Universidad Tecnológica de Panamá

Centro Regional de Chiriquí

Estudios Generales de Ingeniería

Materia: DLYA

Segundo semestre

Grupo: 2EG7116

Profesor: Napoleón Ibarra

Estudiante

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Olmedo Alvarado 4-839-1939

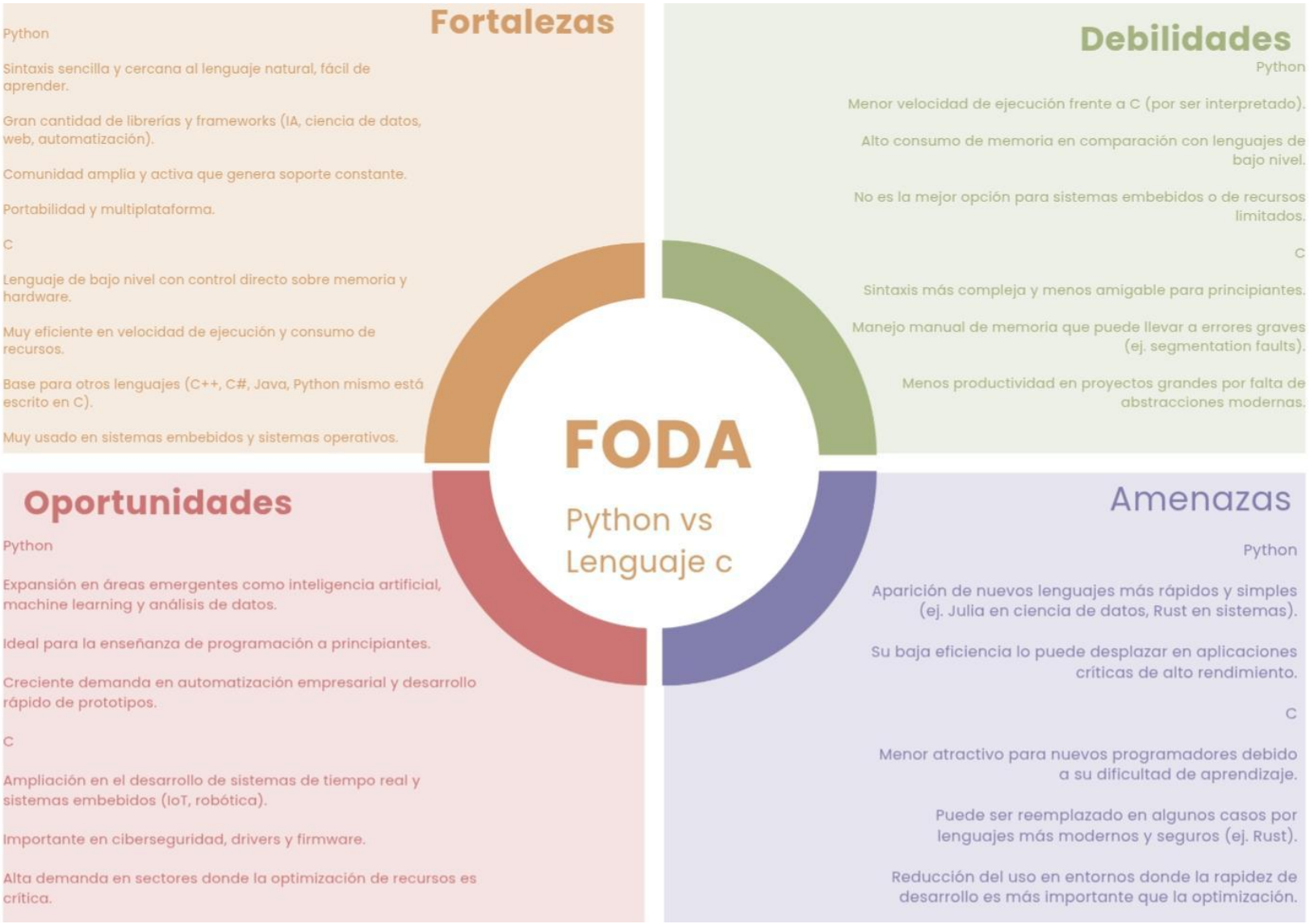
Tema:

Investigación 2

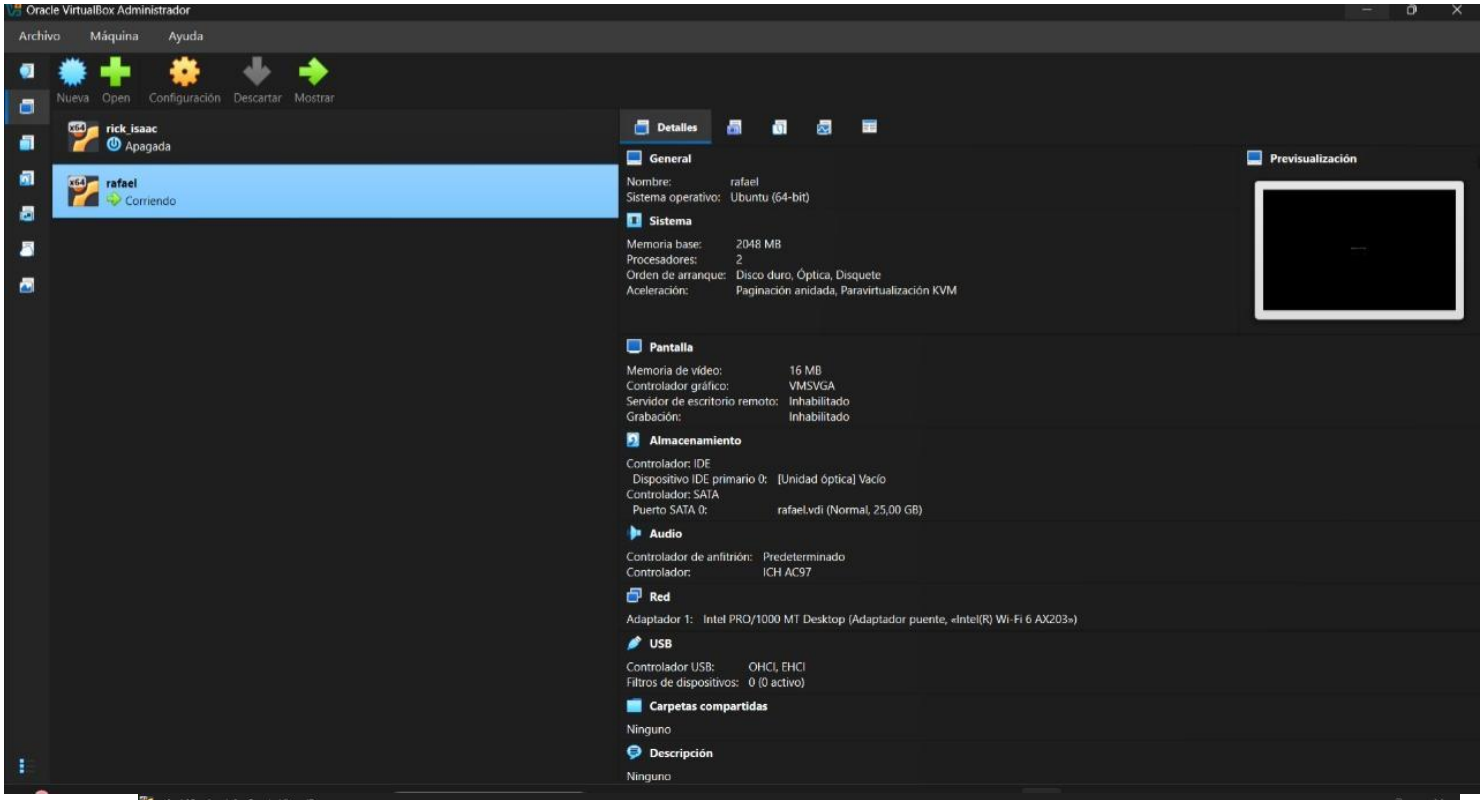
Fecha

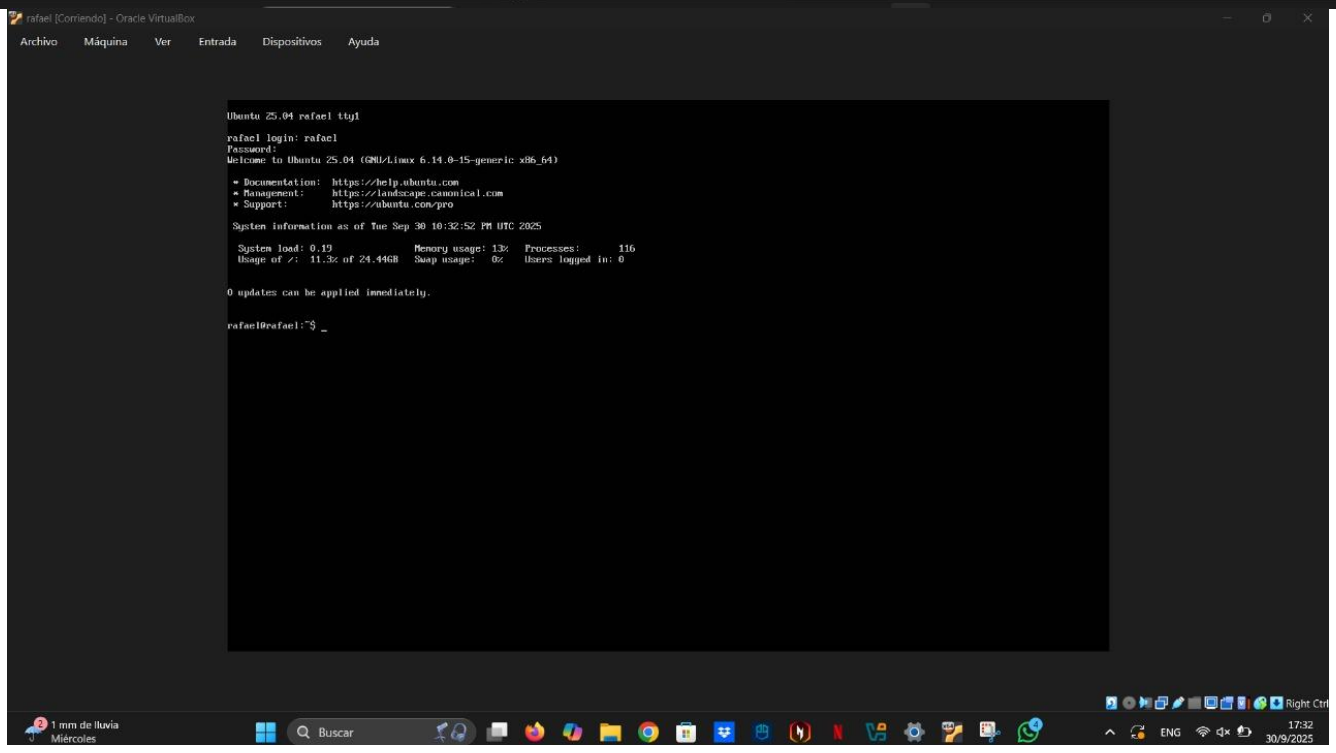
30 de septiembre 2025

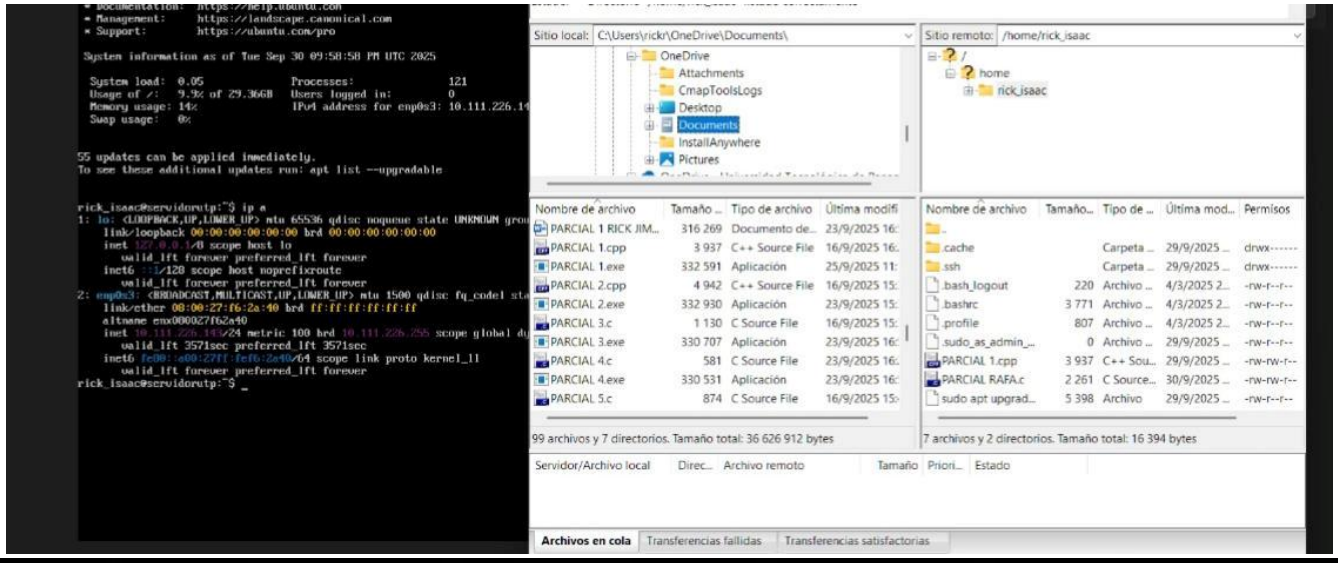
1. Análisis FODA sobre: lengua C vs Python



Parte 2: Caso de estudio 1 (Virtualización y Servidores)

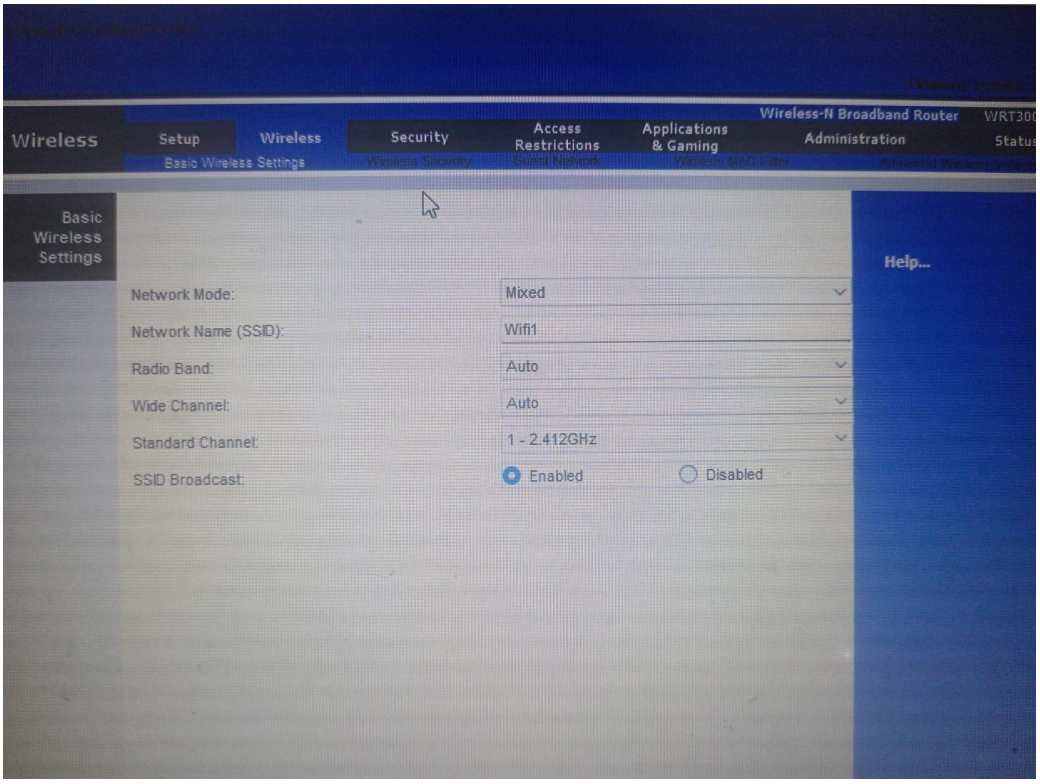




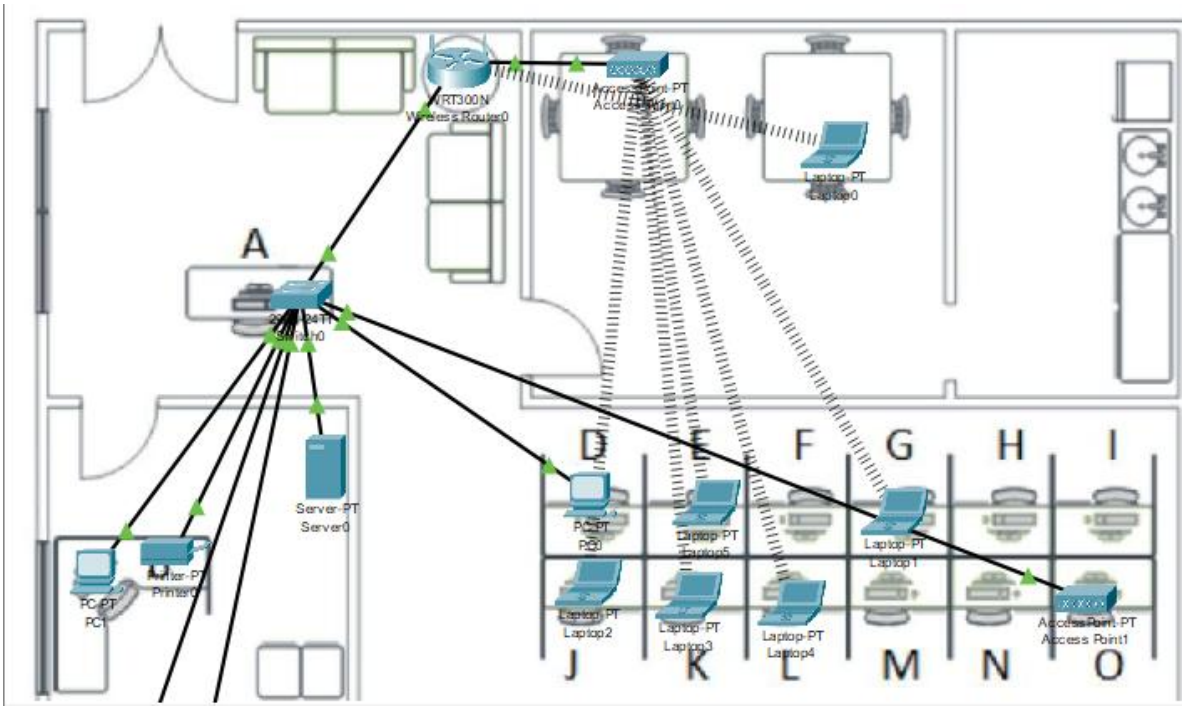



```
* Documentation:  https://help.ubuntu.com
* Management:     https://landscape.canonical.com
* Support:        https://ubuntu.com/pro

System information as of Tue Sep 30 09:58:58 PM UTC 2025

 System load:  0.05                Processes:                121
 Usage of /:   9.9% of 29.36GB     Users logged in:          0
 Memory usage: 14%                 IPv4 address for enp0s3: 10.111.226.143
 Swap usage:   0%


5 updates can be applied immediately.
o see these additional updates run: apt list --upgradable


ast login: Tue Sep 30 18:46:29 2025 from 172.24.60.49
ick_isaac@servidorutp:~$ r
```

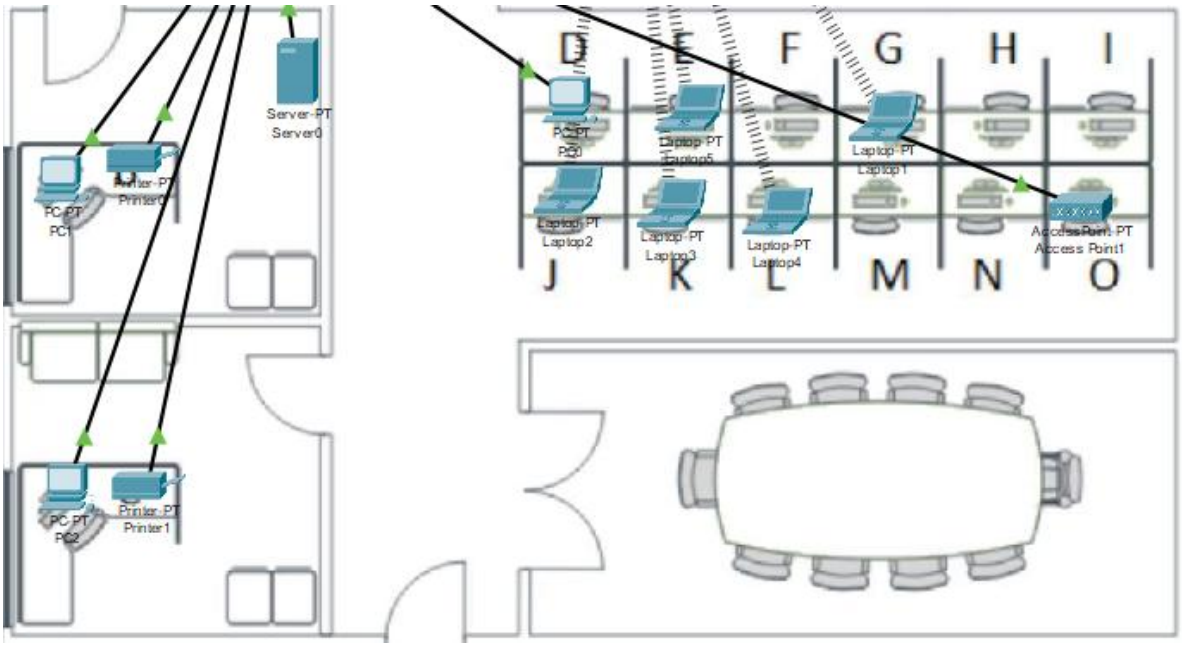
3 Parte: Diseño de Red Lan

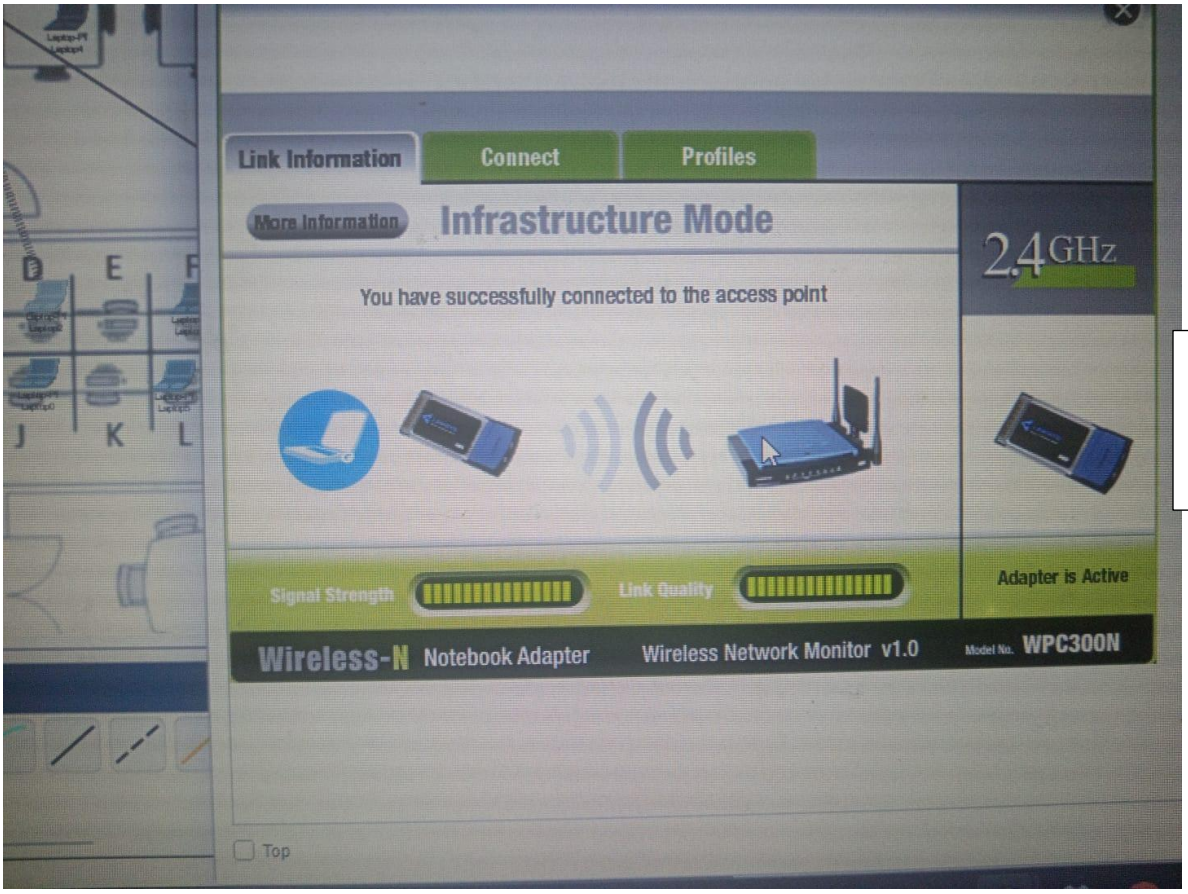


Nombre del Router :
Wifi 1

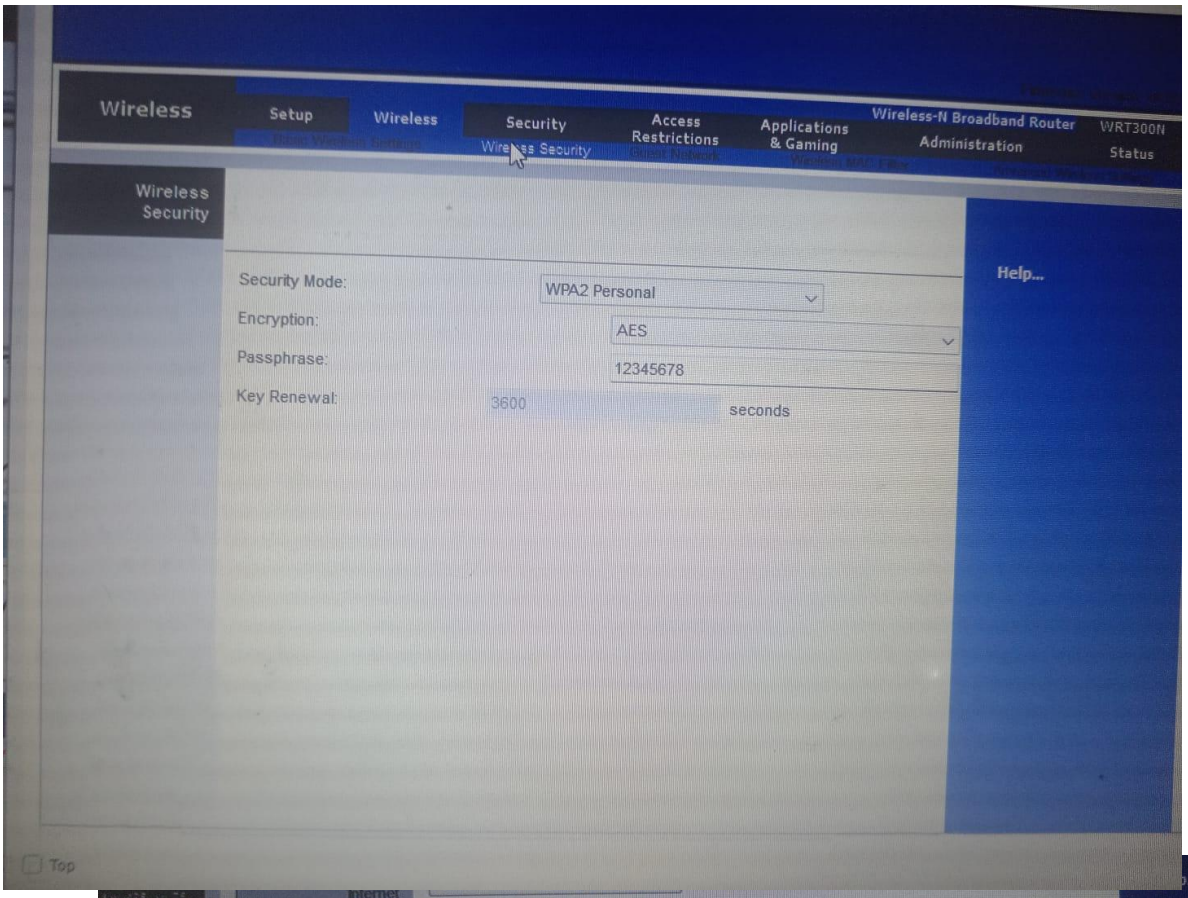


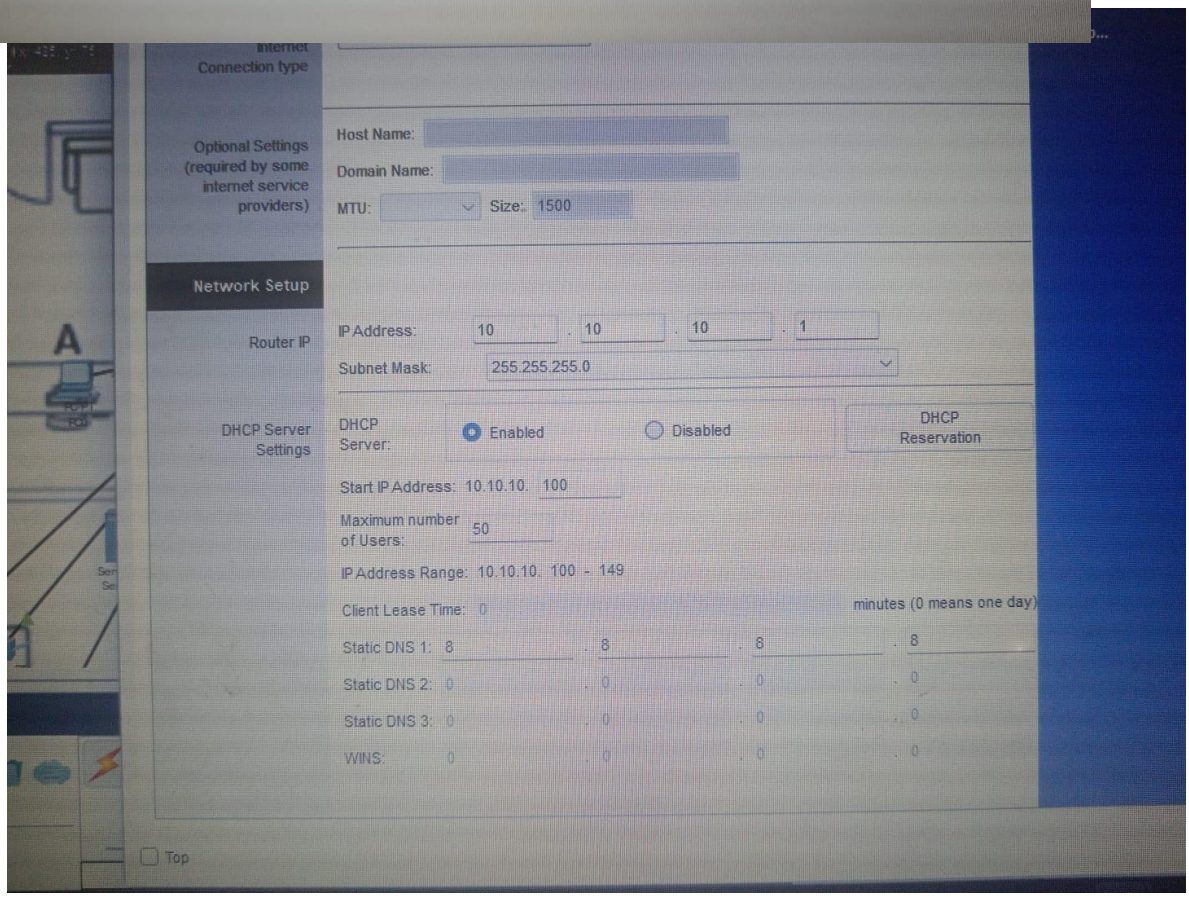
Servidor con el equipo, todo conectado entre si.

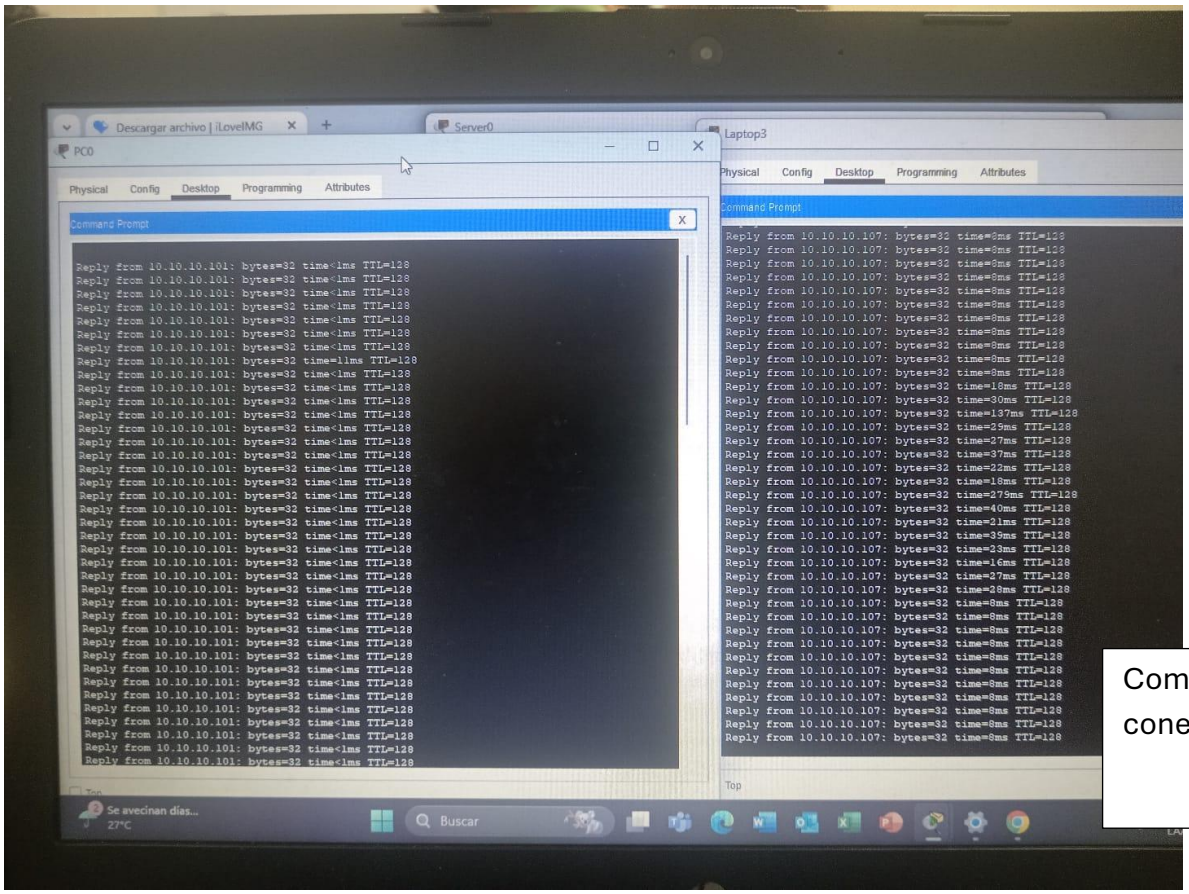




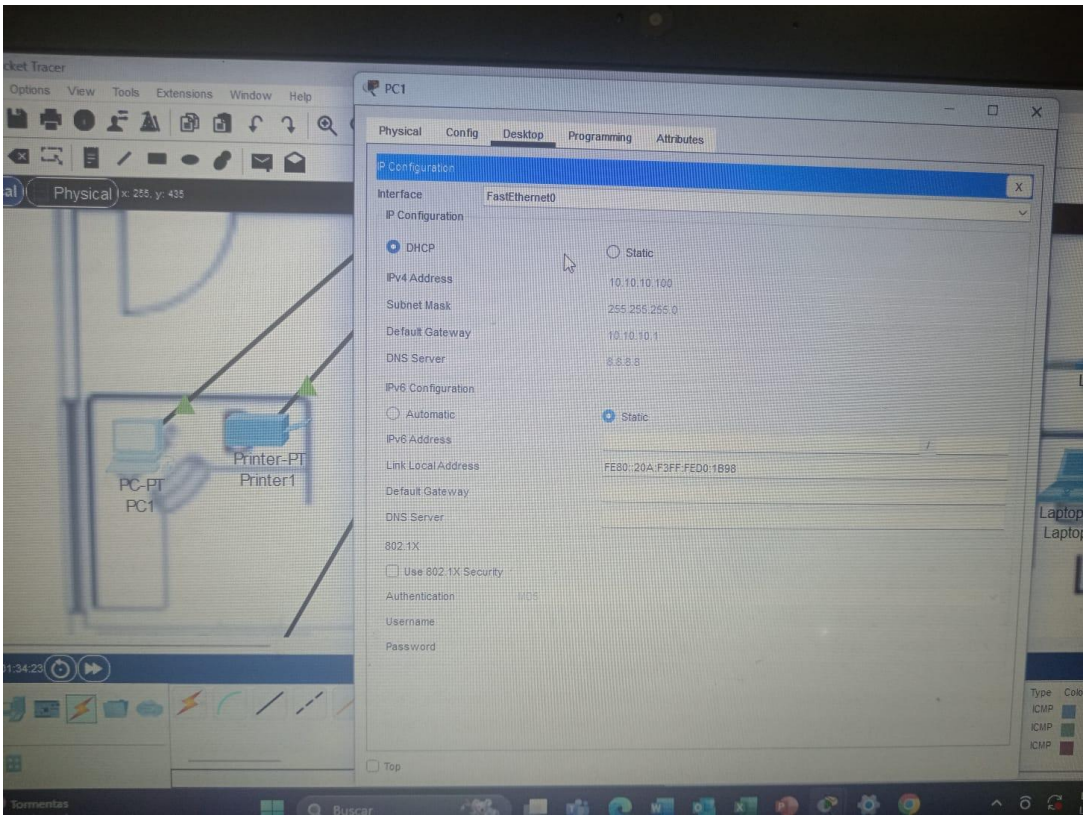
Conexión de Internet a las laptops.

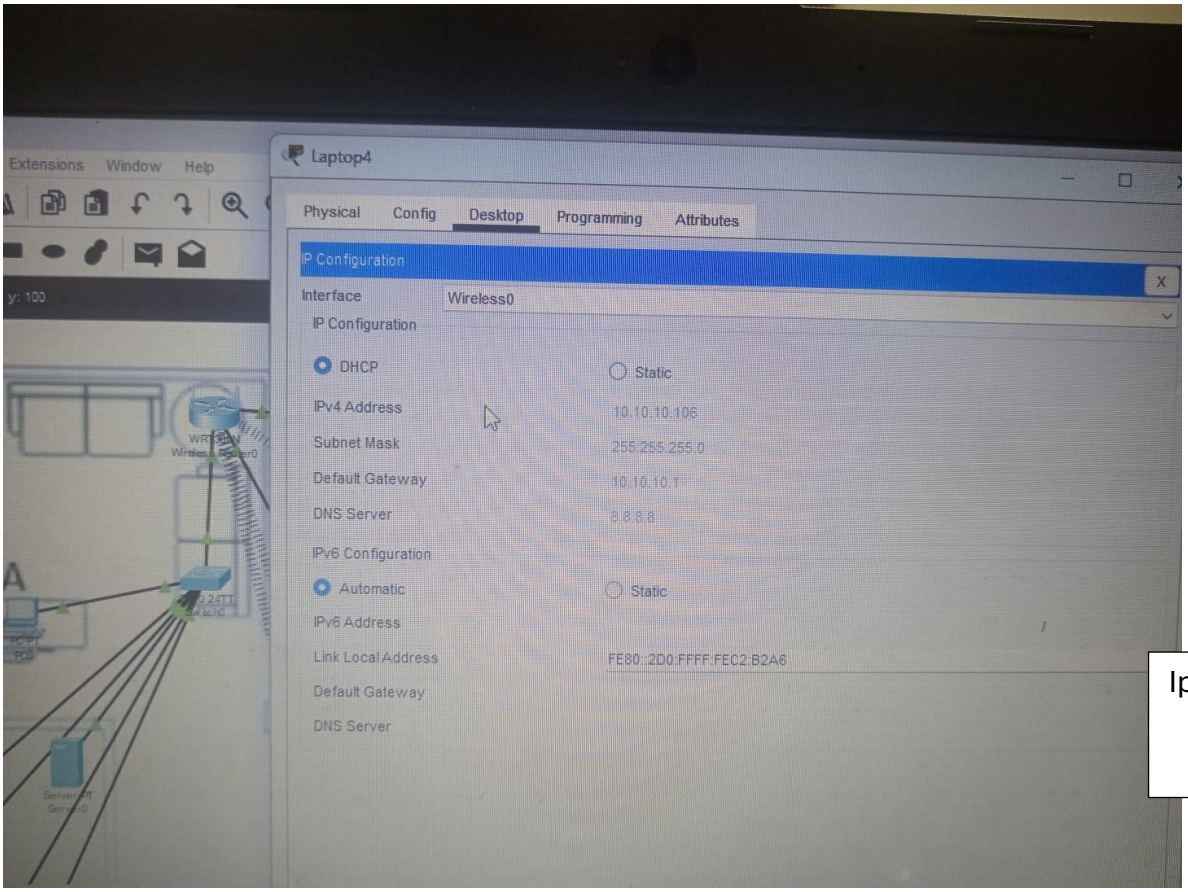

Wireless
Setup
Wireless
Security
Wireless Security
Access Restrictions
Applications & Gaming
Wireless-N Broadband Router
Administration
WRT300N
Status
Wireless Security
Security Mode:
WPA2 Personal
Encryption:
AES
Passphrase:
12345678
Key Renewal:
3600
seconds
Help...
Top


Internet Connection type
Optional Settings (required by some internet service providers)
Host Name:
Domain Name:
MTU:
Size:
1500
Network Setup
Router IP
IP Address:
10 . 10 . 10 . 1
Subnet Mask:
255.255.255.0
DHCP Server Settings
DHCP Server:
Enabled
Disabled
DHCP Reservation
Start IP Address: 10.10.10.
100
Maximum number of Users:
50
IP Address Range: 10.10.10. 100 - 149
Client Lease Time:
0
minutes (0 means one day)
Static DNS 1:
8 . 8 . 8 . 8
Static DNS 2:
0 . 0 . 0 . 0
Static DNS 3:
0 . 0 . 0 . 0
WINS:
0 . 0 . 0 . 0
Top



Comprobación de la conexión.





Ip de la laptop