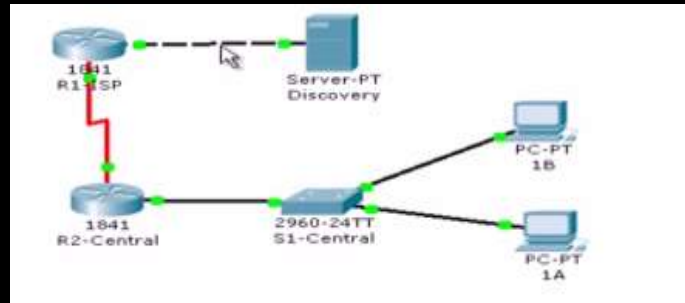






## **VIDEO 9. Gateways.**

1. Se conectan los dispositivos utilizados que son:  
2 router, 2 pc, un switch 2960-24TT, 1 Server-PT



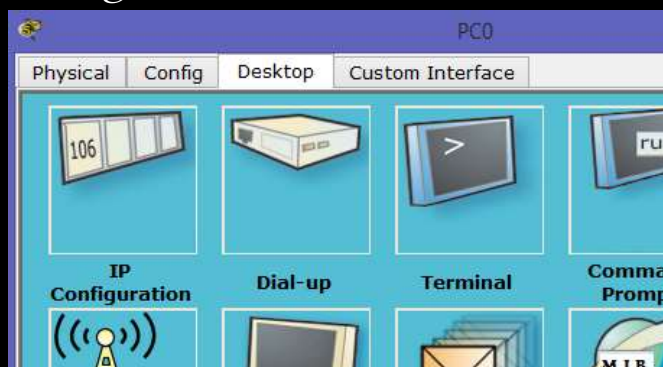
- a. Conectar el Router1 con el Server-PT con el cable > 
- b. Conectar ambos routers con el cable  (serial)
- c. Del Router al Switch, del Switch a las PC. 

2. El Router Tiene las Siguietes ip.

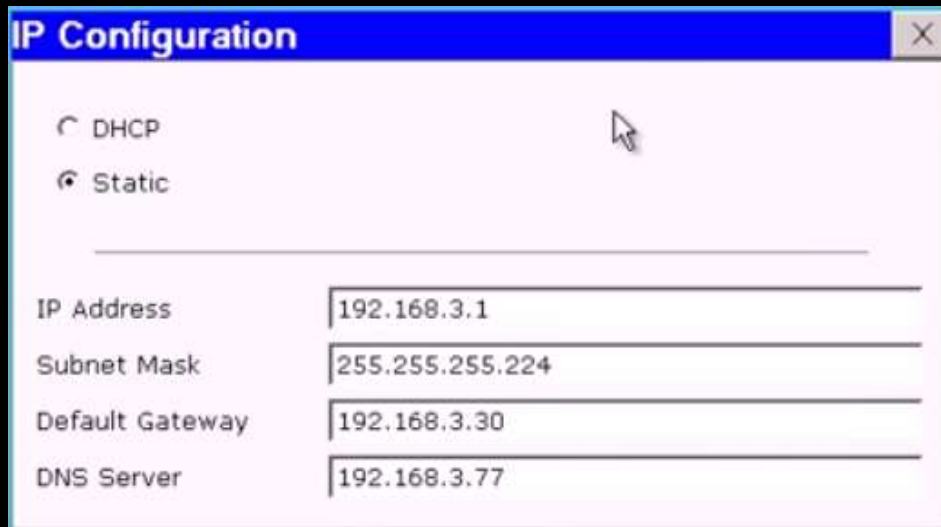


IP Address	IPv6 Address
192.168.3.30/27	<not set>
<not set>	<not set>
192.168.3.97/30	<not set>
<not set>	<not set>
<not set>	<not set>

3. Entramos a la pc 1A y nos bamos ala opcion Desktop (ip Configuration)



4. Para poder tener comunicación entre el router y la pc a través del switch se ingresa lo siguiente.



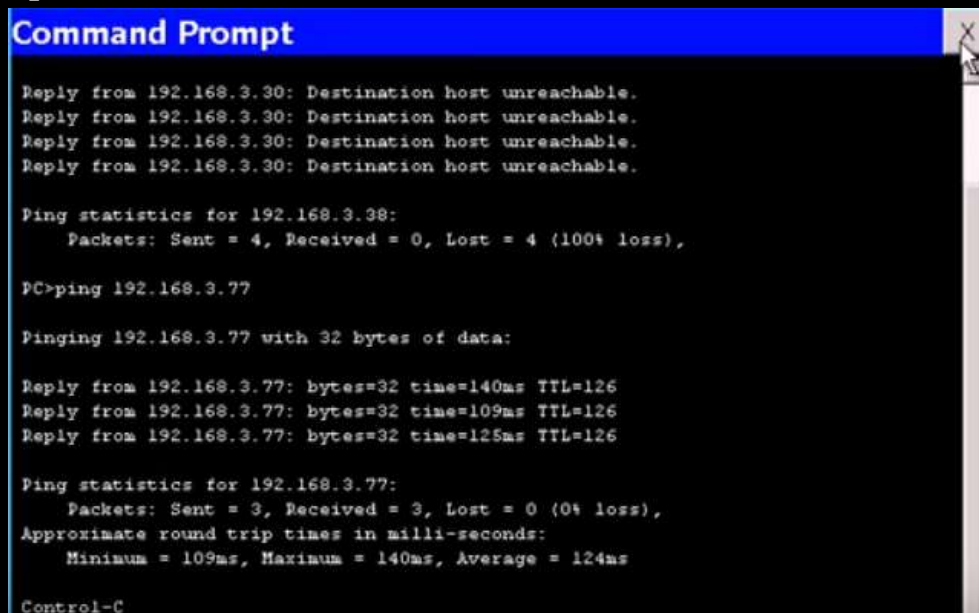
The image shows a Windows 'IP Configuration' dialog box. The 'Static' radio button is selected. The fields are filled with the following values:

Field	Value
IP Address	192.168.3.1
Subnet Mask	255.255.255.224
Default Gateway	192.168.3.30
DNS Server	192.168.3.77

5. Nos vamos a Desktop y seleccionamos



6. Muestra la siguiente pantalla y se ingresan los siguientes comandos a partir de PC>



```
Command Prompt

Reply from 192.168.3.30: Destination host unreachable.
Reply from 192.168.3.30: Destination host unreachable.
Reply from 192.168.3.30: Destination host unreachable.
Reply from 192.168.3.30: Destination host unreachable.

Ping statistics for 192.168.3.30:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

PC>ping 192.168.3.77

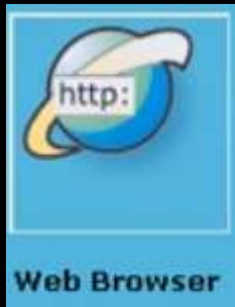
Pinging 192.168.3.77 with 32 bytes of data:

Reply from 192.168.3.77: bytes=32 time=140ms TTL=126
Reply from 192.168.3.77: bytes=32 time=109ms TTL=126
Reply from 192.168.3.77: bytes=32 time=125ms TTL=126

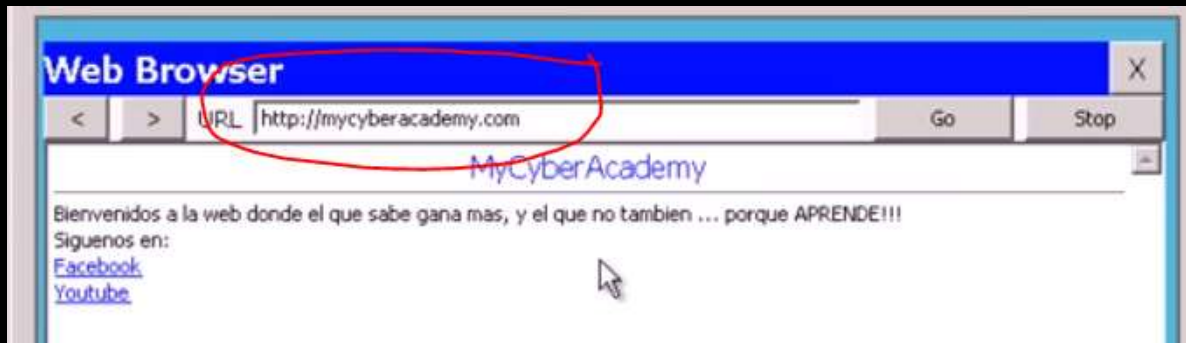
Ping statistics for 192.168.3.77:
    Packets: Sent = 3, Received = 3, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 109ms, Maximum = 140ms, Average = 124ms

Control-C
```

7. Ahora selecciona de Desckop



8. Ponemos la sig direcccion



ASI FINALIZA EL VIDEO NUMERO 9

*Referencia>*

<https://www.youtube.com/watch?v=94YjEjwGb3g&list=PL19E8BE542D61D648&index=9>