

Practica 2: Enrutamiento estatico / SSH / Telnet

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I. PRACTICA 2

1) Realizar conexiones

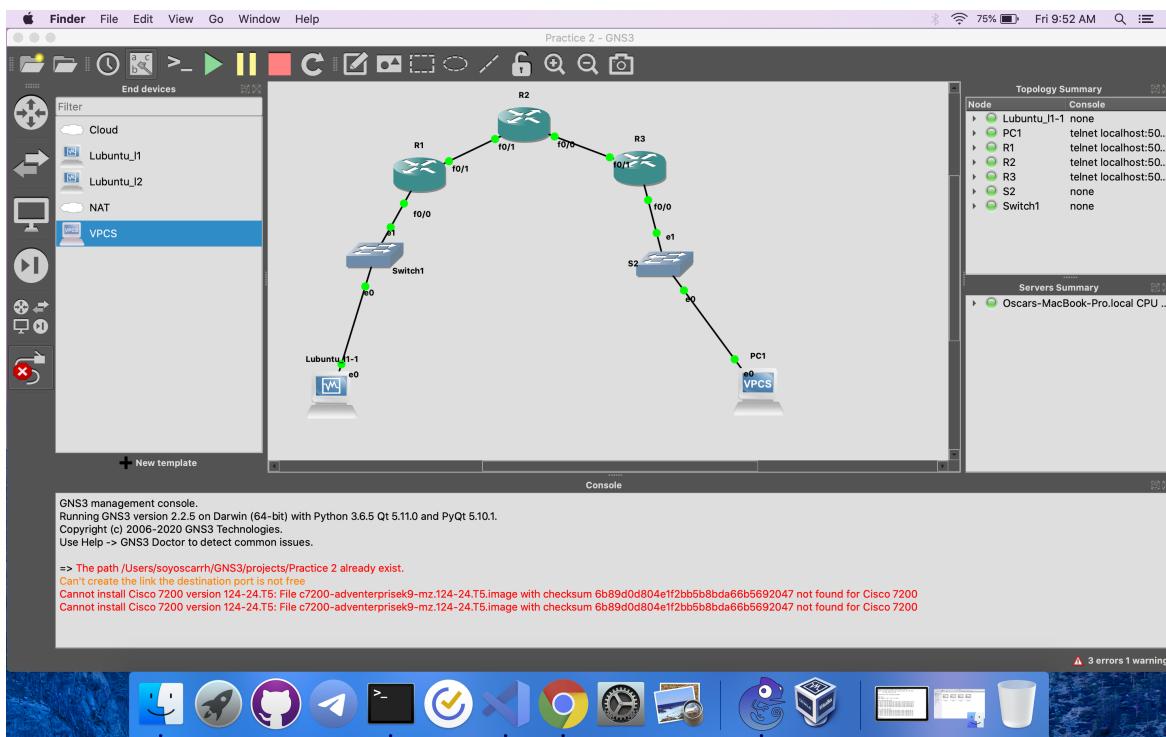


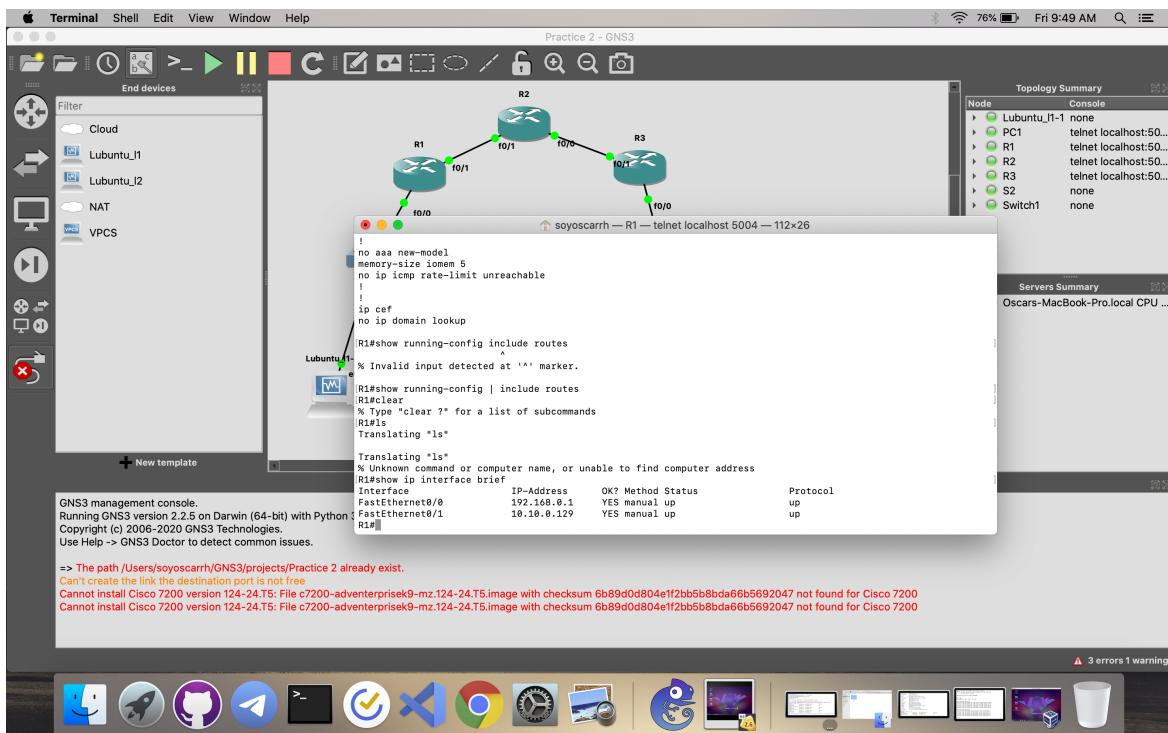
Figura 1. Iniciar GNS3 y hacer conexiones

```
2) Abrir consola del router 1
enable
configure terminal
interface FastEthernet 0/0
ip address 192.168.0.1 255.255.255.128
no shutdown
end
enable
configure terminal
interface FastEthernet 0/1
ip address 10.10.0.129 255.255.255.252
no shutdown
end
3) Abrir consola del router 2
enable
configure terminal
interface FastEthernet 0/0
ip address 10.10.0.133 255.255.255.252
no shutdown
end
enable
configure terminal
interface FastEthernet 0/1
ip address 10.10.0.130 255.255.255.252
```

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no shutdown
end
4) Abrir consola del router 3
enable
configure terminal
interface FastEthernet 0/0
ip address 192.168.0.129 255.255.255.128
no shutdown
end
enable
configure terminal
interface FastEthernet 0/1
ip address 10.10.0.134 255.255.255.252
no shutdown
end

```



```

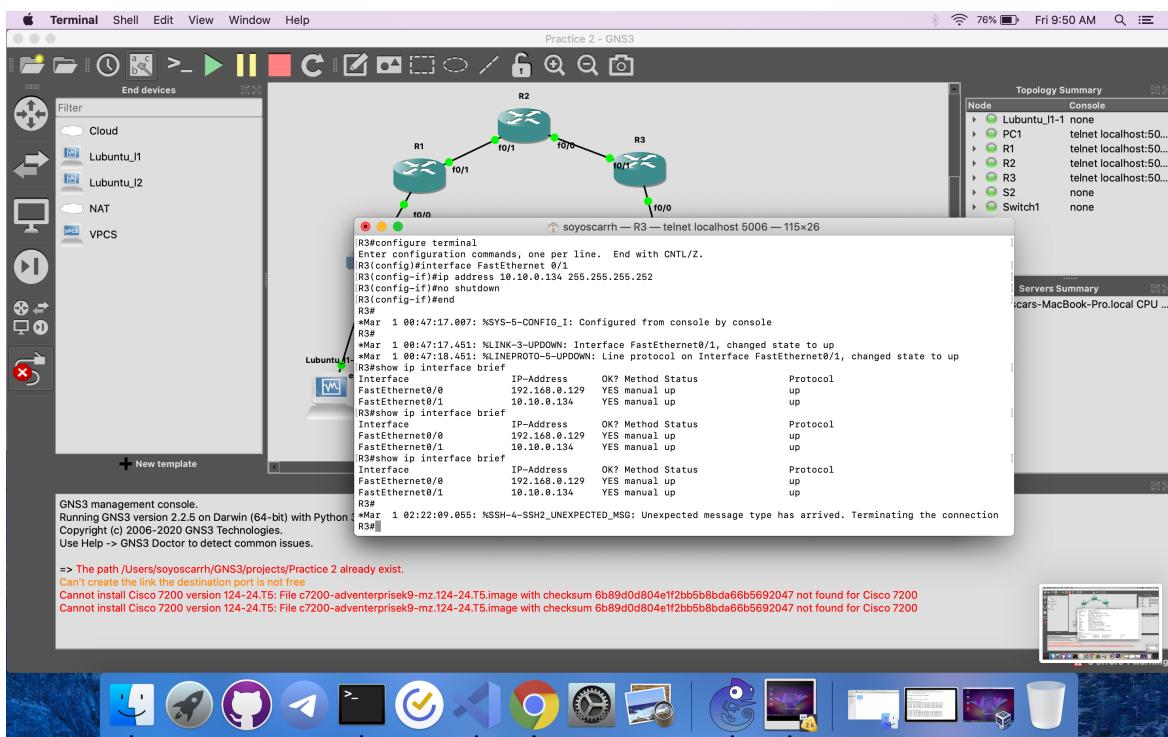
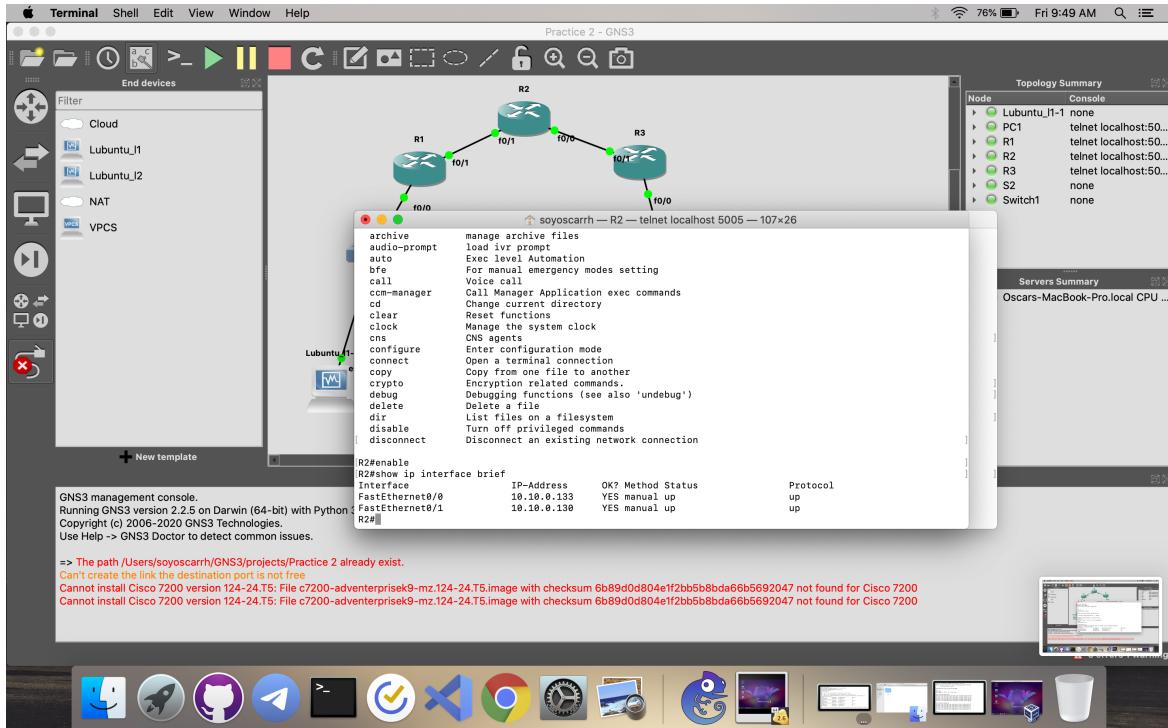
5) Anadir ip a la pc
ip 192.168.0.138 /25 192.168.0.129
6) Anadir ip a la maquina virtual
ip addr
sudo ip addr add 192.168.0.10/25 broadcast 192.168.0.127 dev enp0s3
ip addr
sudo ip route add default via 192.168.0.1 dev enp0s3

```

```

7) Enruteo estÁ;tico del router 1
enable
configure terminal
ip route 10.10.0.132 255.255.255.252 10.10.0.130
end
enable
configure terminal
ip route 192.168.0.128 255.255.255.128 10.10.0.130
end
8) Enruteo estÁ;tico del router 2
enable
configure terminal
ip route 192.168.0.128 255.255.255.128 10.10.0.134
end
enable

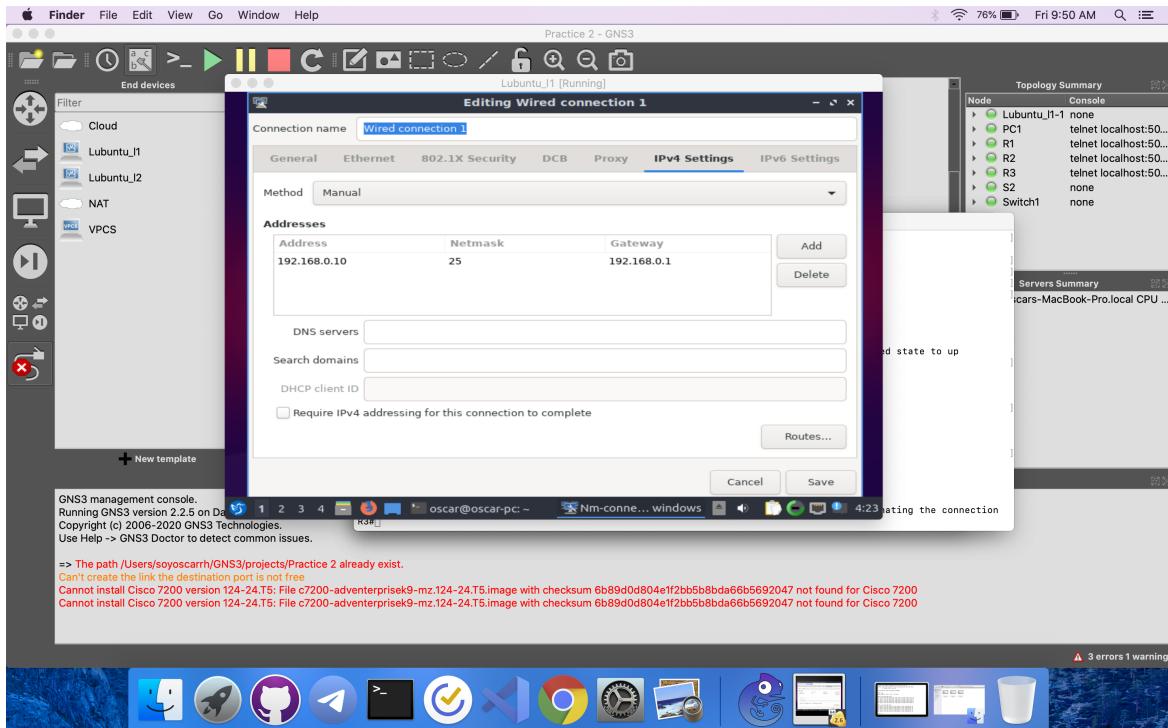
```



```

configure terminal
ip route 192.168.0.0 255.255.255.128 10.10.0.129
end
9) Enruteo estÁ;tico del router 3
enable
configure terminal
ip route 10.10.0.128 255.255.255.252 10.10.0.133
end
enable
configure terminal
ip route 192.168.0.0 255.255.255.128 10.10.0.133
end

```



```

10) Usuario, Telnet y ssh router 1
enable
configure terminal
username admin priv 0 password admin01
enable password 1234
enable secret 12345678
service password-encryption
line console 0
login local
exit
line vty 0 4
password 1234
login
exit
hostname R1
ip domain-name R1.LOCAL
crypto key generate rsa
2048
ip ssh time-out 10
ip ssh authentication-retries 3
ip ssh version 2
line vty 0 4
transport input ssh telnet
login local
exit
11) Usuario, Telnet y ssh router 2
enable
configure terminal
username admin priv 0 password admin01
enable password 1234
enable secret 12345678
service password-encryption
line console 0
login local
exit
line vty 0 4
password 1234
login
exit
hostname R2
ip domain-name R2.LOCAL
crypto key generate rsa
2048
ip ssh time-out 10

```

```
ip ssh authentication-retries 3
ip ssh version 2
line vty 0 4
transport input ssh telnet
login local
exit
12) Usuario, Telnet y ssh router 3
enable
configure terminal
username admin priv 0 password admin01
enable password 1234
enable secret 12345678
service password-encryption
line console 0
login local
exit
line vty 0 4
password 1234
login
exit
hostname R3
ip domain-name R3.LOCAL
crypto key generate rsa
2048
ip ssh time-out 10
ip ssh authentication-retries 3
ip ssh version 2
line vty 0 4
transport input ssh telnet
login local
exit
```

