



**UNIVERSIDAD AUTÓNOMA DE  
CHIAPAS**



**FACULTAD DE CONTADURÍA Y ADMINISTRACIÓN, CAMPUS I**

**LICENCIATURA EN INGENIERÍA EN DESARROLLO Y  
TECNOLOGÍAS DE SOFTWARE**

**CONMUTADORES Y REDES INALÁMBRICAS**

**SEMESTRE: 7°**

**GRUPO: "M"**

**DR. LUIS GUTIÉRREZ ALFARO**

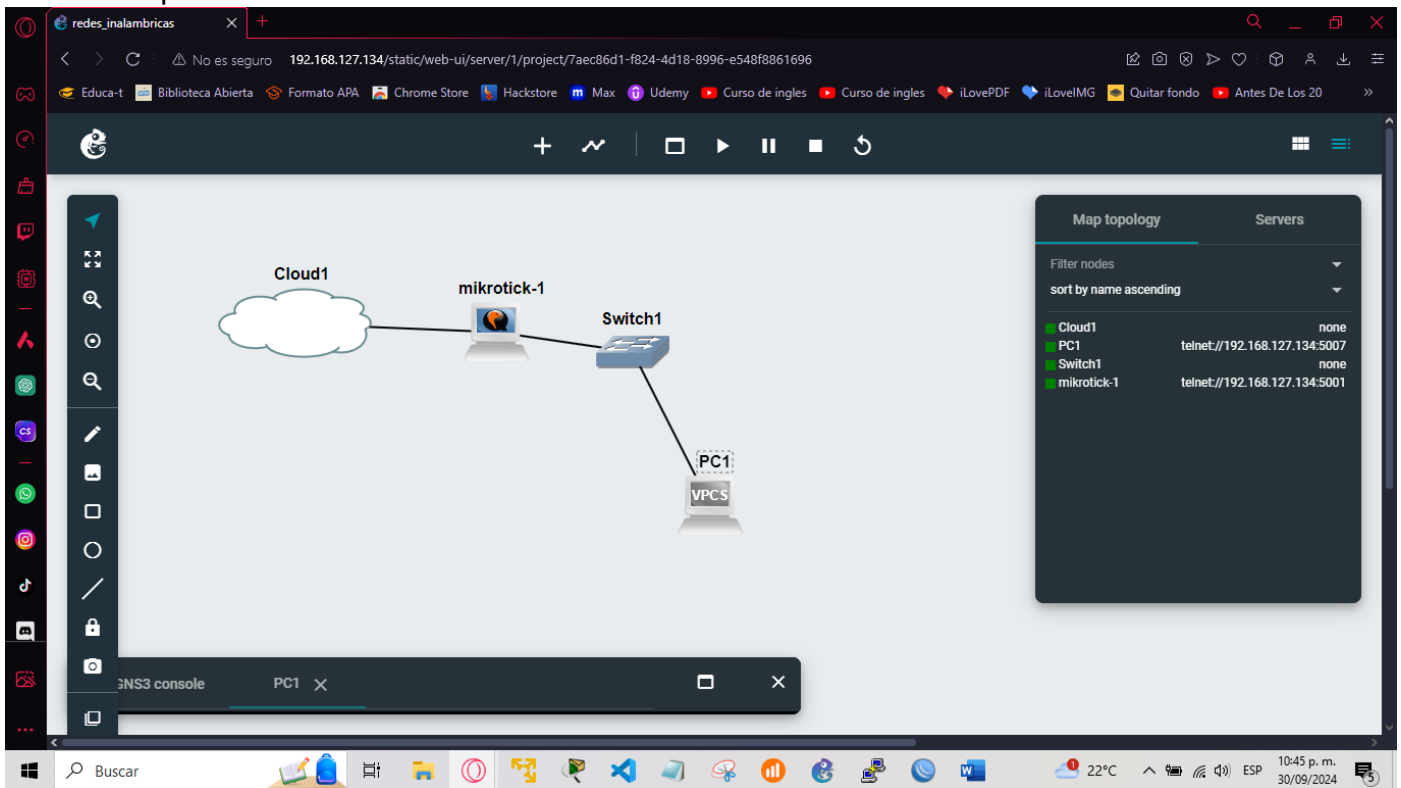
**ALUMNO: DANIEL ALBERTO PÉREZ ALCÁZAR**

**ACT. 2.4 CONFIGURACIÓN DE UN ROUTER MIKROTIK USANDO  
GNS3.**

**Lunes 30 de septiembre de 2024.**

**Tuxtla Gutiérrez, Chiapas.**

## Esquema:



## configuración de Interface list, DHCP Server, Firewall:

admin@0C:21:26:1C:00:00 (MikroTik) - WinBox (64bit) v6.49.17 on CHR (x86\_64)

Session Settings Dashboard

Safe Mode Session: 0C:21:26:1C:00:00

### Interface List

Interface	Type	Actual MTU	L2 MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx	FP Rx	FP Tx Packet (p/s)	FP Rx Packet (p/s)
R ether1WAN	Ethernet	1500		38.8 kbps	5.5 kbps	7	7	0 bps	0 bps	0	0
R ether2	Ethernet	1500		0 bps	0 bps	0	0	0 bps	0 bps	0	0
R ether3	Ethernet	1500		0 bps	0 bps	0	0	0 bps	0 bps	0	0
R ether4LAN	Ethernet	1500		0 bps	0 bps	0	0	0 bps	0 bps	0	0

### DHCP Server

Name	Interface	Relay	Lease Time	Address Pool	Add AR...
dhcp1	ether4LAN		00:10:00	dhcp_pool0	no

### Firewall

#	Action	Chain	Src. Address	Dst. Address	Proto	Src. Port	Dst. Port	In. Inter...	Out. Inter...	In. Inter...	Out. Inter...	Src. Ad...	Dst. Ad...	Bytes	Packets
0	mas...	srcnat						ether1...						476 B	6

## Address list:

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Interface List

Interface	Name	Type	Actual MTU	L2 MTU	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx	FP Rx	FP Tx Packet (p/s)	FP Rx P
R	ether1WAN	Ethernet	1500			51.0 kbps	6.0 kbps	7	0	0 bps	0	0
R	ether2	Ethernet									0	0
R	ether3	Ethernet									0	0
R	ether4LAN	Ethernet									0	0

Address List

Address	Network	Interface
192.168.0.1/24	192.168.0.0	ether4LAN
192.168.127.135/24	192.168.127.0	ether1WAN

4 items (1 selected)

2 items

## Máquina virtual:

GNS3 - VMware Workstation 17 Player (Non-commercial use only)

Player

GNS3 2.2.49

```
GNS3 server version: 2.2.49
Release channel: 2.2
VM version: 0.16.0
Ubuntu version: focal
Qemu version: 4.2.1
Virtualization: vmware
KVM support available: True
Uptime: up 0 minutes

IP: 192.168.127.134 PORT: 80

To log in using SSH: ssh gns3@192.168.127.134
Password: gns3

To launch the Web-UI: http://192.168.127.134

Images and projects are stored in '/opt/gns3'
```

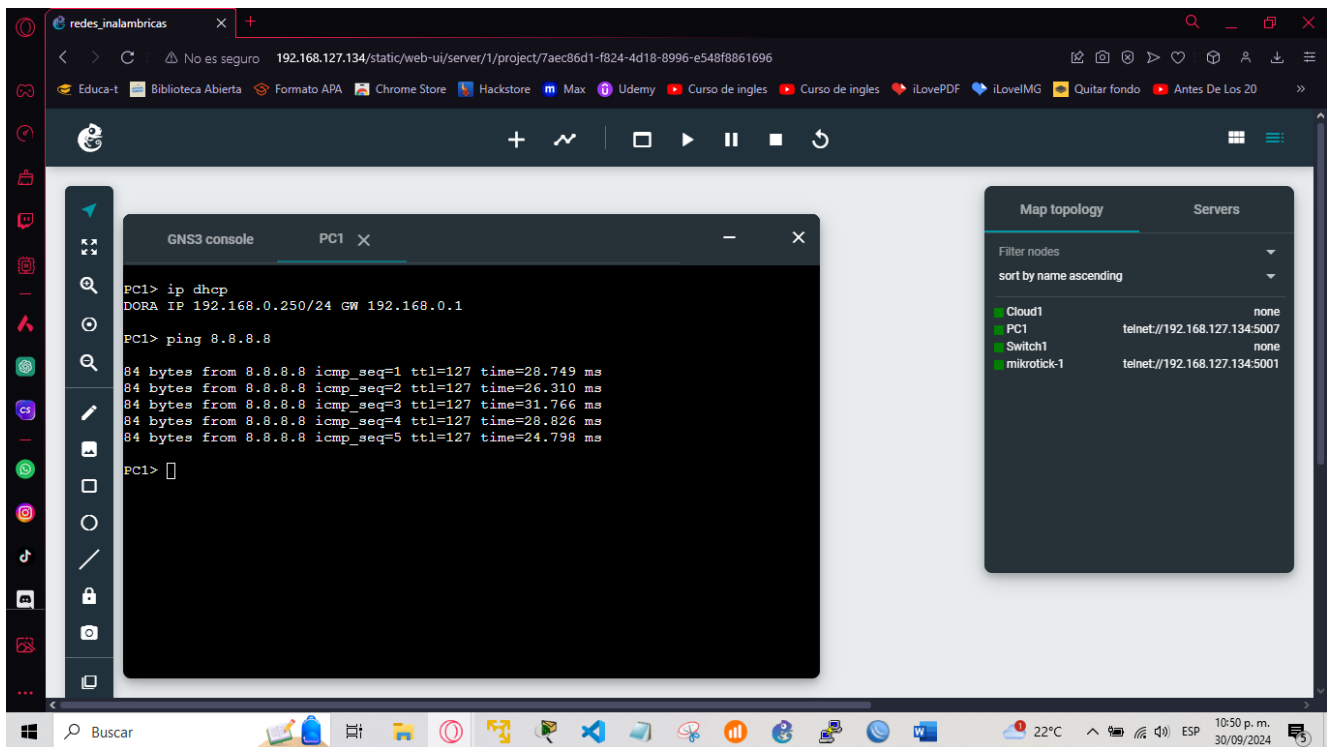
Summary

DESKTOP-M4TMF40 CPU 8.6% RAM ...

GNS3 VM (GNS3)

1 warning

## Ping de la PC1:



## Ping desde New terminal en Mikrotik:

