179)  50.451 ms
12  dns.google (8.8.8.8)  40.416 ms  51.905 ms  68.859 ms
root@debian:/home/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=115 time=56.8 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=115 time=52.5 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=115 time=49.4 ms
^C
--- 8.8.8.8 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 49.381/52.900/56.846/3.062 ms
root@debian:/home/debian# ping google.com
PING google.com (172.217.17.110) 56(84) bytes of data.
64 bytes from sof02s47-in-f14.1e100.net (172.217.17.110): icmp_seq=1 ttl=115 time=49.1 ms
64 bytes from ams15s29-in-f110.1e100.net (172.217.17.110): icmp_seq=2 ttl=115 time=52.1 ms
64 bytes from ams15s29-in-f14.1e100.net (172.217.17.110): icmp_seq=3 ttl=115 time=48.0 ms
^C
--- google.com ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2004ms
rtt min/avg/max/mdev = 47.995/49.744/52.094/1.726 ms
root@debian:/home/debian# traceroute 107.2.63.2
traceroute to 107.2.63.2 (107.2.63.2), 30 hops max, 60 byte packets
 1  c-107-2-63-129.hsd1.az.comcast.net (107.2.63.129)  19.412 ms  20.275 ms  20.215 ms
 2  c-107-2-63-2.hsd1.az.comcast.net (107.2.63.2)  3074.818 ms * *
root@debian:/home/debian# traceroute 107.2.63.131
traceroute to 107.2.63.131 (107.2.63.131), 30 hops max, 60 byte packets
 1  c-107-2-63-131.hsd1.az.comcast.net (107.2.63.131)  34.631 ms  34.617 ms  34.712 ms
root@debian:/home/debian# traceroute 107.2.63.3
traceroute to 107.2.63.3 (107.2.63.3), 30 hops max, 60 byte packets
 1  c-107-2-63-129.hsd1.az.comcast.net (107.2.63.129)  22.354 ms  23.750 ms  23.697 ms
 2  c-107-2-63-3.hsd1.az.comcast.net (107.2.63.3)  3064.660 ms * *
root@debian:/home/debian#
```

1 βήμα για το ίδιο VLAN και 2 βήματα για διαφορετικό VLAN

Υποβολή Εργασίας

Απότι θα δείτε ενώ έχουν γίνει όλες οι εντολές σωστά βγάξει αυτό το θέμα

Εγινε κανονικά το `sudo apt-get update && sudo apt-get install telnet gcc`

Το `wget https://github.com/kyrg/gns3-test/raw/main/6th_Ergasia.sh.x`

Και το `chmod ogu+x 6th_Ergasia.sh.x`

Το πρόβλημα δημιουργείται στο `sudo ./6th_Ergasia.sh.x`

```
--2023-05-26 14:44:30-- https://github.com/kyrg/gns3-test/raw/main/
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 404 Not Found
2023-05-26 14:44:31 ERROR 404: Not Found.

--2023-05-26 14:44:31-- http://6th/
Resolving 6th (6th)... failed: Name or service not known.
wget: unable to resolve host address '6th'
--2023-05-26 14:44:31-- http://_ergasia.sh.x/
Resolving _ergasia.sh.x (_ergasia.sh.x)... failed: Name or service not known.
wget: unable to resolve host address '_ergasia.sh.x'
root@debian:/home/debian# wget https://github.com/kyrg/gns3-test/blob/main/6th_Ergasia.sh.x
--2023-05-26 14:45:08-- https://github.com/kyrg/gns3-test/blob/main/6th_Ergasia.sh.x
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: '6th_Ergasia.sh.x'

6th_Ergasia.sh.x      [ <=>          ] 140.41K  533KB/s   in 0.3s

2023-05-26 14:45:09 (533 KB/s) - '6th_Ergasia.sh.x' saved [143776]

root@debian:/home/debian# chmod ogu+x 6th_Ergasia.sh.x
root@debian:/home/debian# sudo ./6th_Ergasia.sh.x
./6th_Ergasia.sh.x: 9: Syntax error: newline unexpected
root@debian:/home/debian# sudo ./6th_Ergasia.sh.x
bash: sudo ./6th_Ergasia.sh.x: No such file or directory
root@debian:/home/debian# sudo ./6th_Ergasia.sh.x
./6th_Ergasia.sh.x: 9: Syntax error: newline unexpected
root@debian:/home/debian# wget https://github.com/kyrg/gns3-test/blob/main/6th_Ergasia.sh.x
--2023-05-26 15:33:39-- https://github.com/kyrg/gns3-test/blob/main/6th_Ergasia.sh.x
Resolving github.com (github.com)... 140.82.121.3
Connecting to github.com (github.com)|140.82.121.3|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: '6th_Ergasia.sh.x.1'

6th_Ergasia.sh.x.1    [ <=>          ] 140.41K  401KB/s   in 0.3s

2023-05-26 15:33:40 (401 KB/s) - '6th_Ergasia.sh.x.1' saved [143776]

root@debian:/home/debian# chmod ogu+x 6th_Ergasia.sh.x
root@debian:/home/debian# sudo ./6th_Ergasia.sh.x
./6th_Ergasia.sh.x: 9: Syntax error: newline unexpected
root@debian:/home/debian#
```

ΤΕΛΟΣ