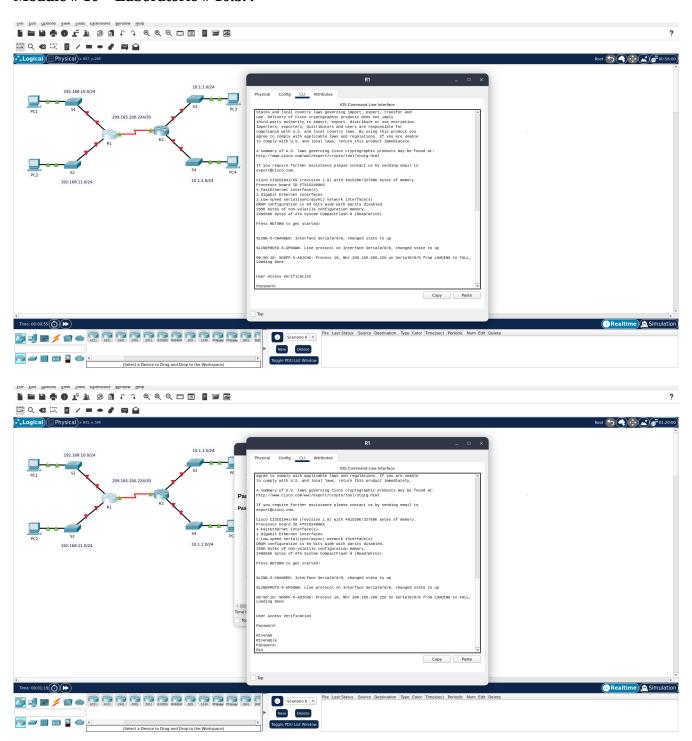
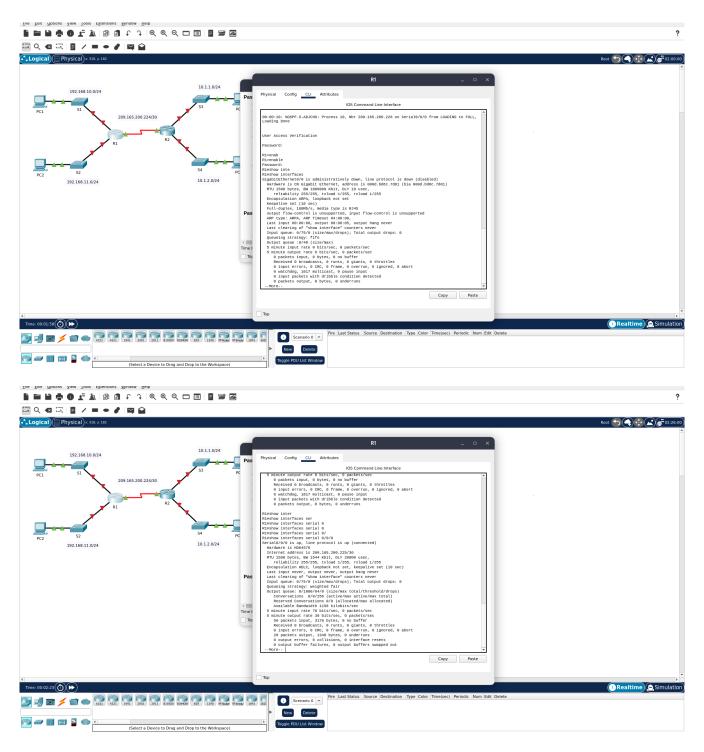
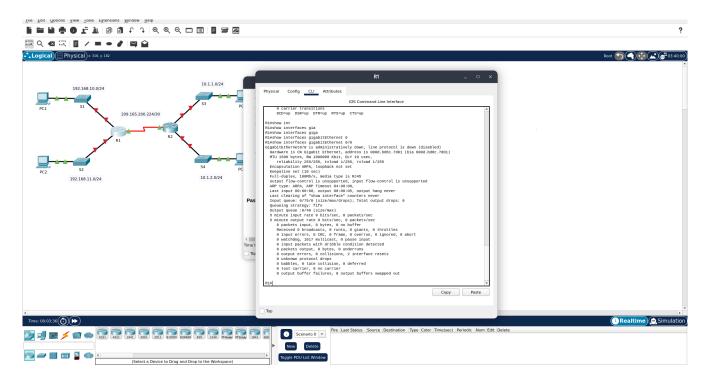
## Modulo # 10 - Laboratorio # 10.3.4





- 1) What is the IP address configured on R1? 209.165.200.225/30
- 2) What is the bandwidth on the Serial 0/0/0 interface? 1544 kbits



## What is the IP address on R1? There is no IP address configured on the GigabitEthernet 0/0 interface.

- 1. What is the MAC address of the GigabitEthernet 0/0 interface? 000d.bd6c.7d01
- 2. What is the bandwidth on the GigabitEthernet 0/0 interface? 1000000 kbits

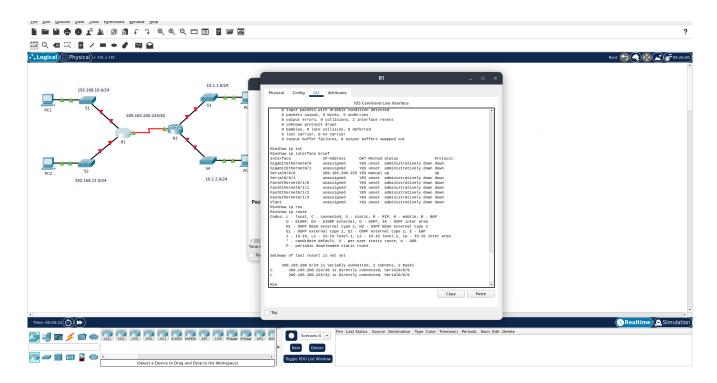


- b. Enter the command on each router and answer the following questions:
- 1) How many serial interfaces are there on R1 and R2?

## Each router has 2 serial interfaces

- 2) How many Ethernet interfaces are there on R1 and R2? R1 has 6 Ethernet interfaces and R2 has 2 Ethernet interfaces.
- 3) Are all the Ethernet interfaces on R1 the same? If no, explain the difference(s).

No, they are not. There are two Gigabit Ethernet interfaces and 4 Fast Ethernet interfaces. Gigabit Ethernet interfaces support speeds of up to 1,000,000,000 bits per second and Fast Ethernet interfaces support speeds of up to 1,000,000 bits per second.



- b. Enter the command on R1 and answer the following questions:
- 1) How many connected routes are there (uses the C code)? 1
- 2) Which route is listed? 209.165.200.224/30
- 3) How does a router handle a packet destined for a network that is not listed in the routing table?

A router will only send packets to a network listed in the routing table. If a network is not listed, the packet will be dropped.

