

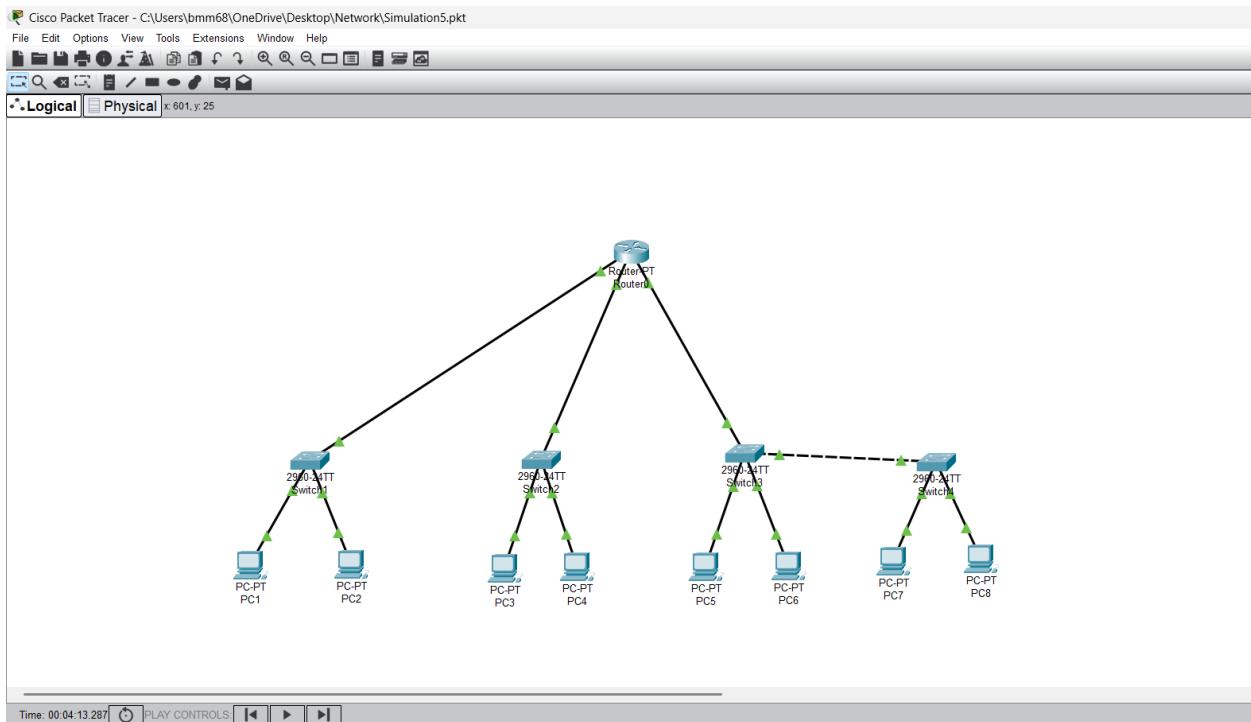
Benyahir Y. Martínez Hermina

R00624824

Actividad 9 – Modulo 2 – Lección 9:

1. Configura una red con 4 switches, 8 PCs y un router en Cisco Packet Tracer.
2. Divide la red en 3 dominios de broadcast utilizando el router. Envía mensajes de broadcast desde una de las computadoras y observa cómo se propagan solo dentro de su subred.
3. Entrega de la actividad:
  - a. Desarrolla un informe en formato PDF con todas las respuestas e ilustraciones solicitadas en esta actividad. Entrega la actividad en el lugar designado por el profesor para esta actividad.

# Parte 1: Diseño de la red



- División de las direcciones de IP, switches y PC's.

Switch 1:

PC 1 - 192.168.1.1  
PC 2 - 192.168.1.2

Switch 2:

PC 3 – 192.168.2.1  
PC 4 – 192.168.2.2

Switch 3:

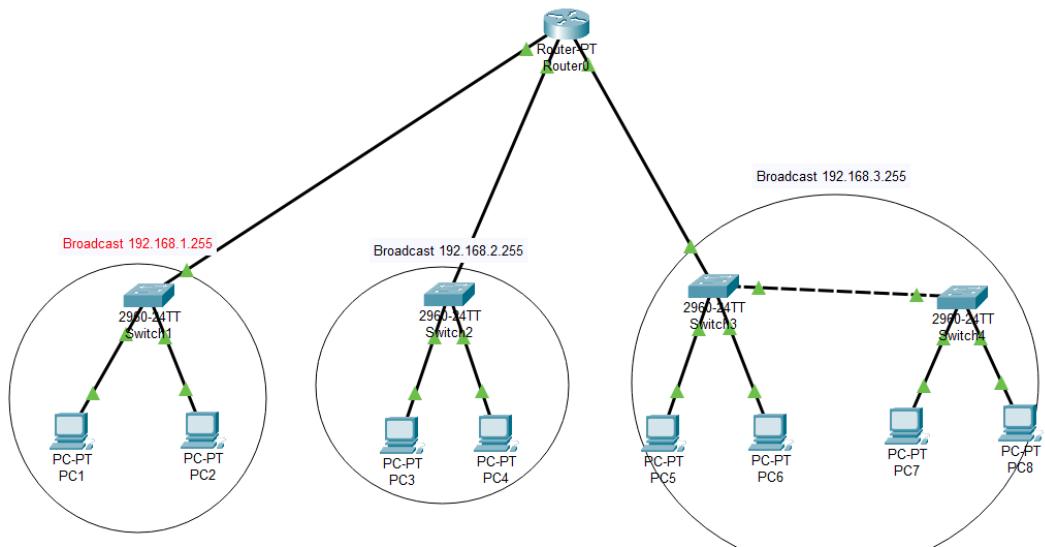
PC 5 – 192.168.3.1  
PC 6 – 192.168.3.2

Switch 4:

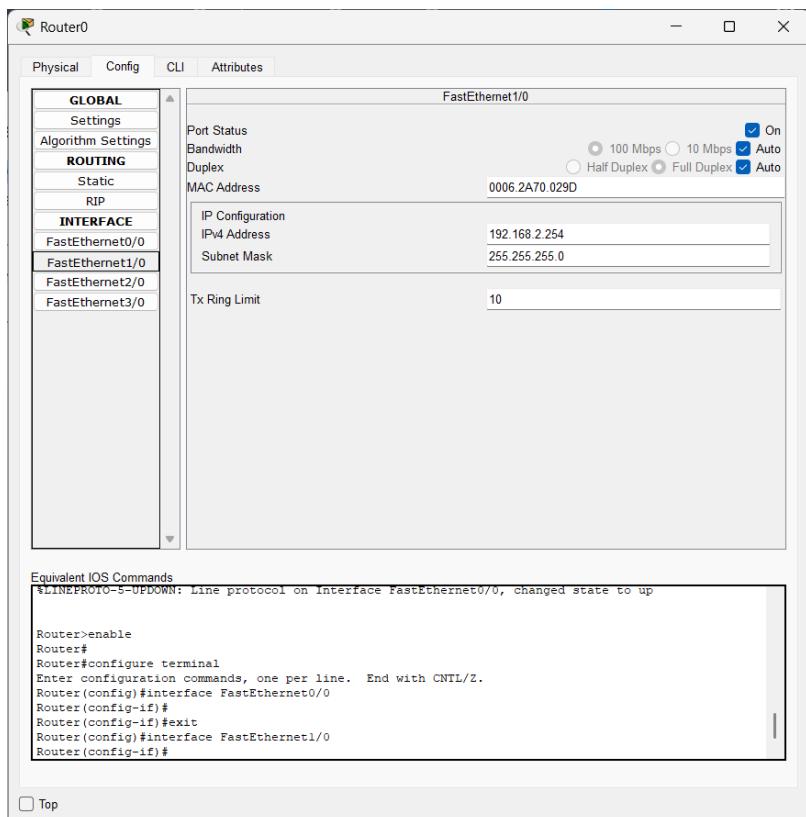
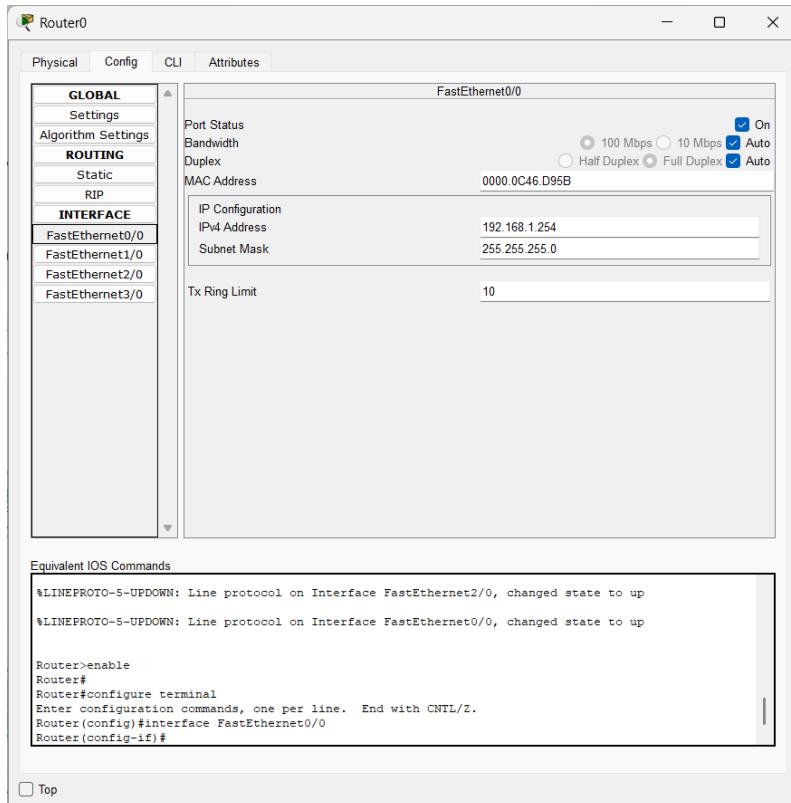
PC 7 – 192.168.3.3  
PC 8 – 192.168.3.4

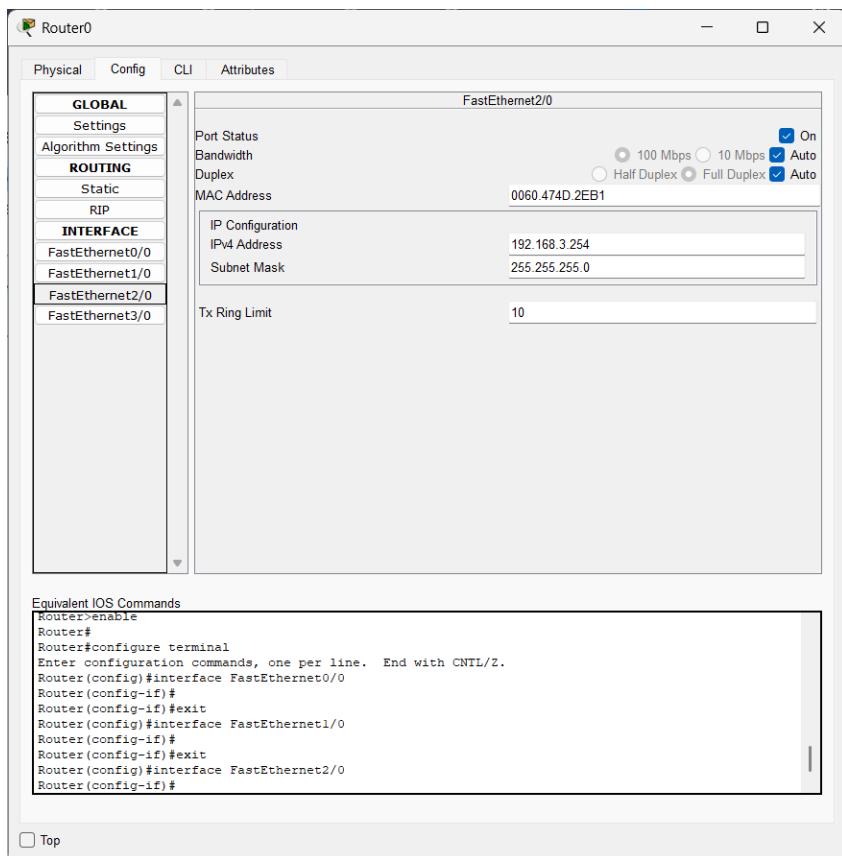
## Parte 2: División de broadcast

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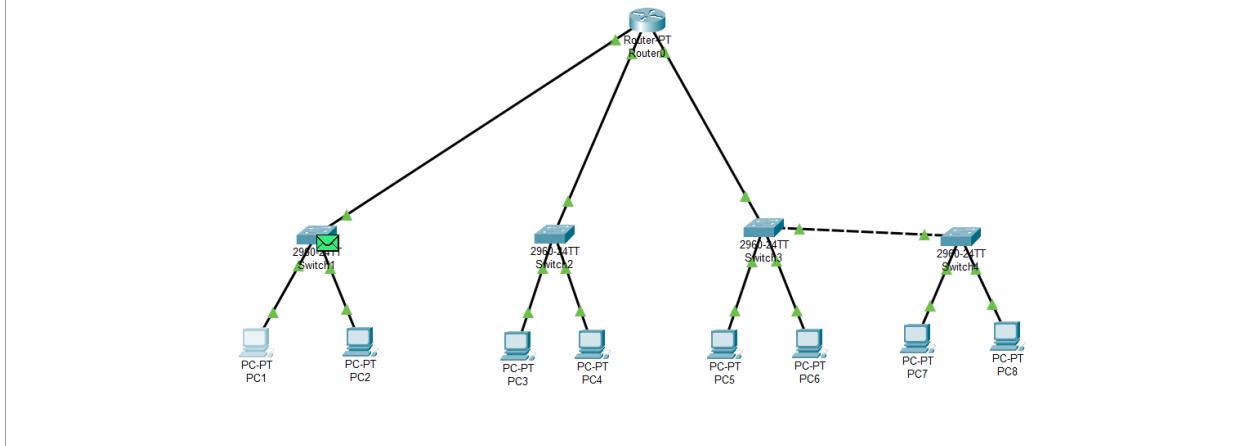
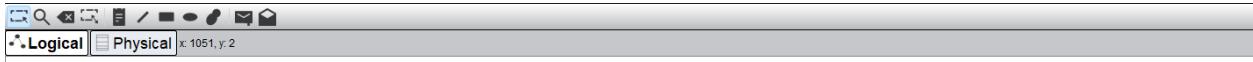
- Configuración de las interfaces del router.

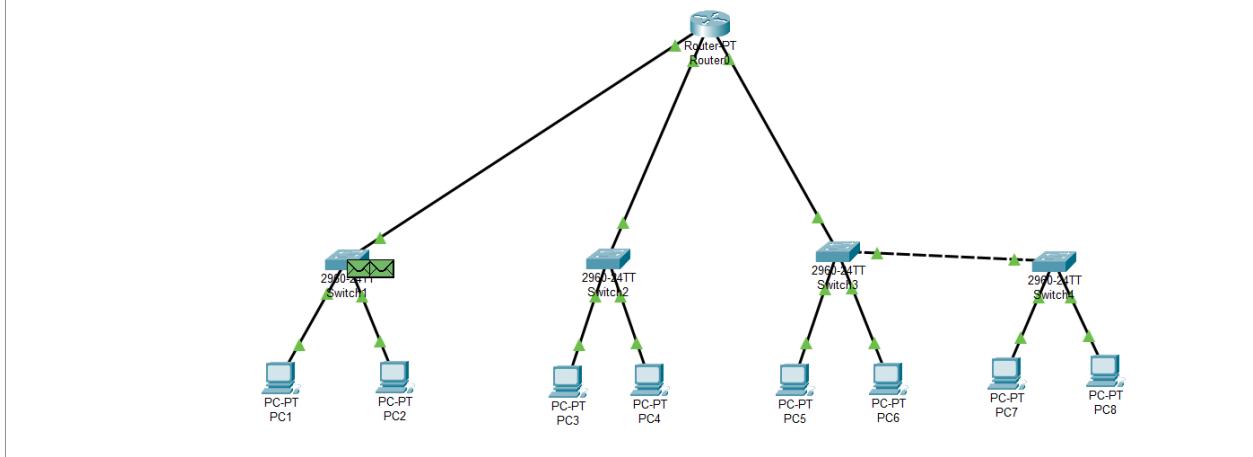
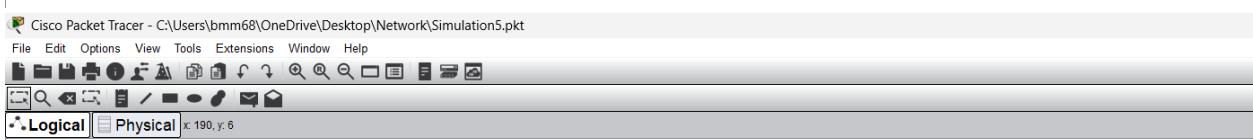
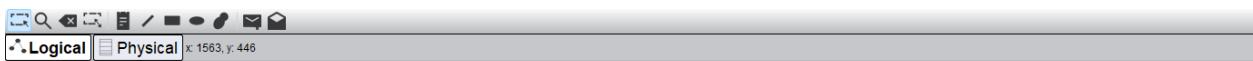


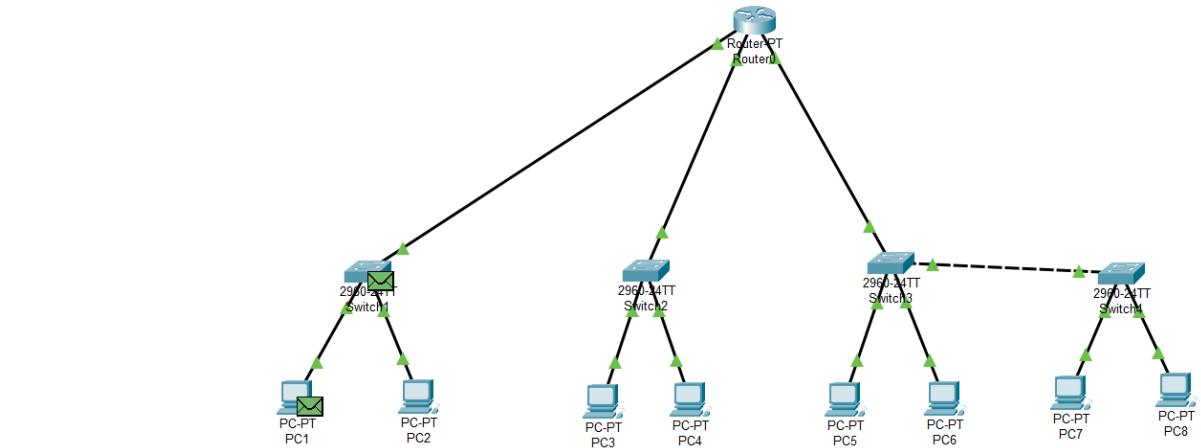
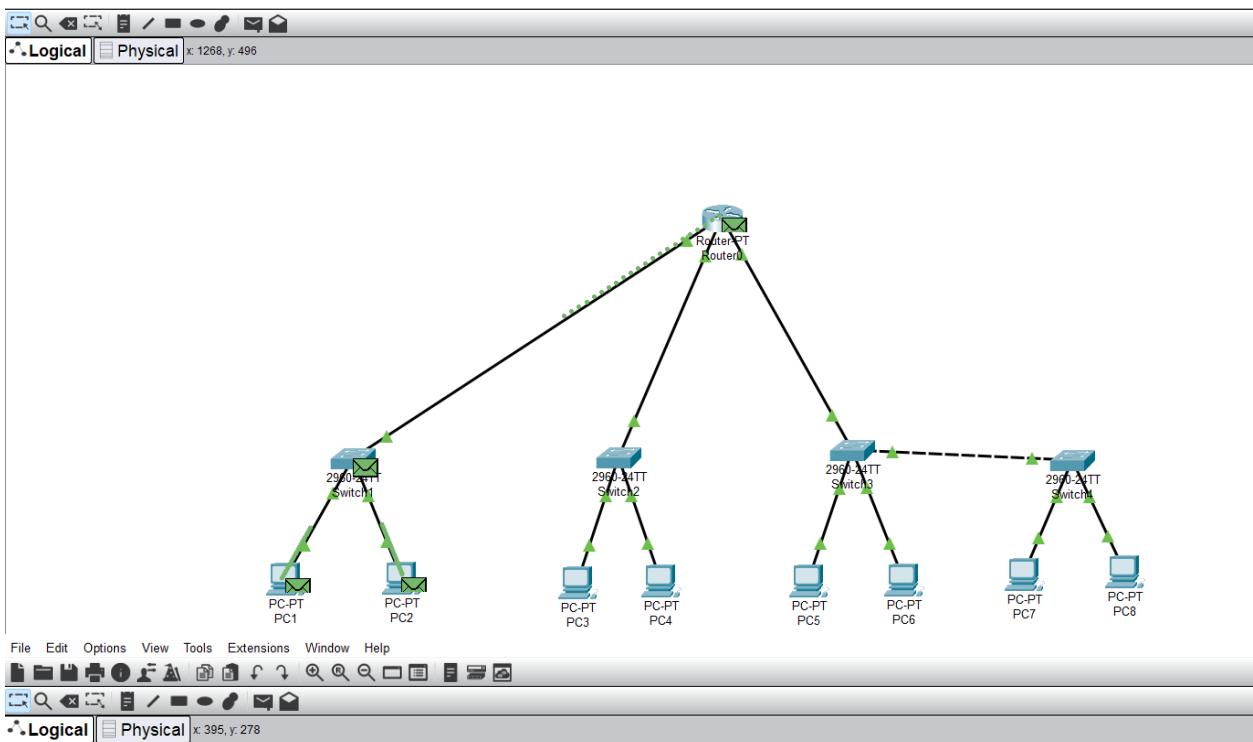


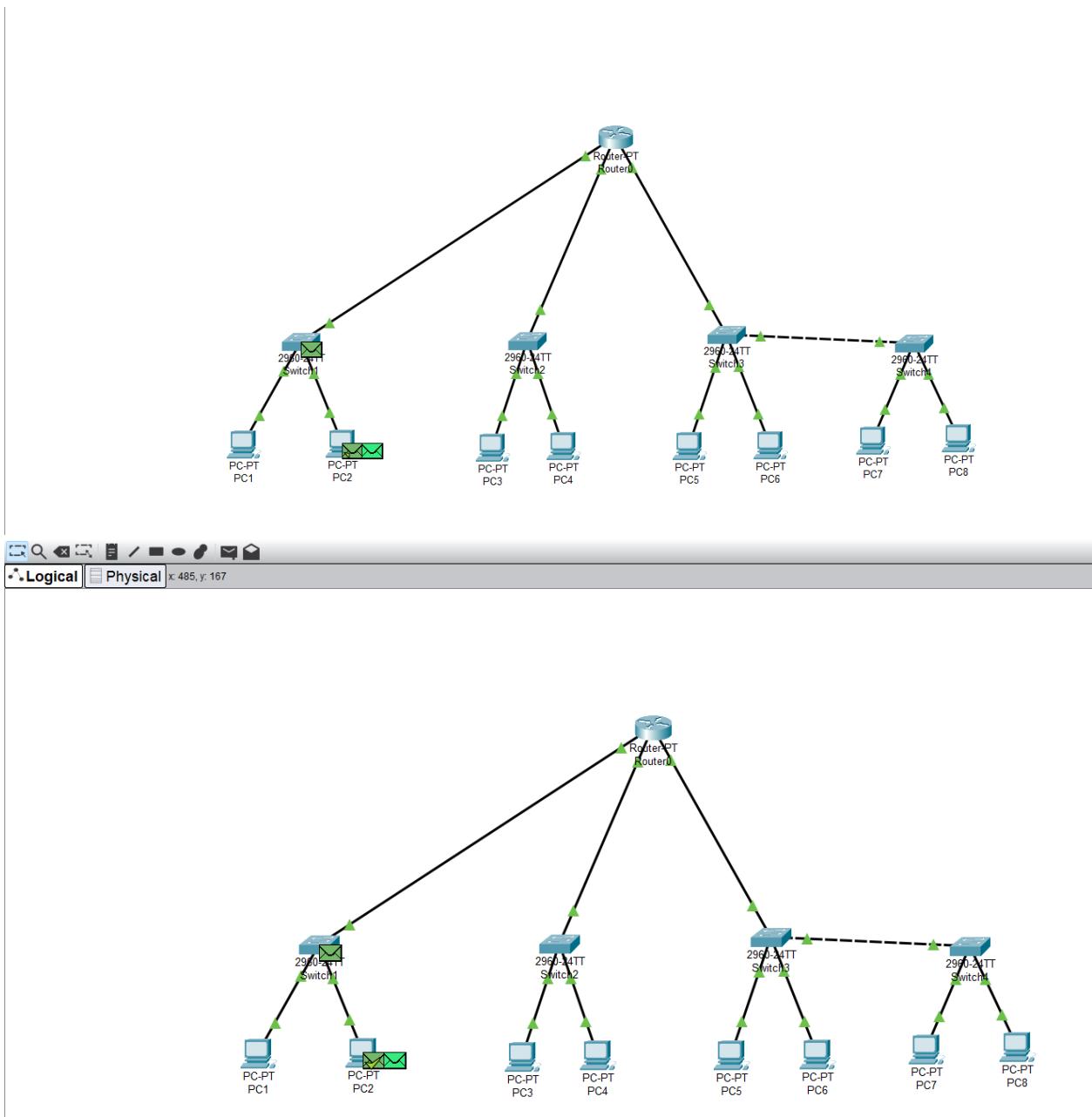
## Parte 3: Envió de mensajes

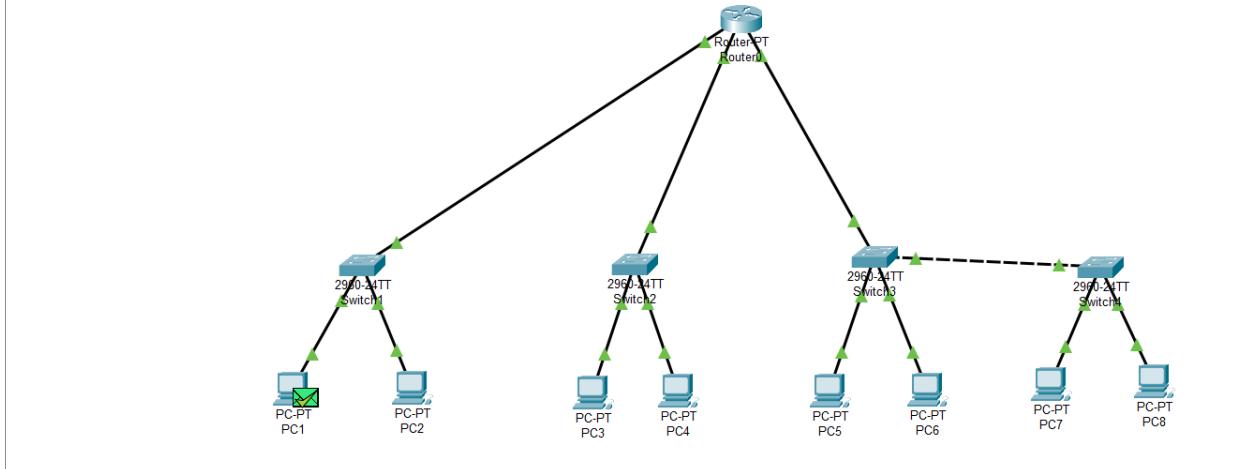
Broadcast 1: subred 192.168.1.255



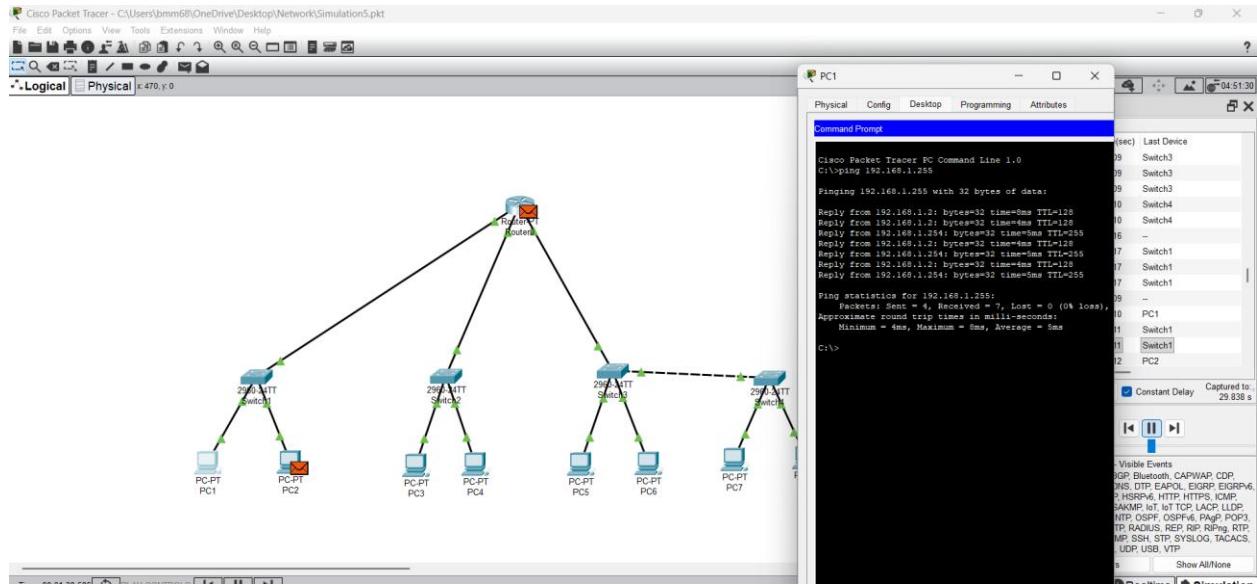




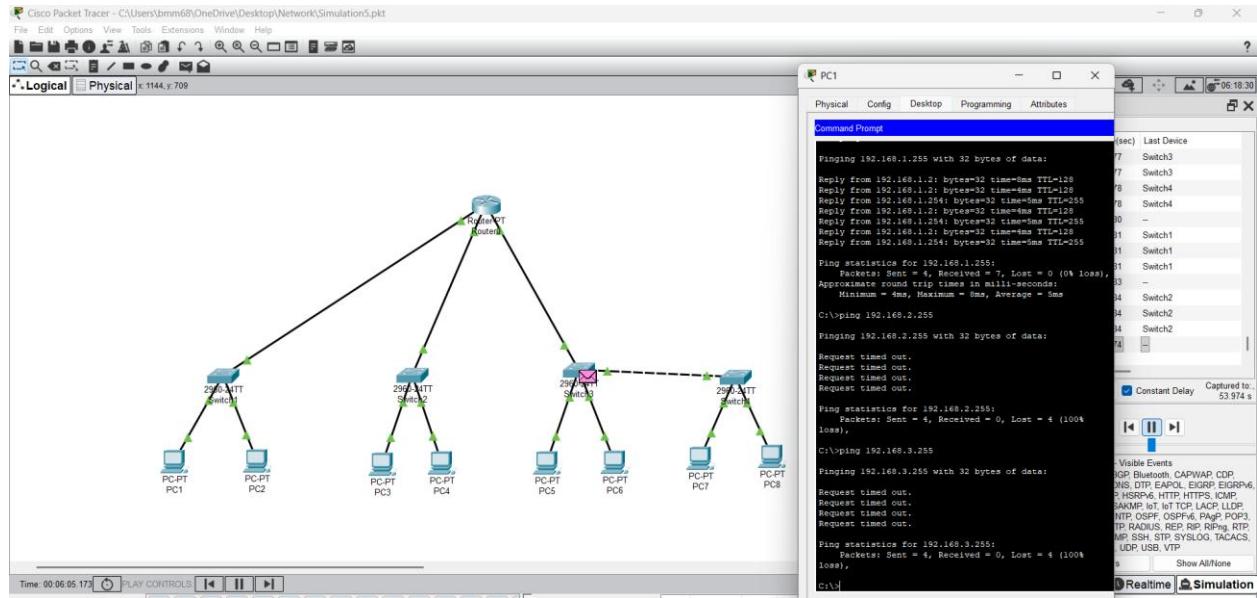




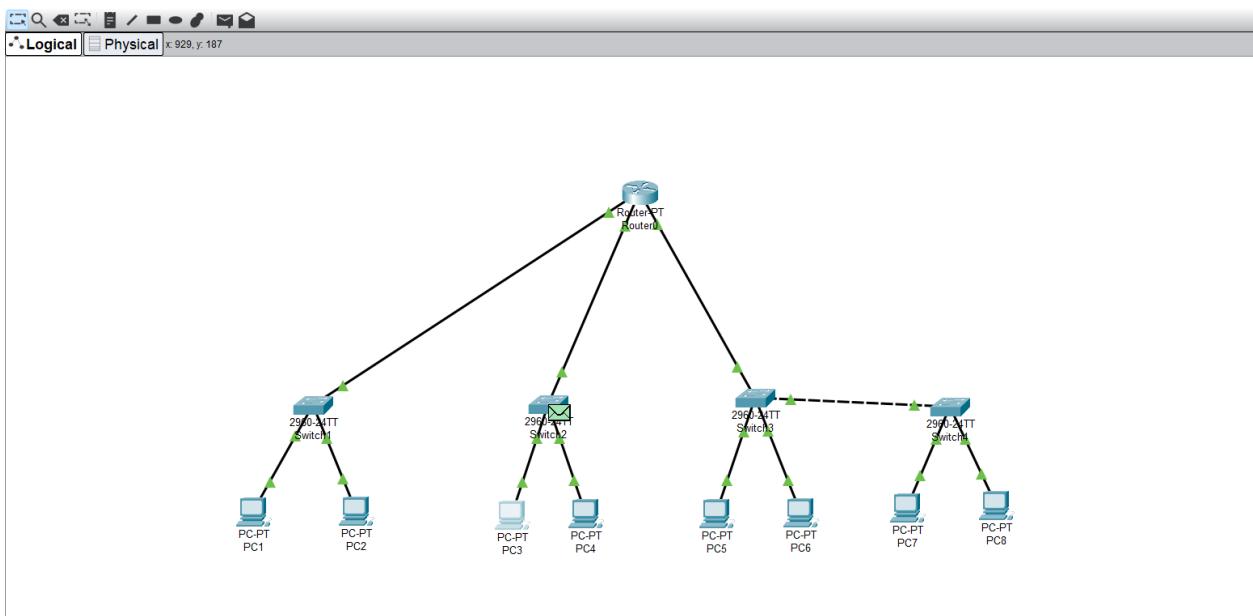
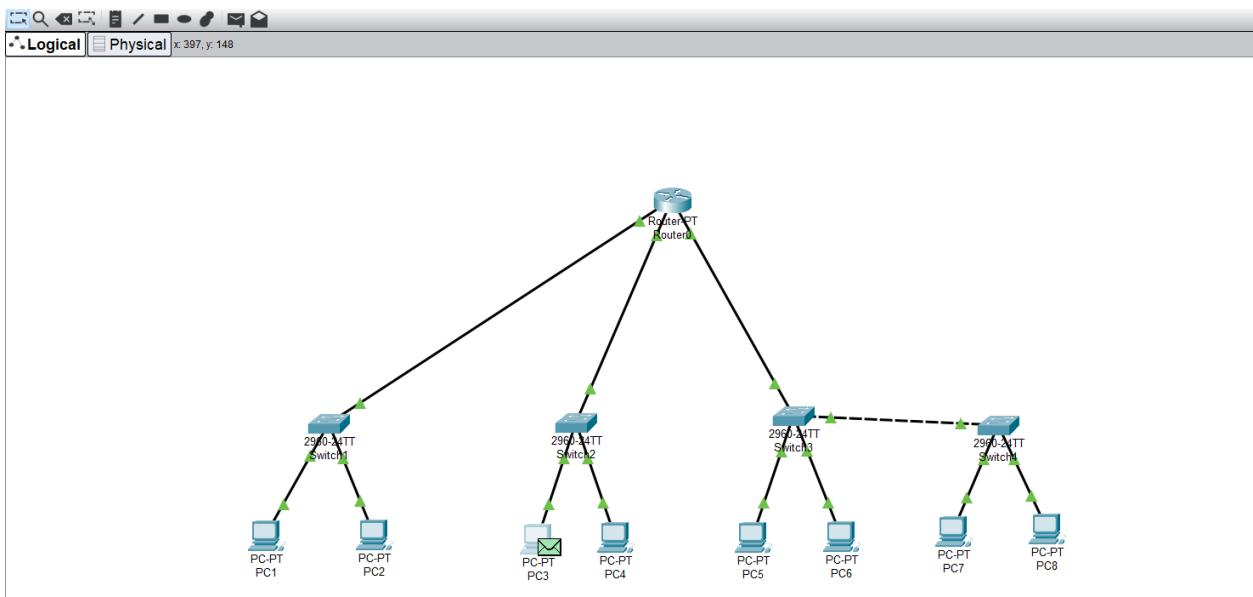
## Fotos del command prompt

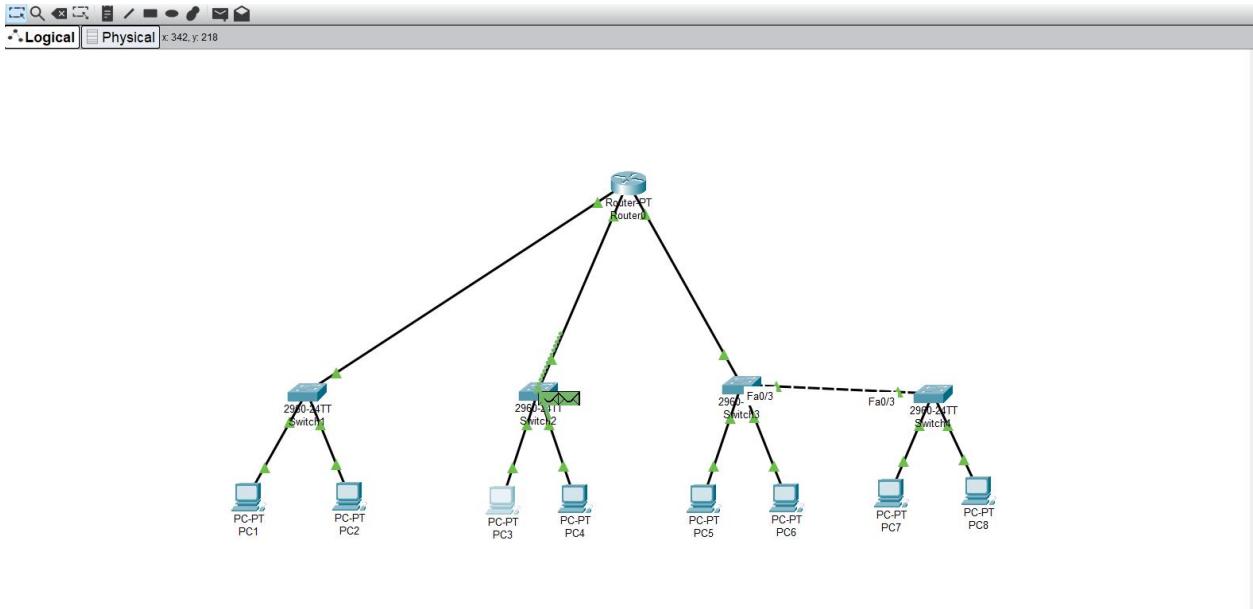
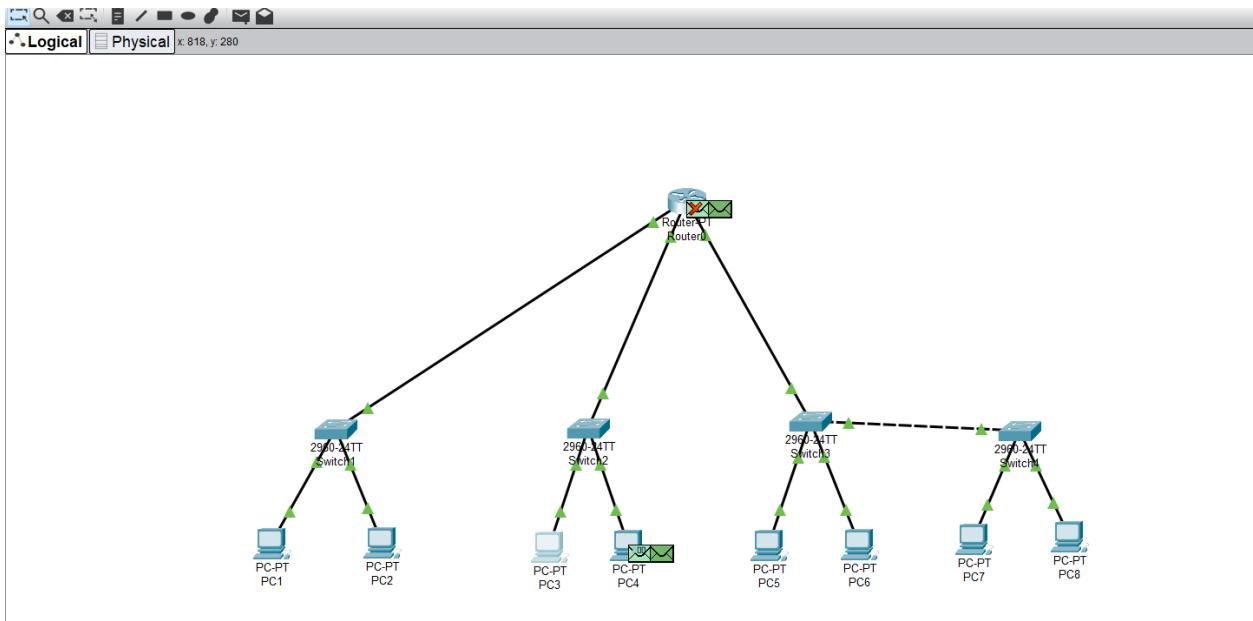


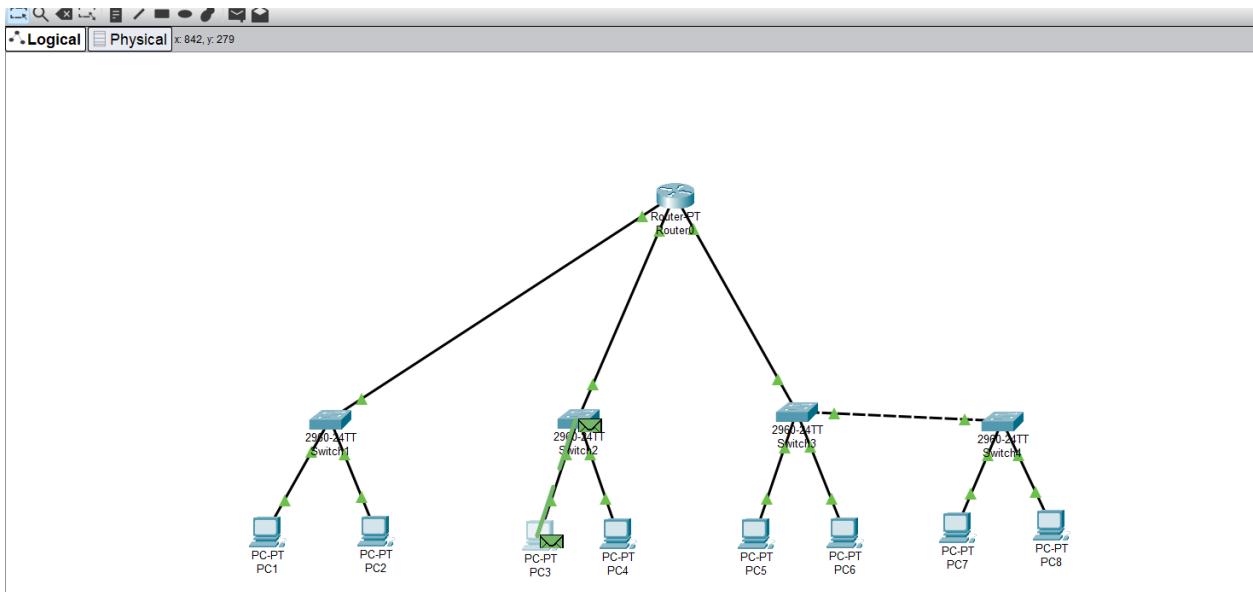
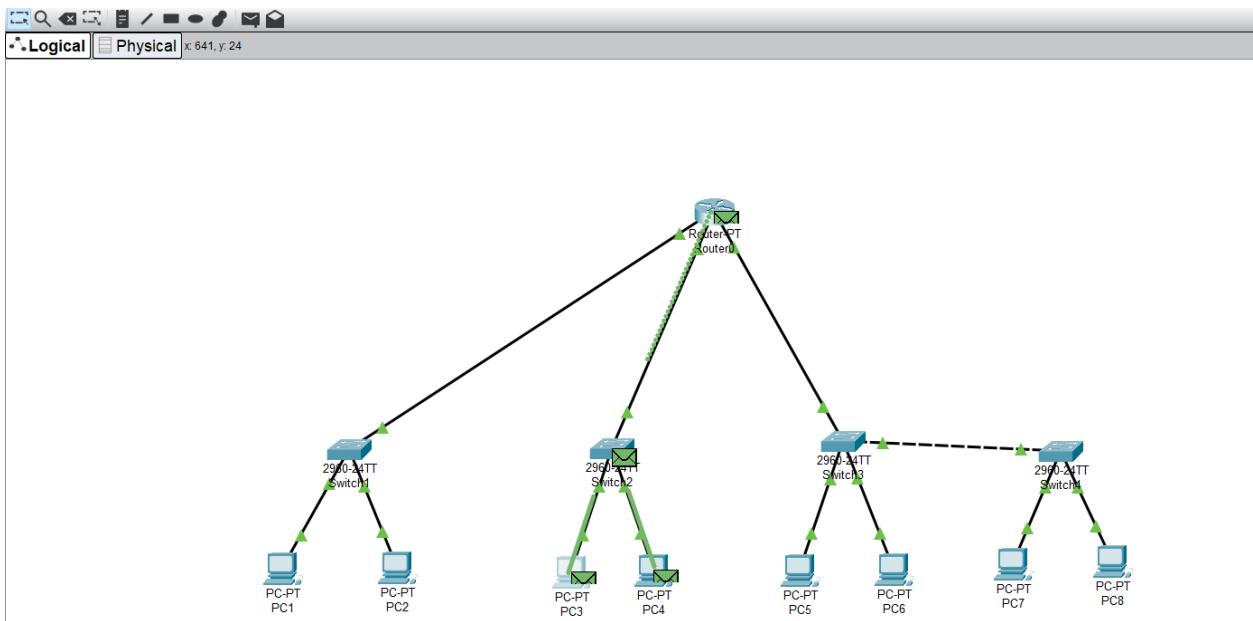
## Desde PC 1 hacia las otras subredes

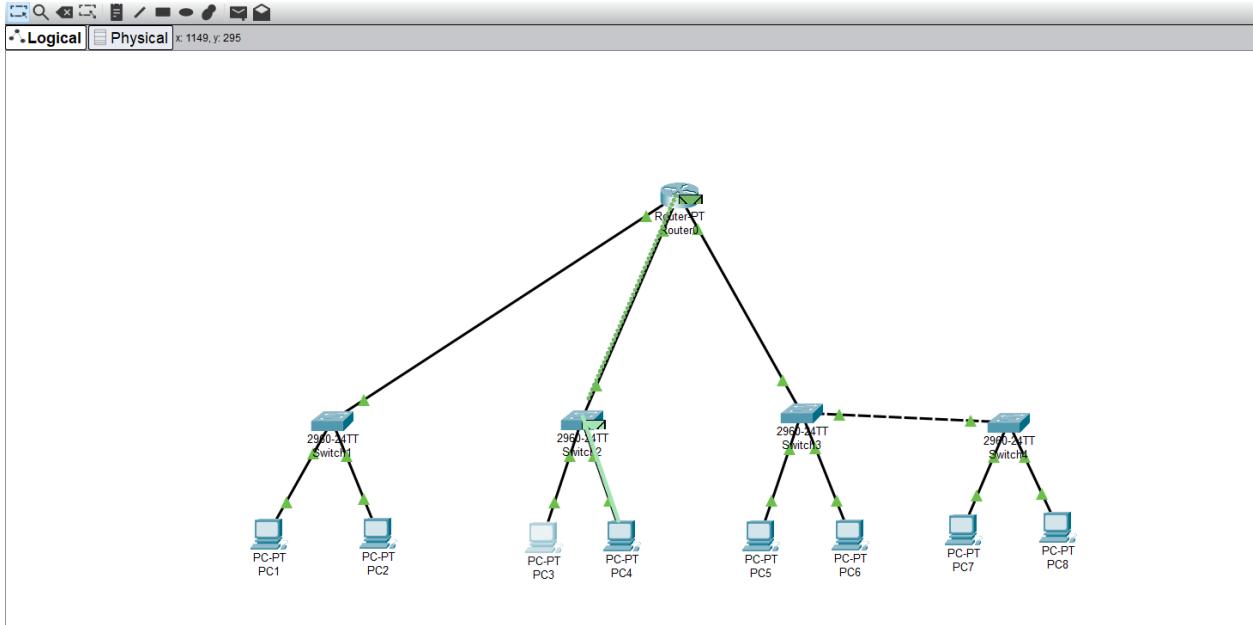
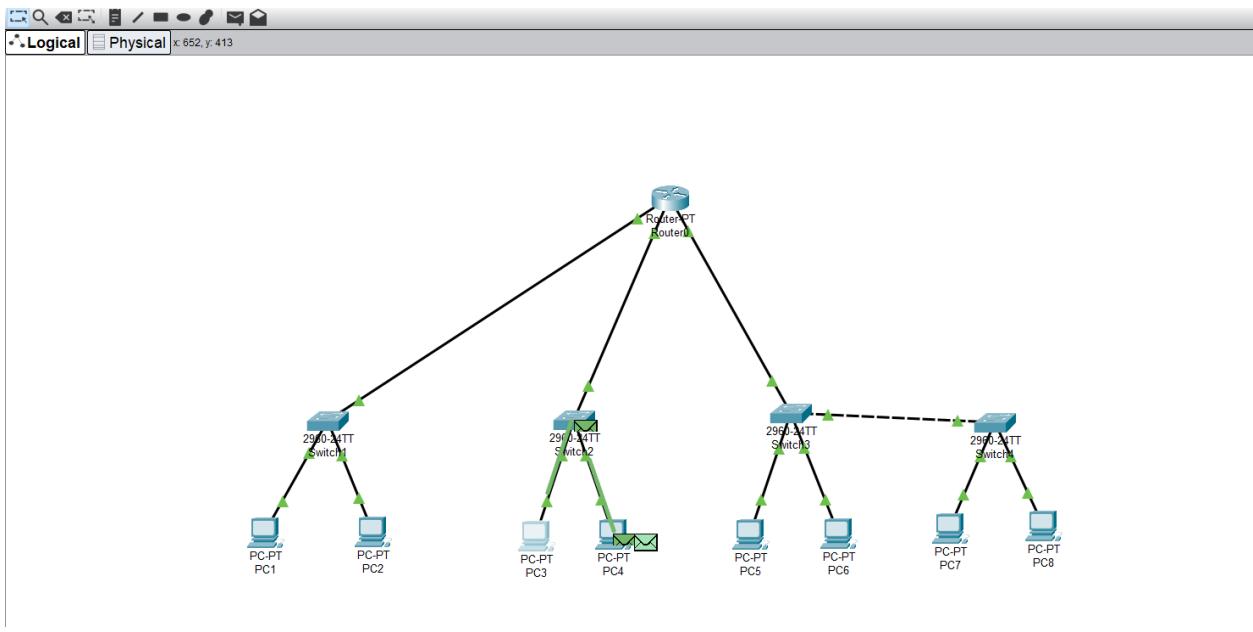


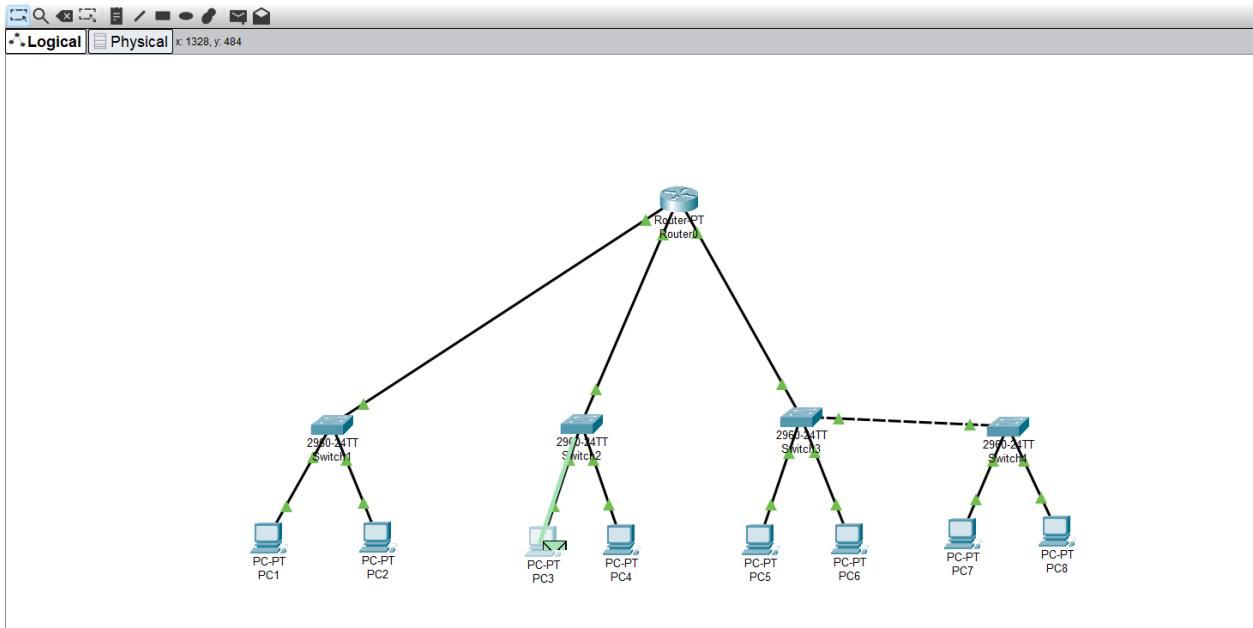
## Brodcast 2: subred 192.168.2.255



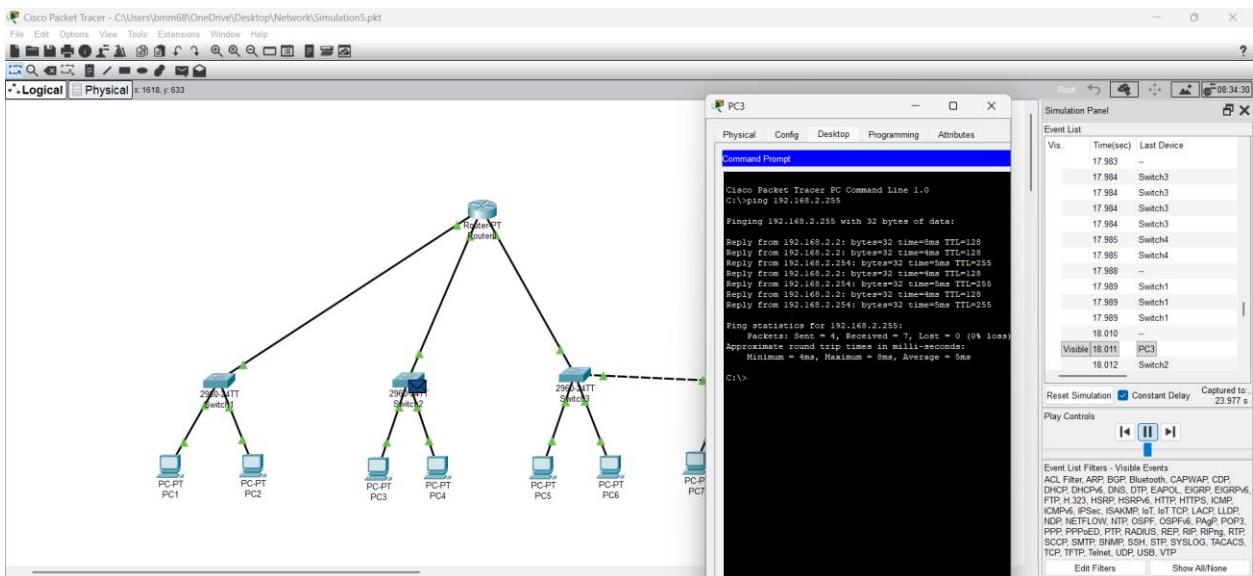




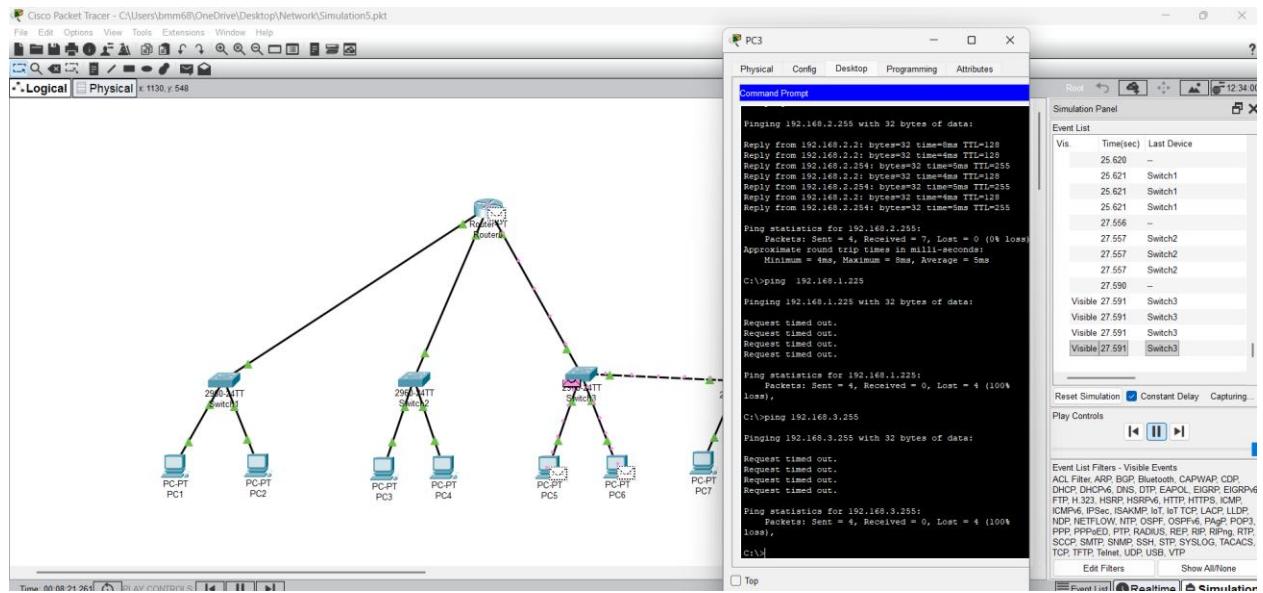




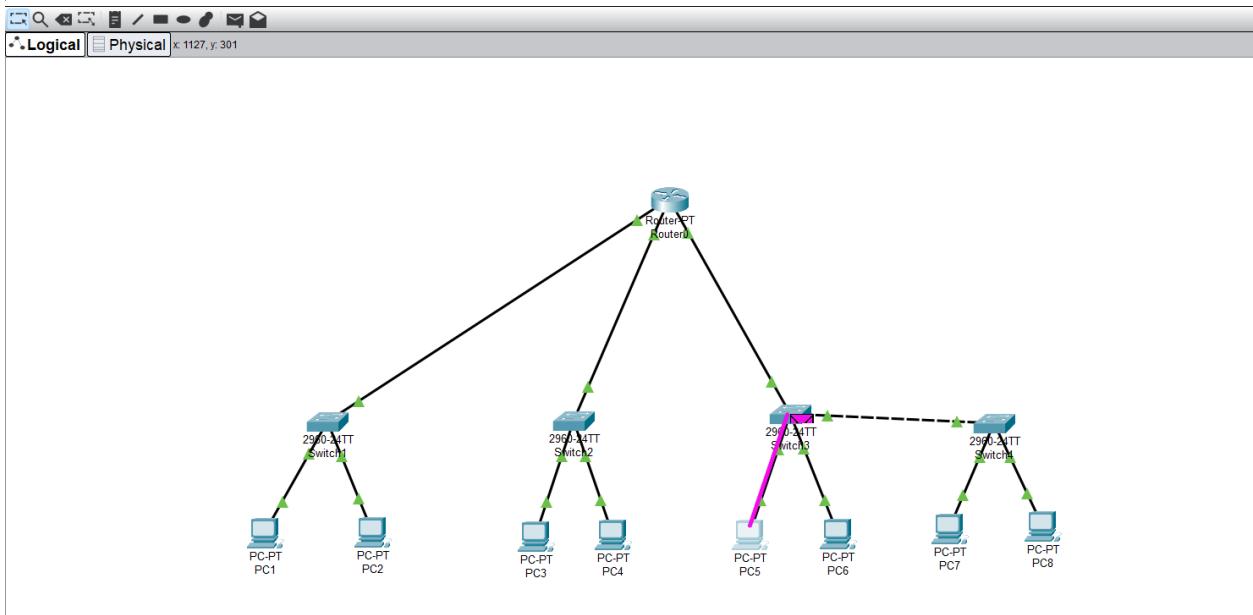
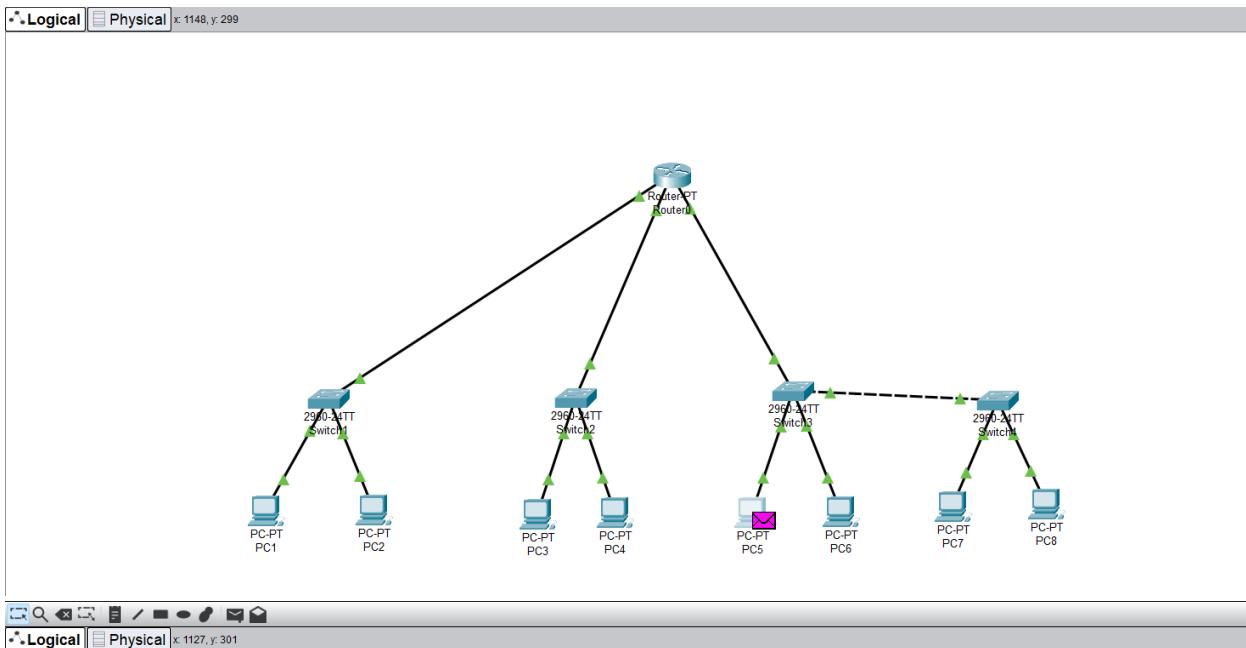
## Fotos del command prompt

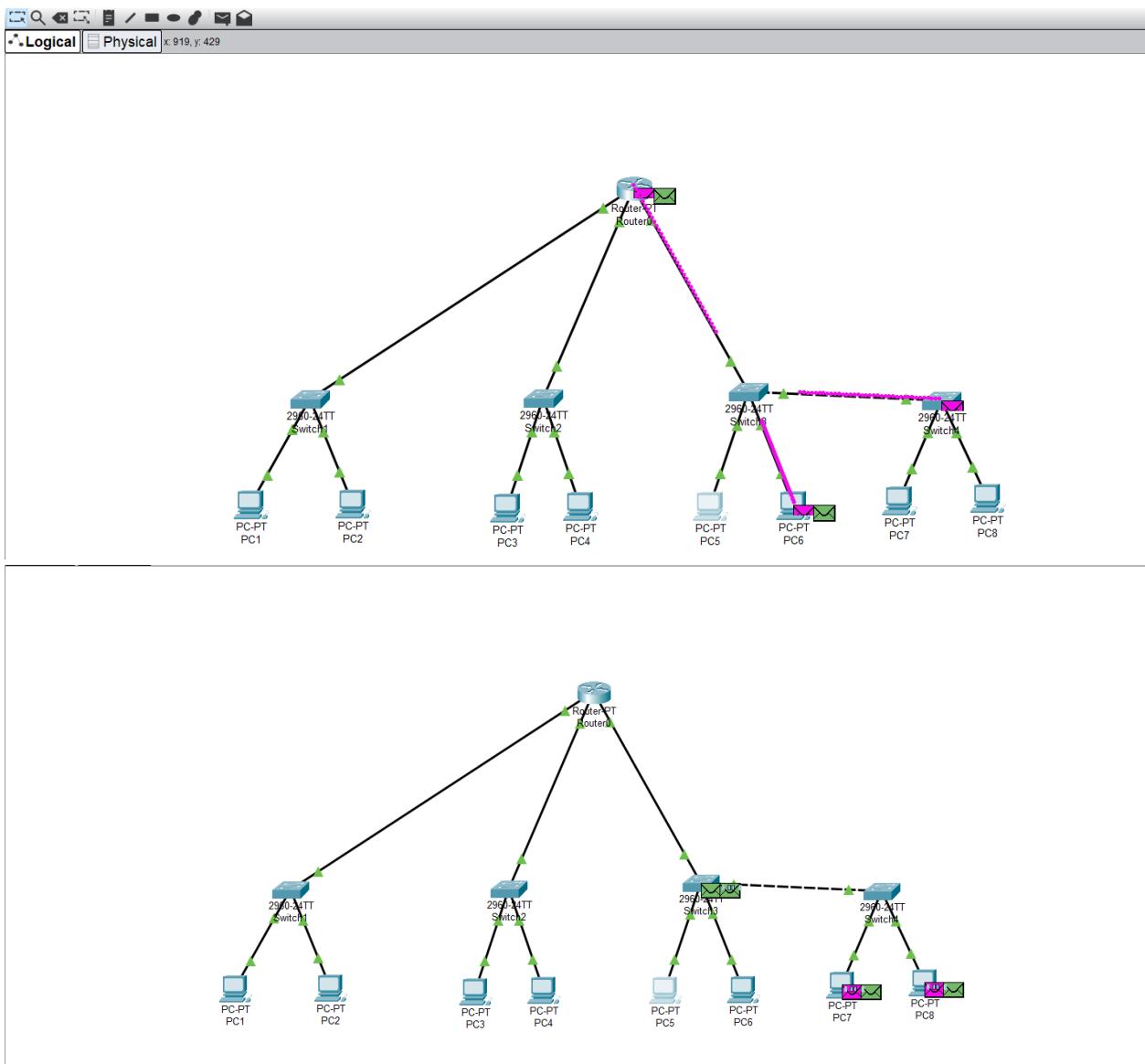


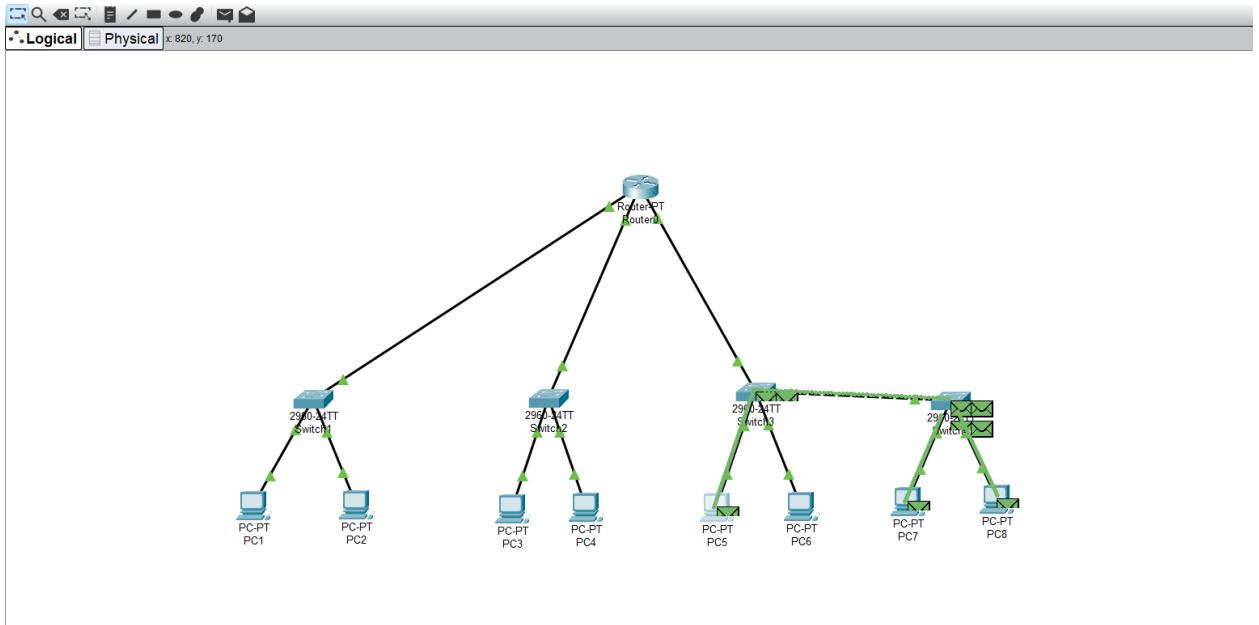
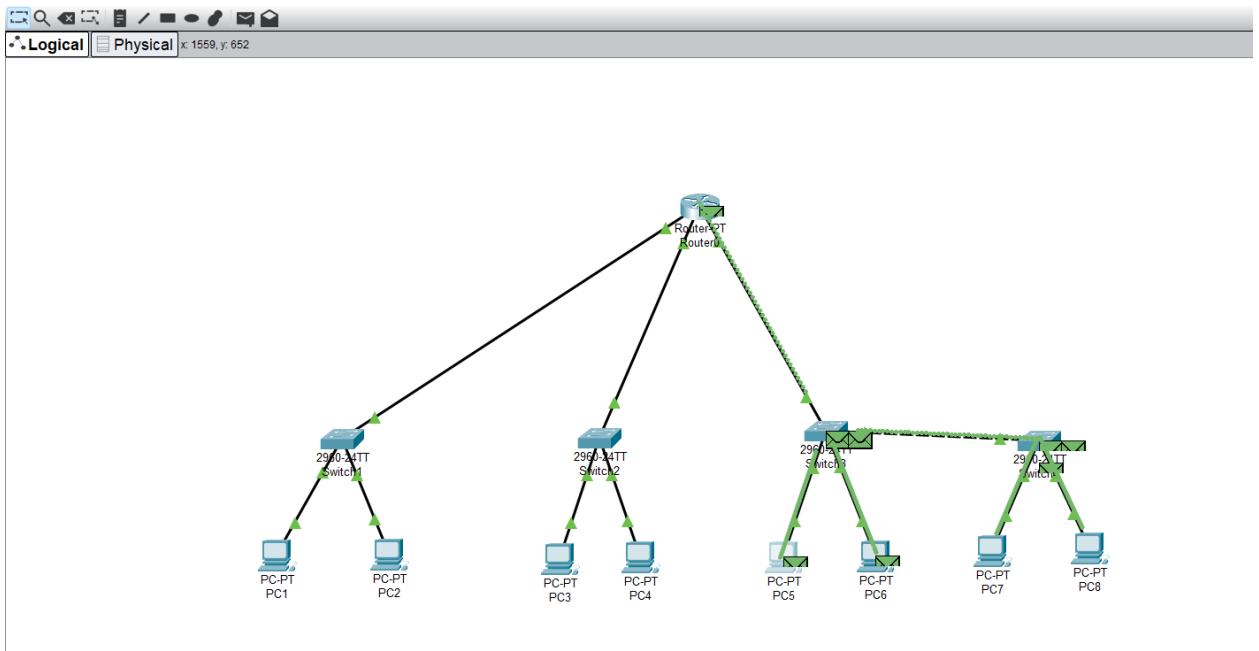
## Desde PC 3 hacia las otras subredes

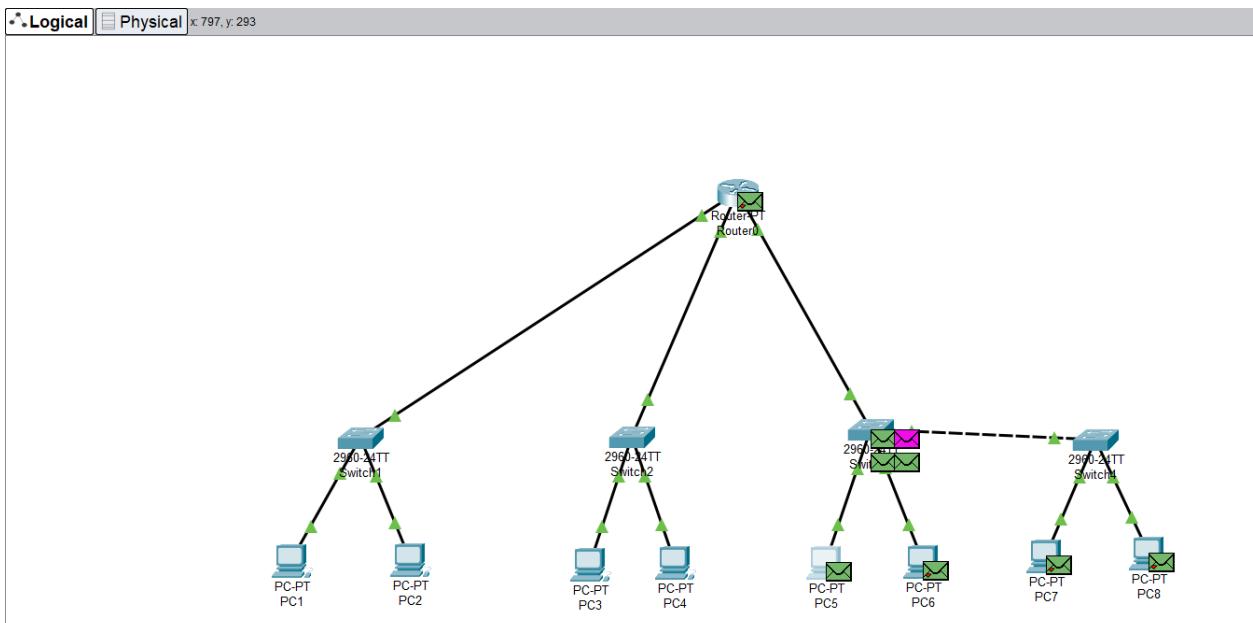
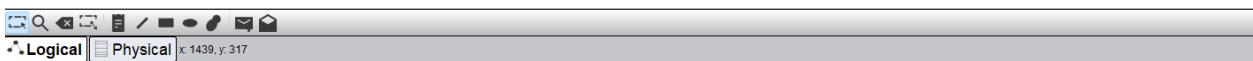


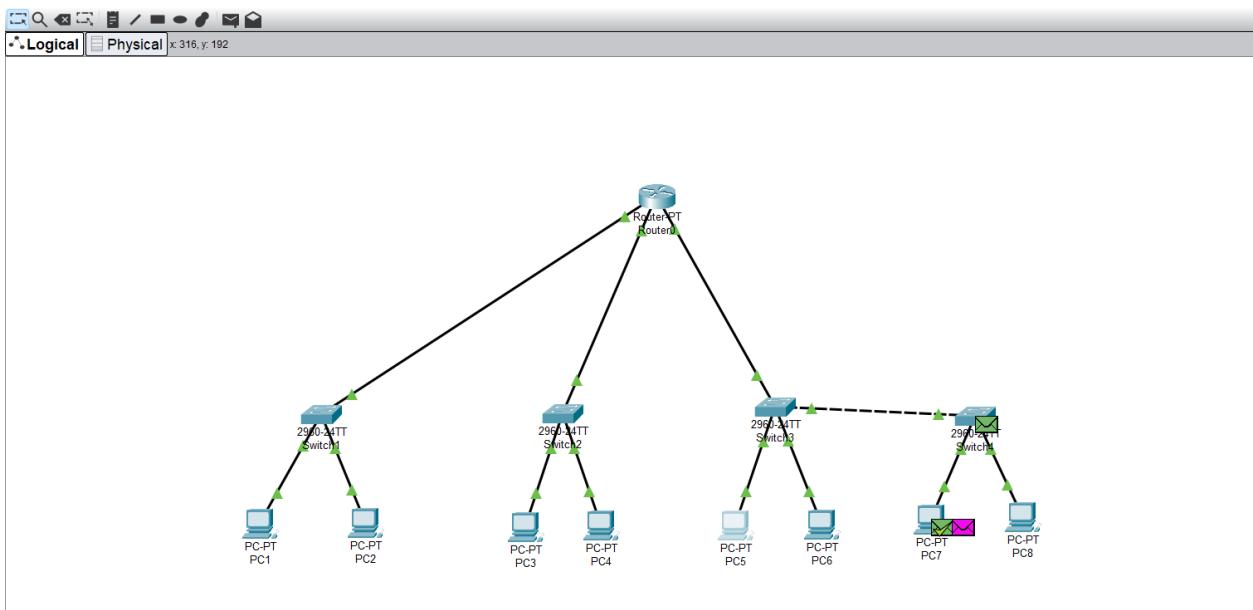
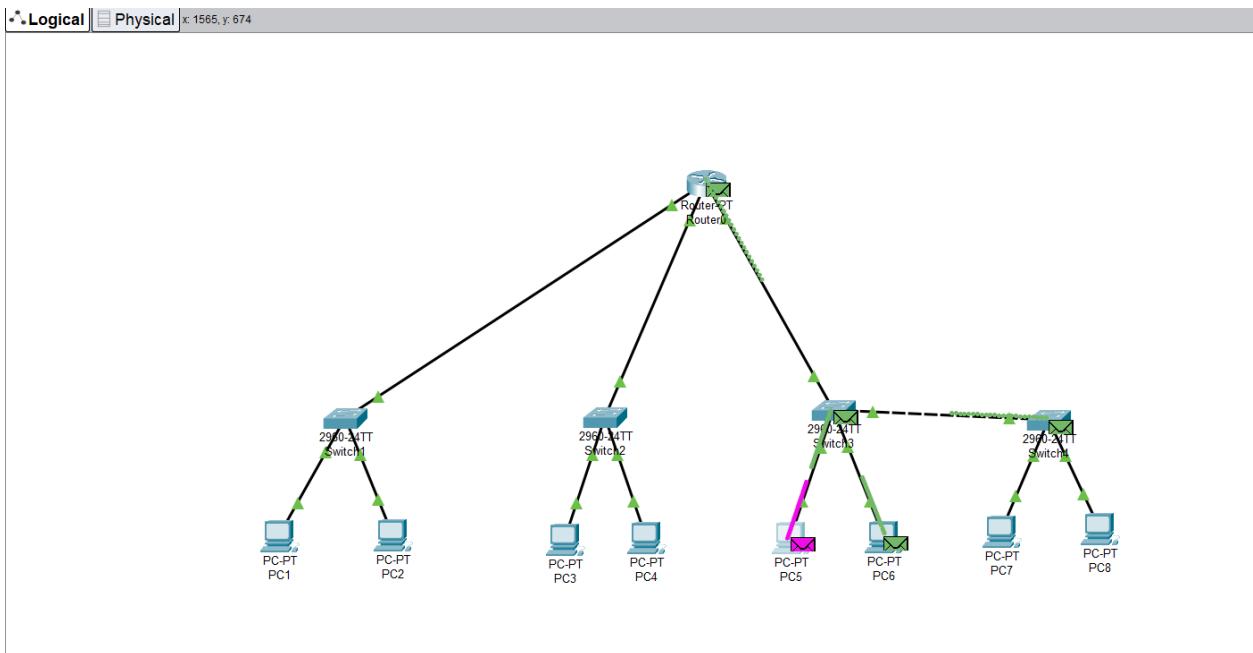
### Broadcast 3: subred 192.168.3.255

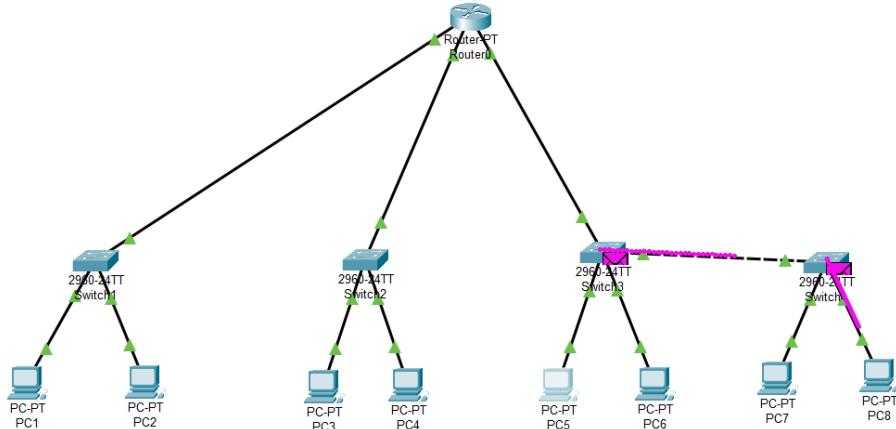
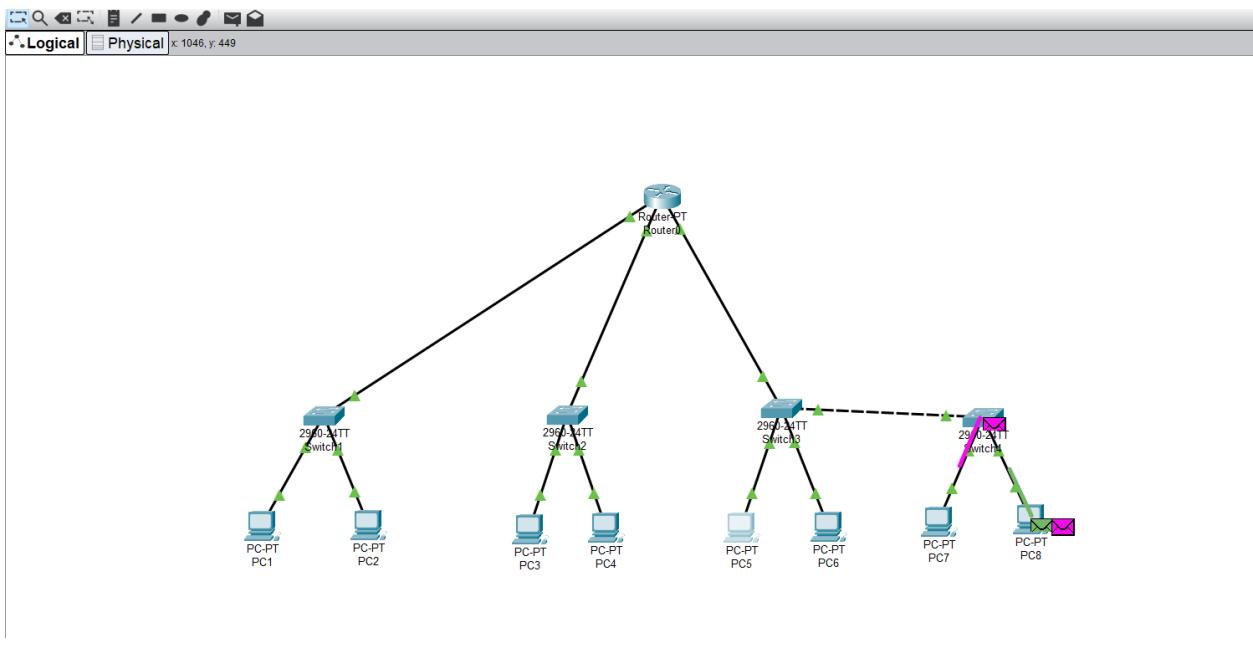


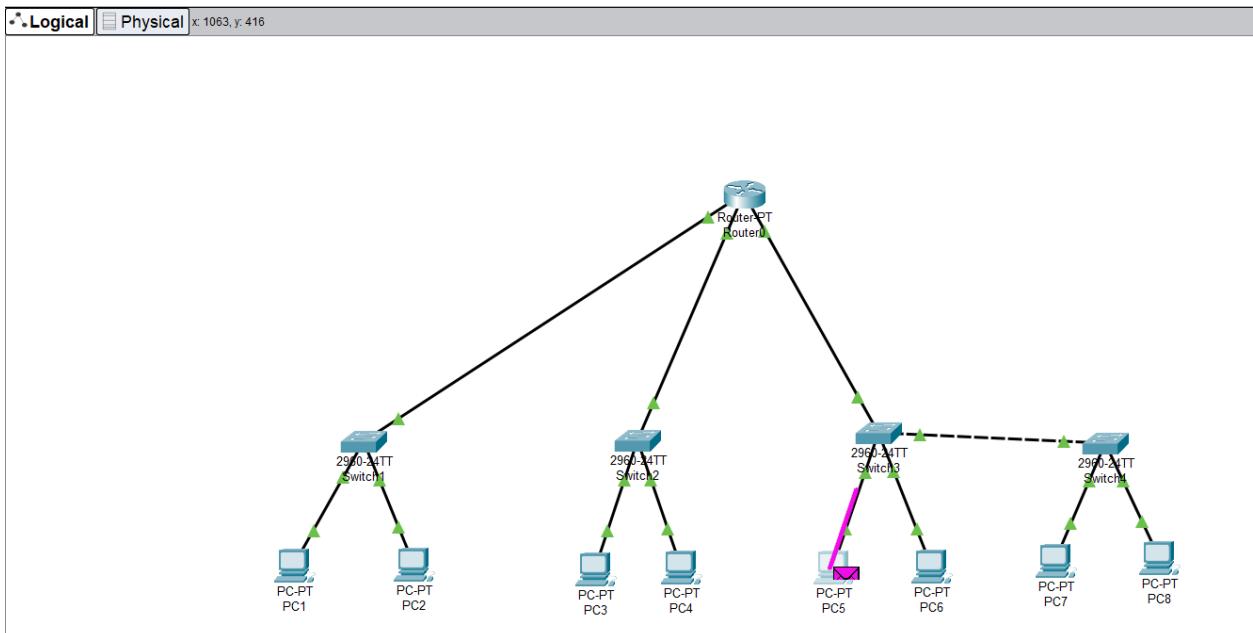
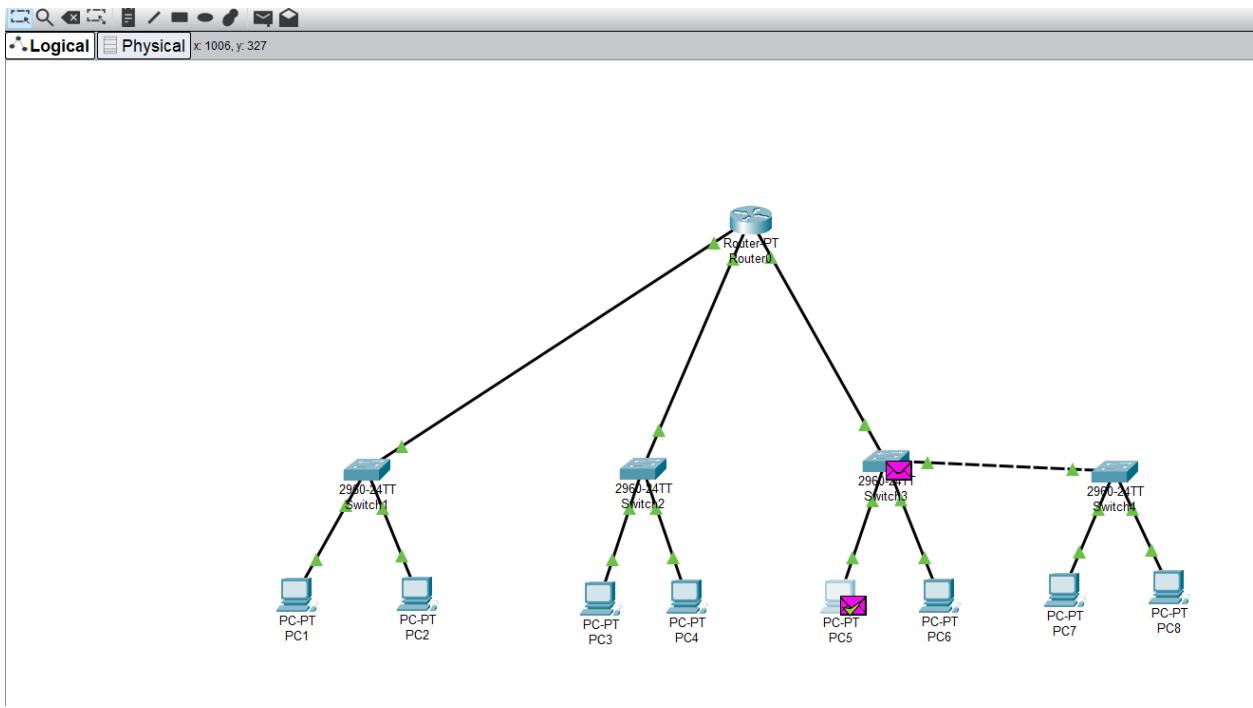




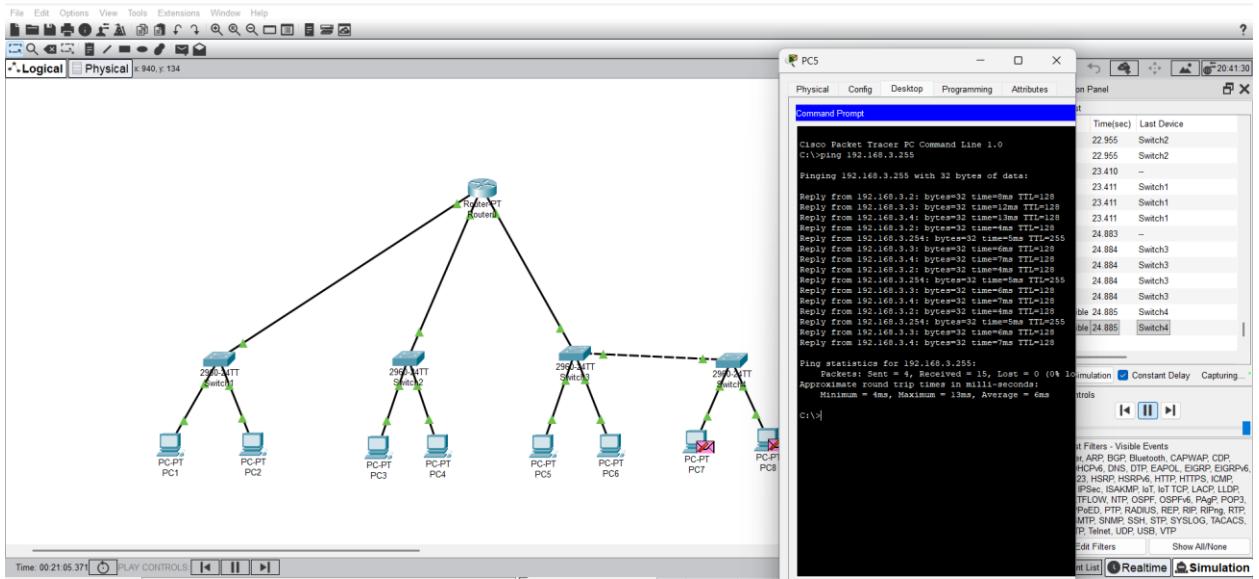








## Foto del command prompt



## Desde PC 5 hacia las otras subredes

