

UNIVERSIDAD DE SAN CARLOS DE GUATEMALA
ESCUELA DE CIENCIAS Y SISTEMAS
FACULTAD DE INGENIERIA
REDES DE COMPUTADORAS 1

PRACTICA 1

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CONFIGURACION DE LAS VPC

PABLO OLIVA IP 192.168.14.10

```
PC1> sh
```

NAME	IP/MASK	GATEWAY	MAC	LPORT	RHOST:PORT
PC1	192.168.14.10/24	192.168.14.1	00:50:79:66:68:00	14002	127.0.0.1:14003
	fe80::250:79ff:fe66:6800/64				

SUSETH GODINEZ IP 192.168.14.40

```
PC4> SH
Bad command: "SH". Use ? for help.

PC4> sh
```

NAME	IP/MASK	GATEWAY	MAC	LPORT	RHOST:PORT
PC4	192.168.14.40/24	192.168.14.1	00:50:79:66:68:03	10006	127.0.0.1:10007
	fe80::250:79ff:fe66:6803/64				

```
PC4>
```

HENRY PERALTA 192.168.14.20

```
PC2> sh
```

NAME	IP/MASK	GATEWAY	MAC	LPORT	RHOST:PORT
PC2	192.168.14.20/24	192.168.14.1	00:50:79:66:68:01	10010	127.0.0.1:10011
	fe80::250:79ff:fe66:6801/64				

```
PC2>
```

AYBSON MERCADO IP 192.168.14.30

```
amercado - PC3 - telnet localhost 5007 - 109x24

Press '?' to get help.

Executing the startup file

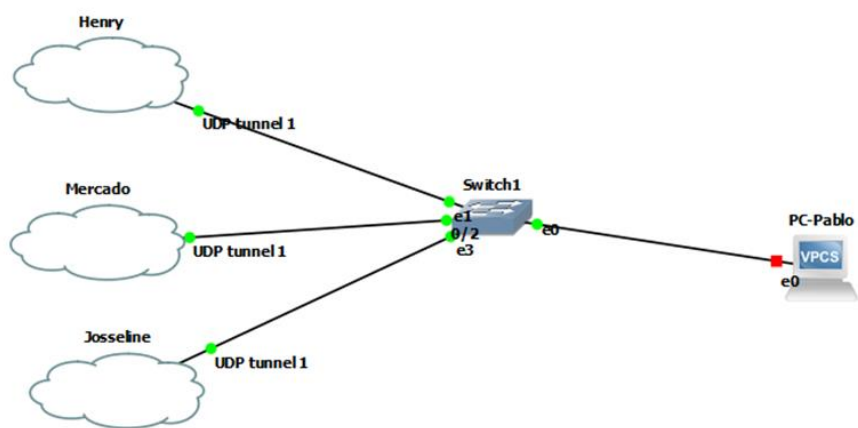
Checking for duplicate address...
PC3 : 192.168.14.30 255.255.255.0 gateway 192.168.14.1

[PC3> sh
```

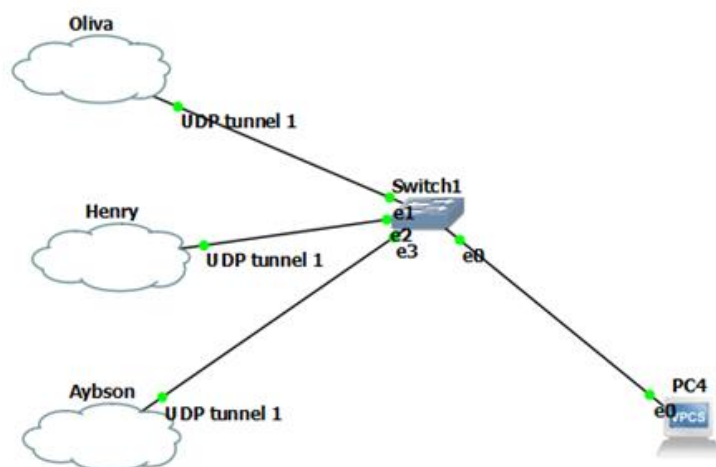
NAME	IP/MASK	GATEWAY	MAC	LPORT	RHOST:PORT
PC3	192.168.14.30/24	192.168.14.1	00:50:79:66:68:02	10006	127.0.0.1:10007
	fe80::250:79ff:fe66:6802/64				

TOPOLOGIA

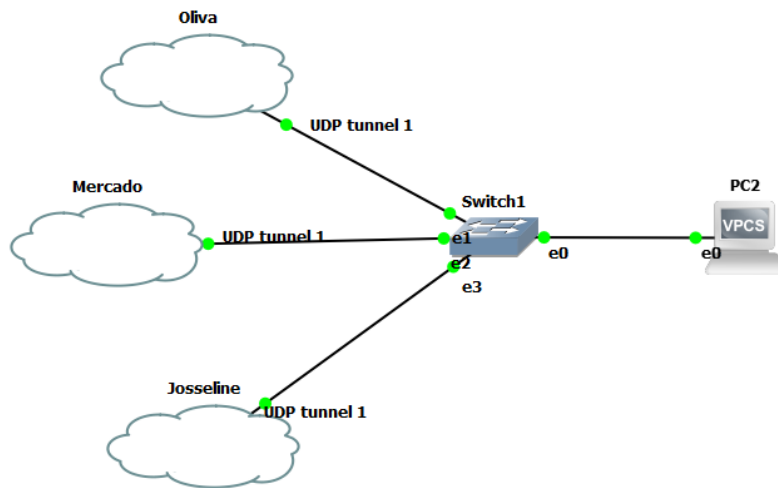
PABLO OLIVA



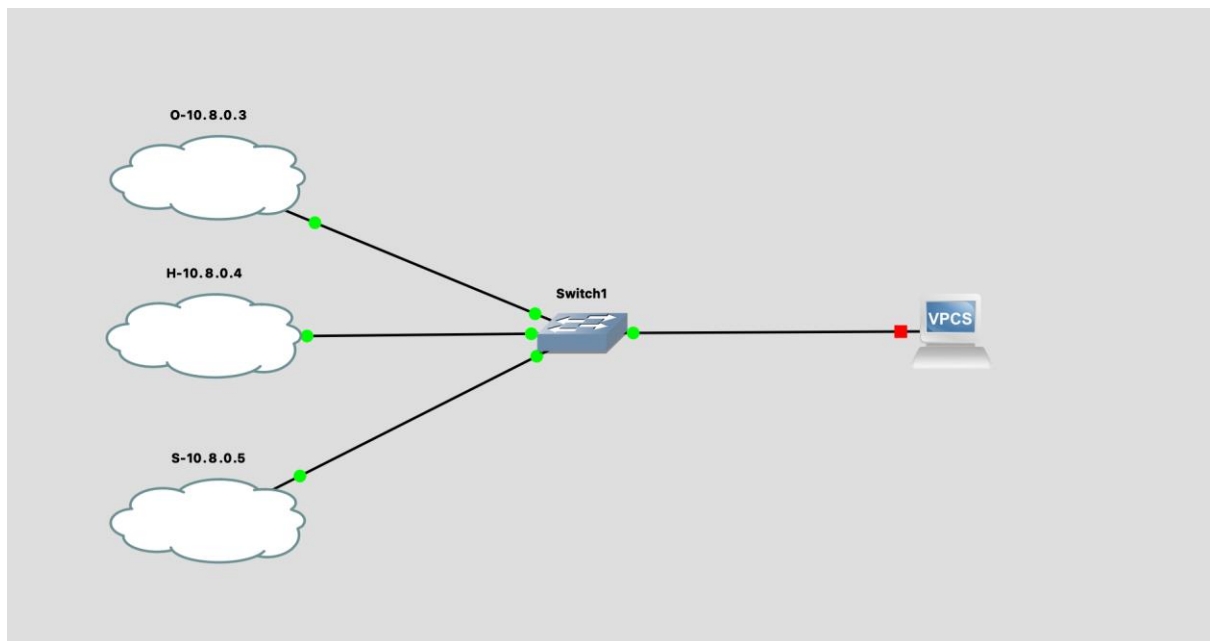
SUSETH GODINEZ



HENRY PERALTA



AYBSON MERCADO



CONFIGURACION DE LAS NUBES

PABLO OLIVA

Node properties

Henry configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name:

Local port:

Remote host:

Remote port:

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	21300	10.8.0.4	31300

Node properties

Mercado configuration

Ethernet interfaces TAP interfaces UDP tunnels Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 31300

Remote host: 10.8.0.6

Remote port: 21300

Add Delete

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	31300	10.8.0.6	21300

Reset OK Cancel Apply Help

Node properties

Josseline configuration

Ethernet interfaces TAP interfaces UDP tunnels Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 30400

Remote host: 10.8.0.5

Remote port: 20400

Add Delete

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	30400	10.8.0.5	20400

Reset OK Cancel Apply Help

SUSETH GODINEZ

Node properties

Oliva configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name:

Local port:

Remote host:

Remote port:

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	20400	10.8.0.3	30400

Reset

Node properties

Henry configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name:

Local port:

Remote host:

Remote port:

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	25050	10.8.0.4	35050

Reset

Node properties

Aybson configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 30000

Remote host: 127.0.0.1

Remote port: 20000

Add Delete

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	15100	10.8.0.6	15000

Reset OK Cancel Apply Help

HENRY PERALTA

Node properties

Oliva configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 30000

Remote host: 127.0.0.1

Remote port: 20000

Add Delete

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	31300	10.8.0.3	21300

Reset OK Cancel Apply Help

Node properties

Mercado configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 30000

Remote host: 127.0.0.1

Remote port: 20000

Add Delete

UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	32050	10.8.0.6	22050

Reset OK Cancel Apply Help

Node properties

Josseline configuration

Ethernet interfaces TAP interfaces **UDP tunnels** Misc.

UDP tunnel settings

Name: UDP tunnel 1

Local port: 30000

Remote host: 127.0.0.1

Remote port: 20000

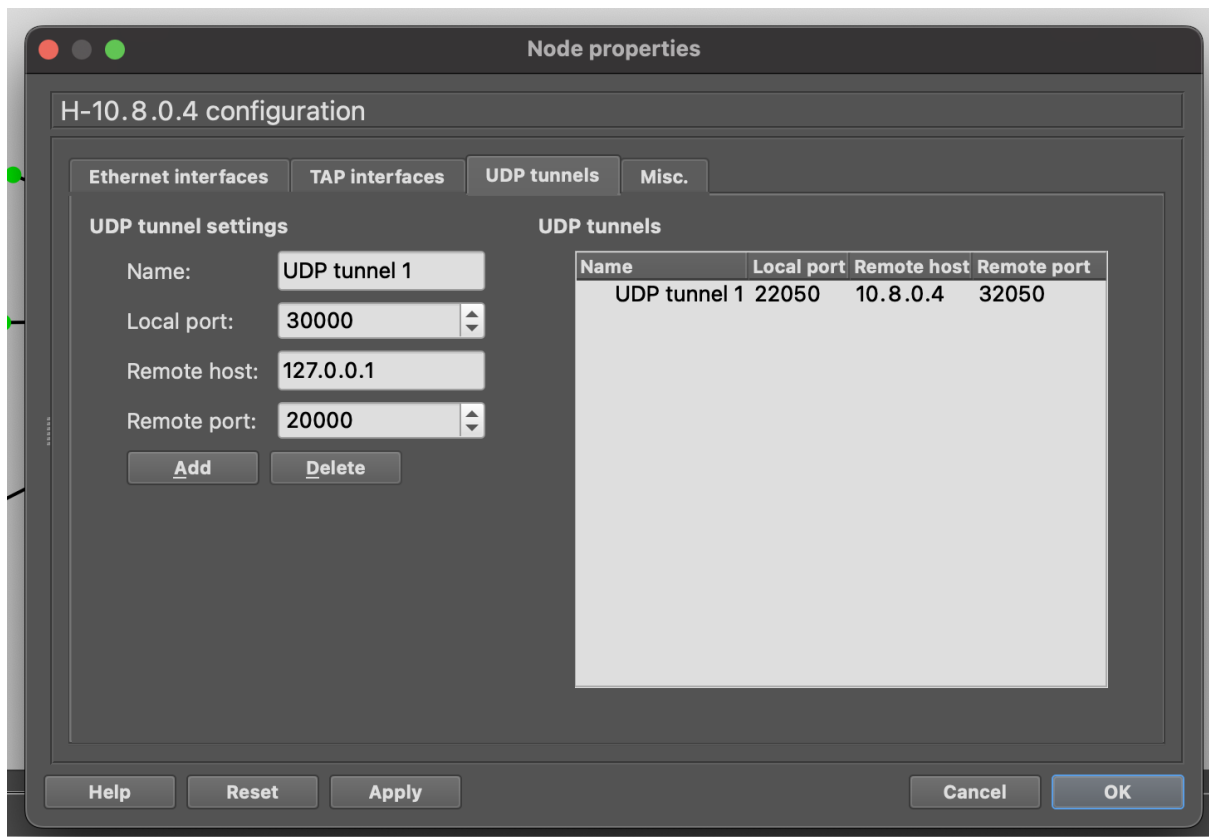
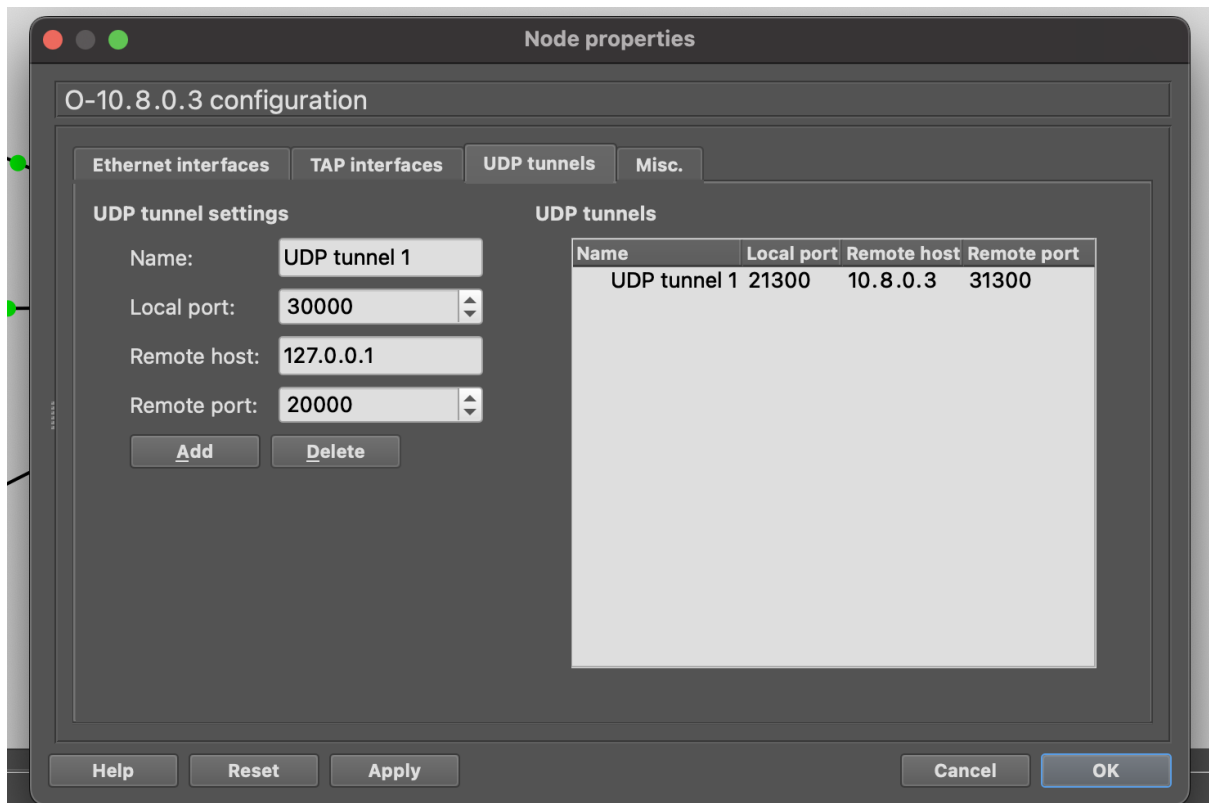
Add Delete

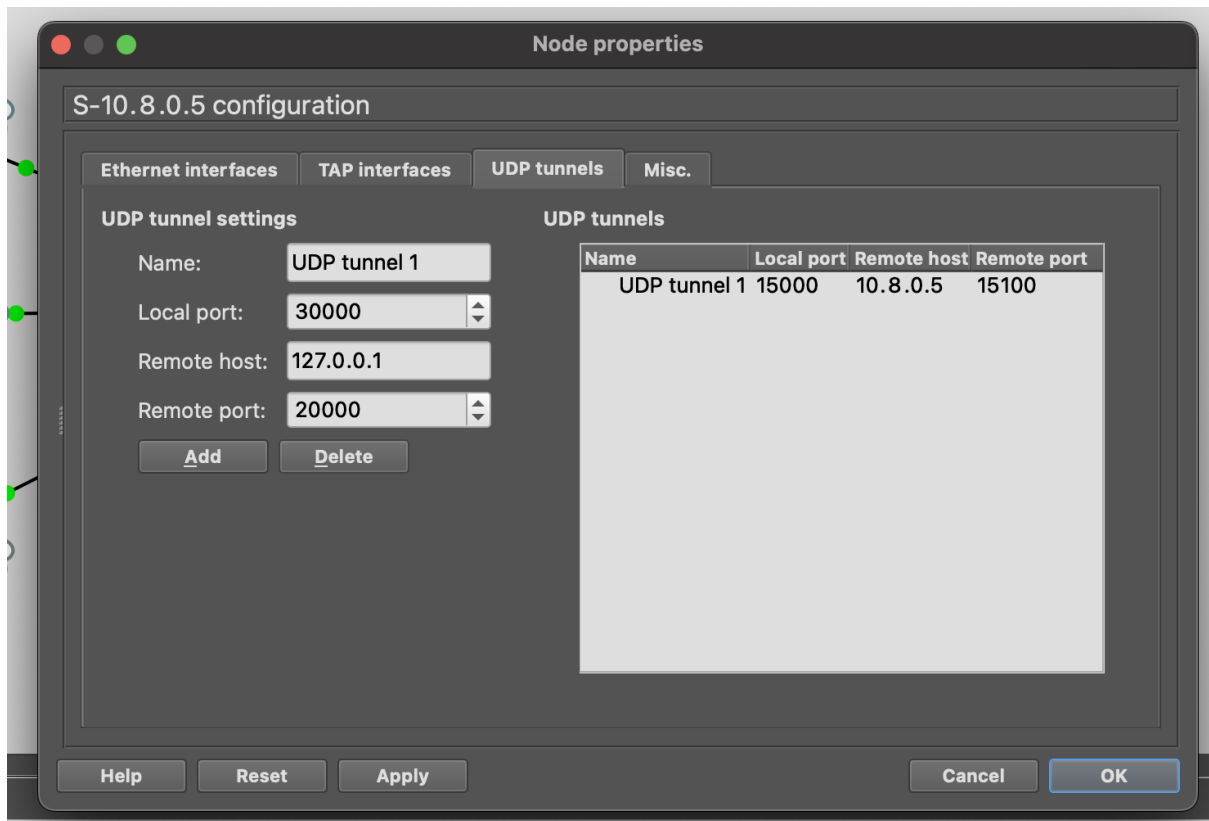
UDP tunnels

Name	Local port	Remote host	Remote port
UDP tunnel 1	35050	10.8.0.5	25050

Reset OK Cancel Apply Help

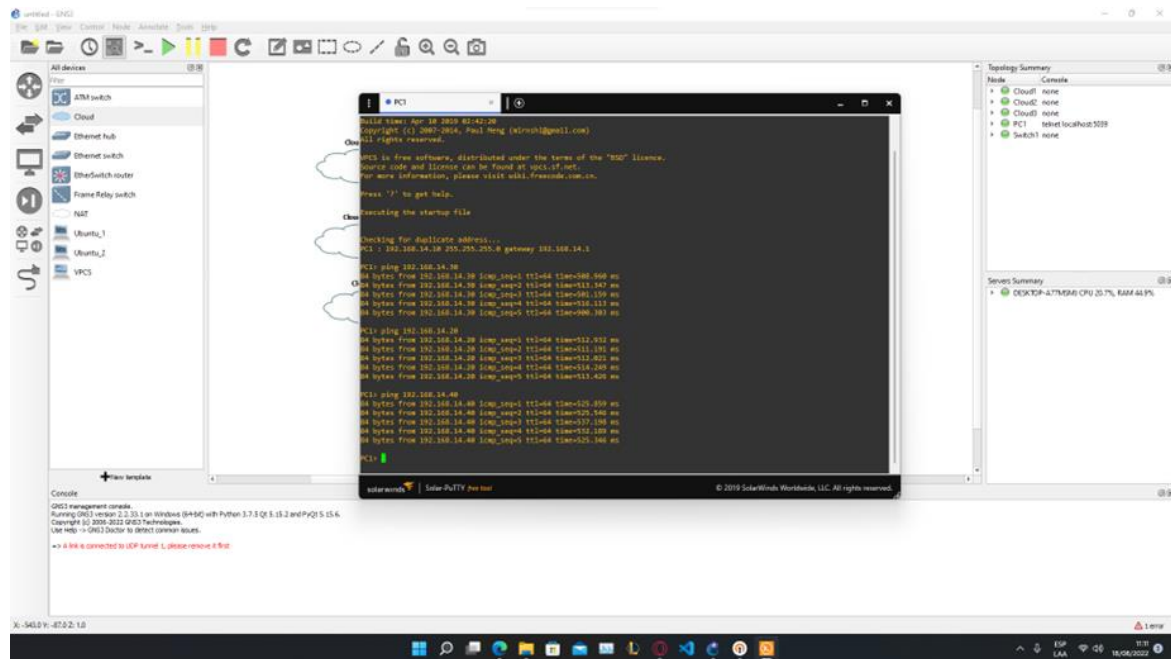
AYBSON MERCADO





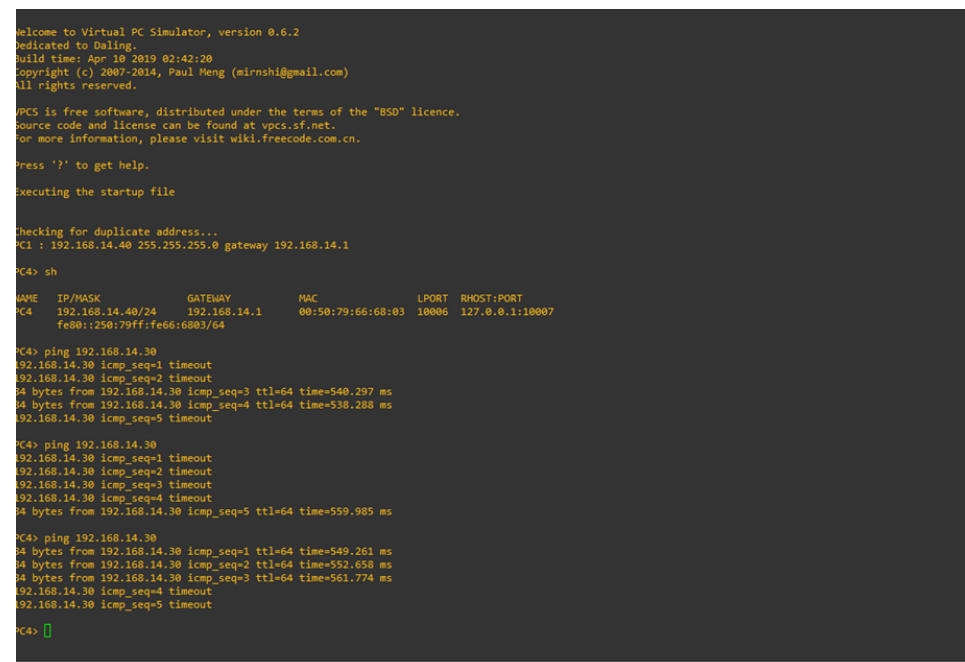
PING ENTRE LOS HOST

PABLO OLIVA



SUSETH GODINEZ

PING A 192.168.14.30



PING 192.168.14.10

```

Welcome to Virtual PC Simulator, version 0.6.2
Dedicated to Daling.
Build time: Apr 10 2019 02:42:20
Copyright (c) 2007-2014, Paul Meng (mirnshi@gmail.com)
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For more information, please visit wiki.freecode.com.cn.

Press '?' to get help.

Executing the startup file

Checking for duplicate address...
PC1 : 192.168.14.40 255.255.255.0 gateway 192.168.14.1

PC4> ping 192.168.14.10
84 bytes from 192.168.14.10 icmp_seq=1 ttl=64 time=574.212 ms
84 bytes from 192.168.14.10 icmp_seq=2 ttl=64 time=576.506 ms
192.168.14.10 icmp_seq=3 timeout
84 bytes from 192.168.14.10 icmp_seq=4 ttl=64 time=575.729 ms
84 bytes from 192.168.14.10 icmp_seq=5 ttl=64 time=575.518 ms

PC4>

```

PING A 192.168.14.20

```

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

Checking for duplicate address...
PC1 : 192.168.14.40 255.255.255.0 gateway 192.168.14.1

PC4> sh

NAME IP/MASK GATEWAY MAC LPORT RHOST:PORT
PC4 192.168.14.40/24 192.168.14.1 00:50:79:66:68:03 10006 127.0.0.1:10007
fe80::250:79ff:fe66:6803/64

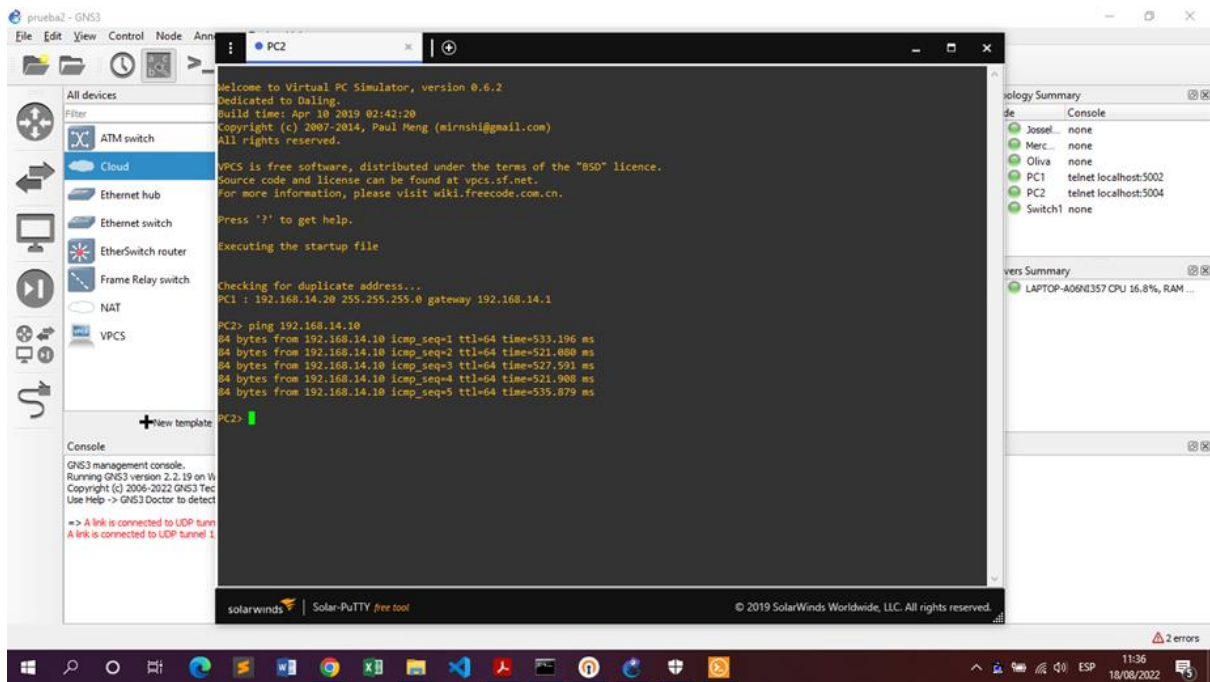
PC4> ping 192.168.14.20
84 bytes from 192.168.14.20 icmp_seq=1 ttl=64 time=570.560 ms
192.168.14.20 icmp_seq=2 timeout
84 bytes from 192.168.14.20 icmp_seq=3 ttl=64 time=568.939 ms
84 bytes from 192.168.14.20 icmp_seq=4 ttl=64 time=573.013 ms
84 bytes from 192.168.14.20 icmp_seq=5 ttl=64 time=576.789 ms

PC4>

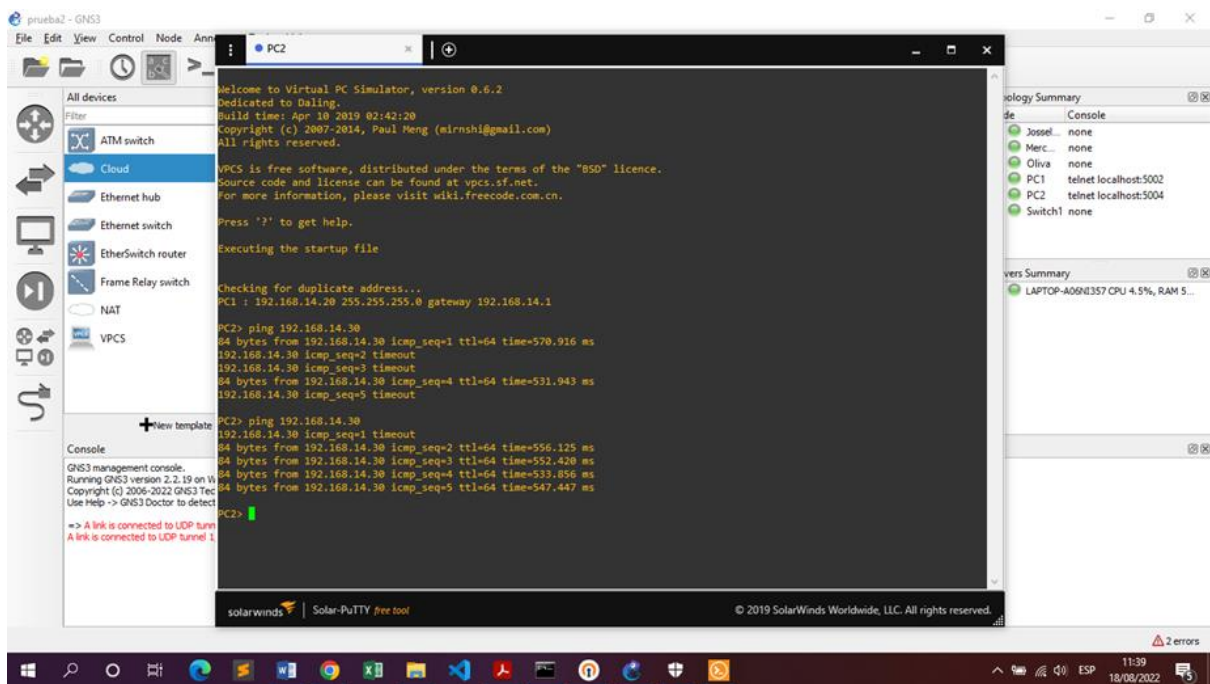
```

HENRY PERALTA

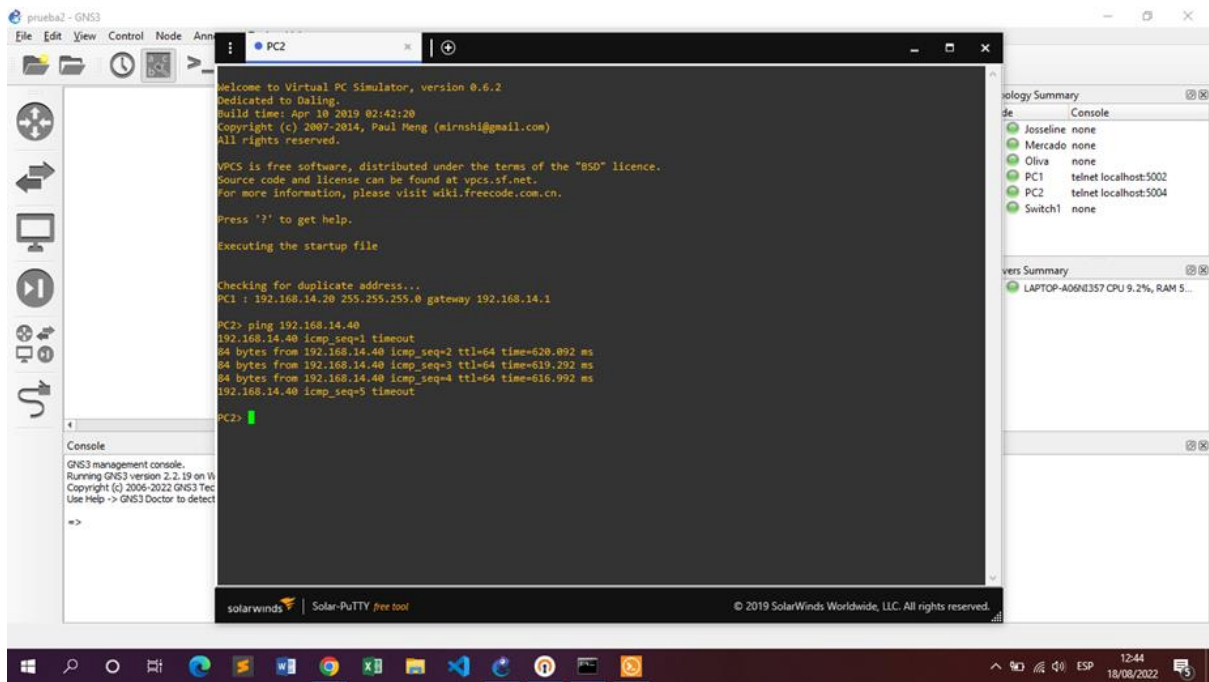
PING 192.168.14.10



PING 192.168.14.30

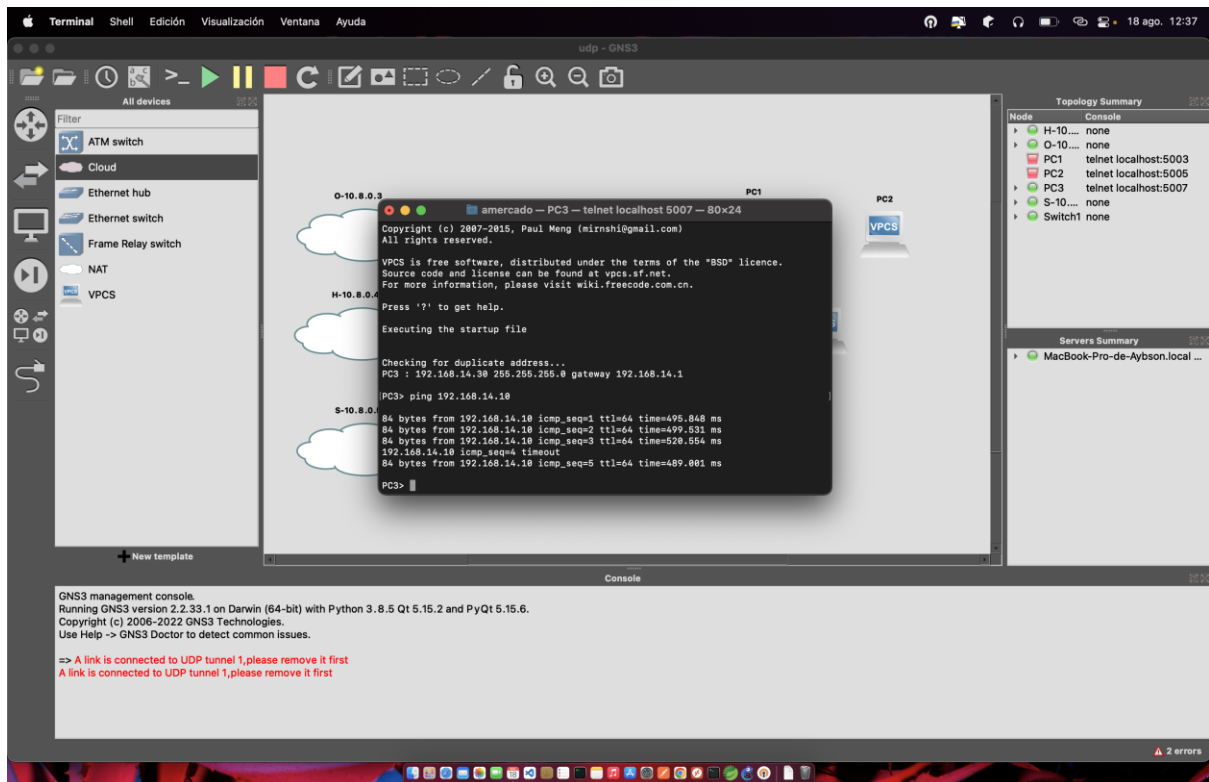


PING 192.168.14.40

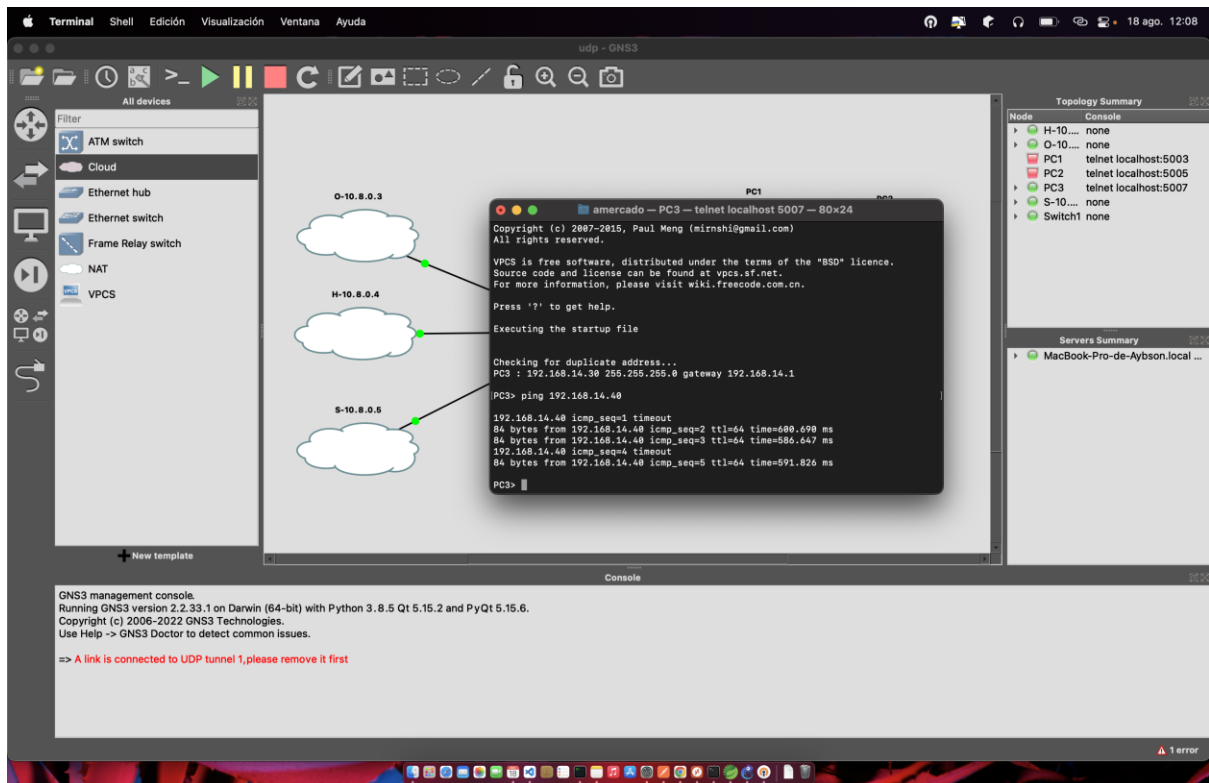


AYBSON MERCADO

PING 192.168.14.10



PING 192.168.14.40



PING 192.168.14.20

