



Enrutamiento dinámico

MARTA GONZÁLEZ ARNAIZ

1º ASIR

PLANIFICACIÓN Y ADMINISTRACIÓN DE REDES

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7. DADO EL SIGUIENTE DIAGRAMA DE RED

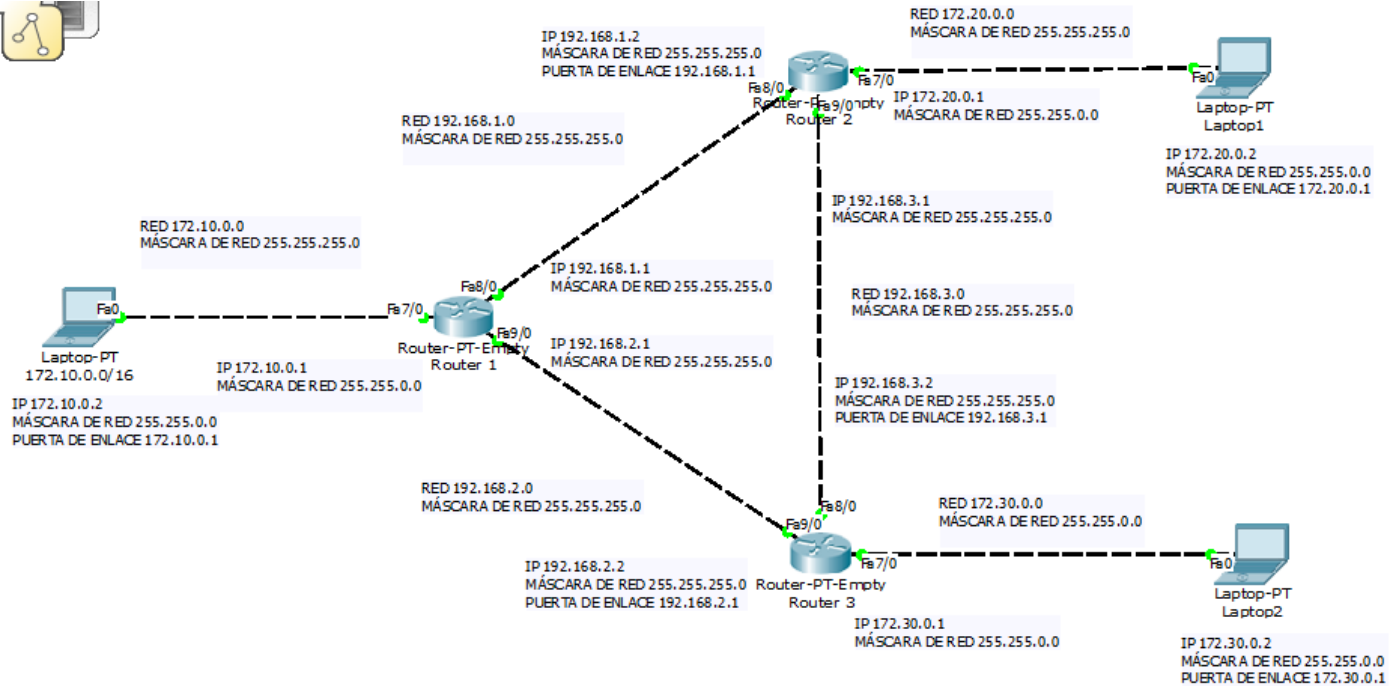


ILUSTRACIÓN 1 ESQUEMA DE RED

A) CONFIGURA LOS RUTEROS PARA QUE UTILICEN ENRUTAMIENTO DINÁMICO CON RIPV1.

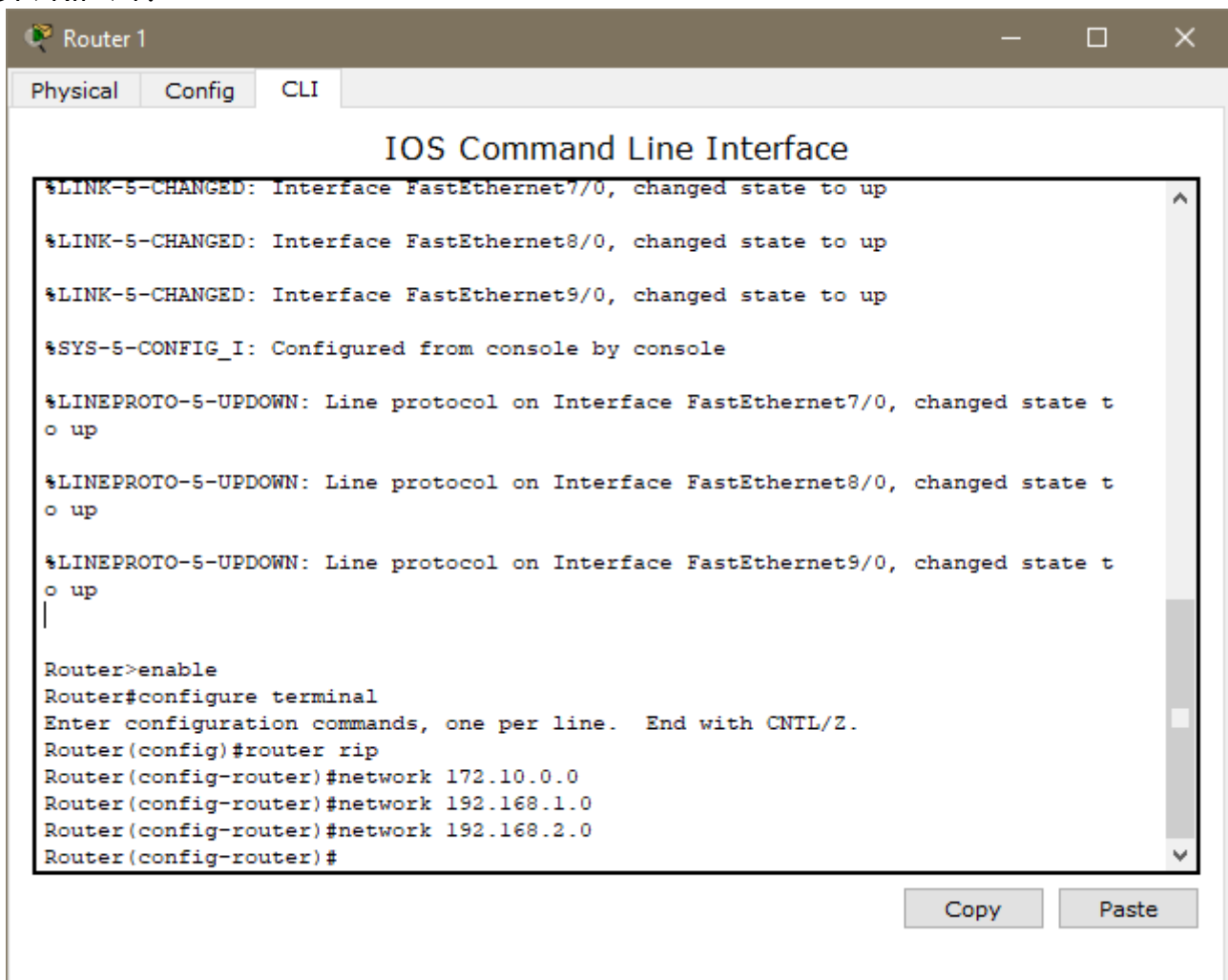


ILUSTRACIÓN 2 ROUTER 1

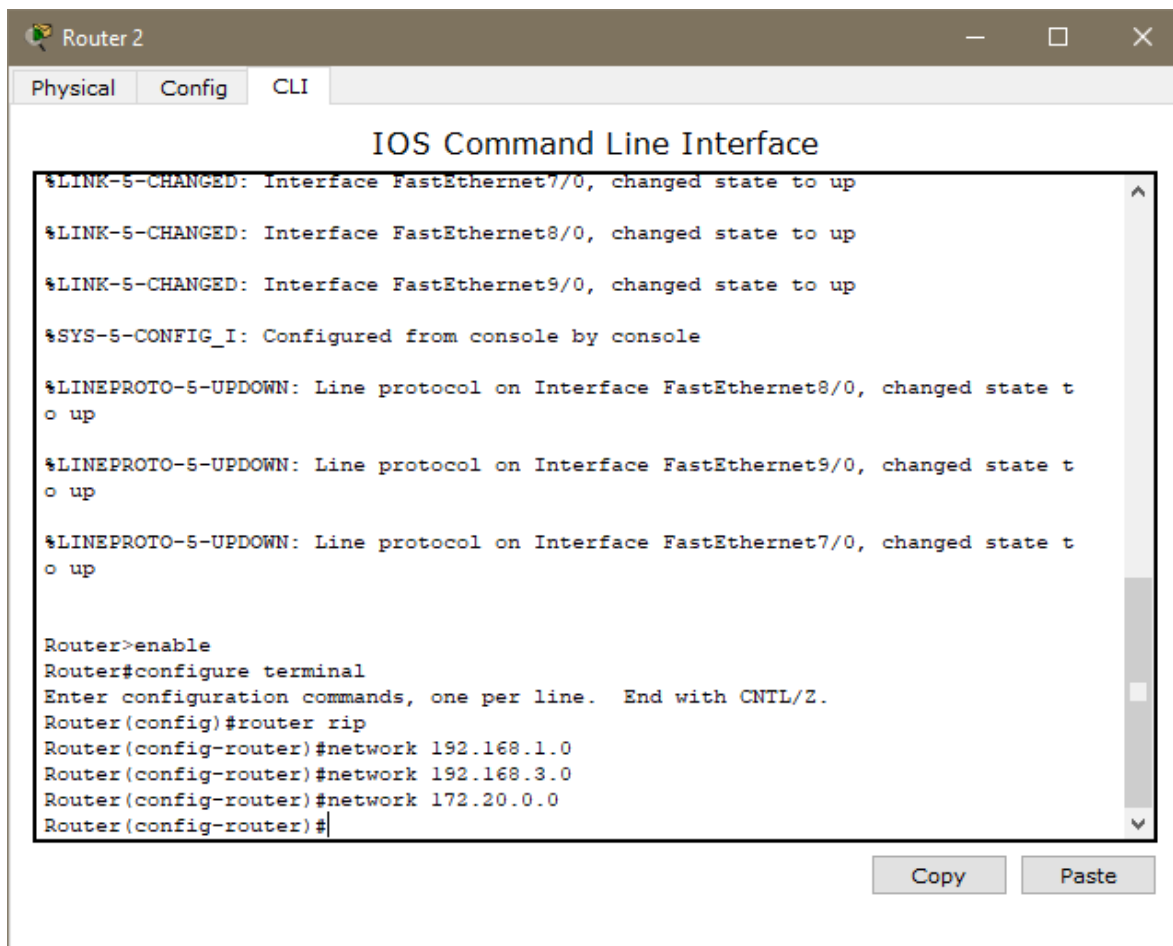


ILUSTRACIÓN 3 ROUTER 2

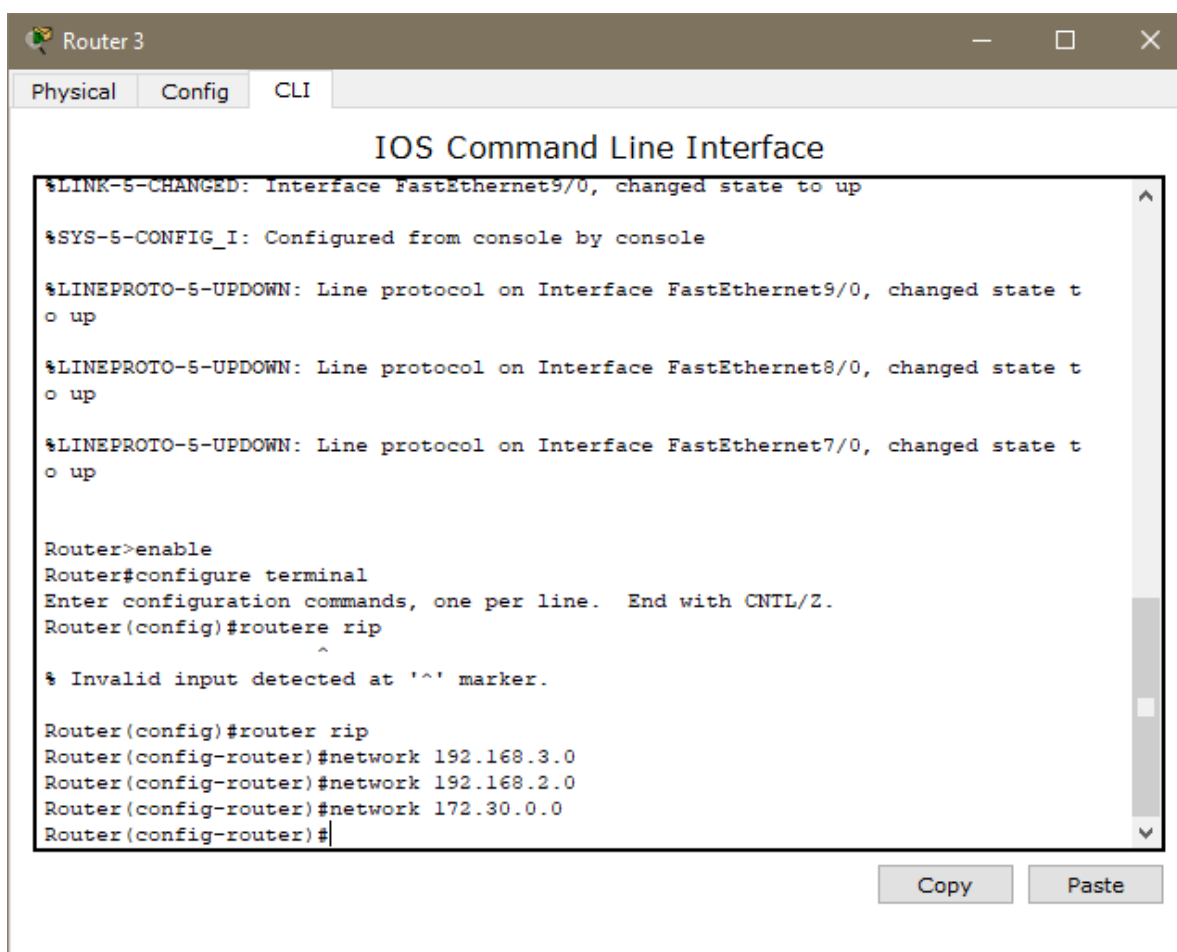
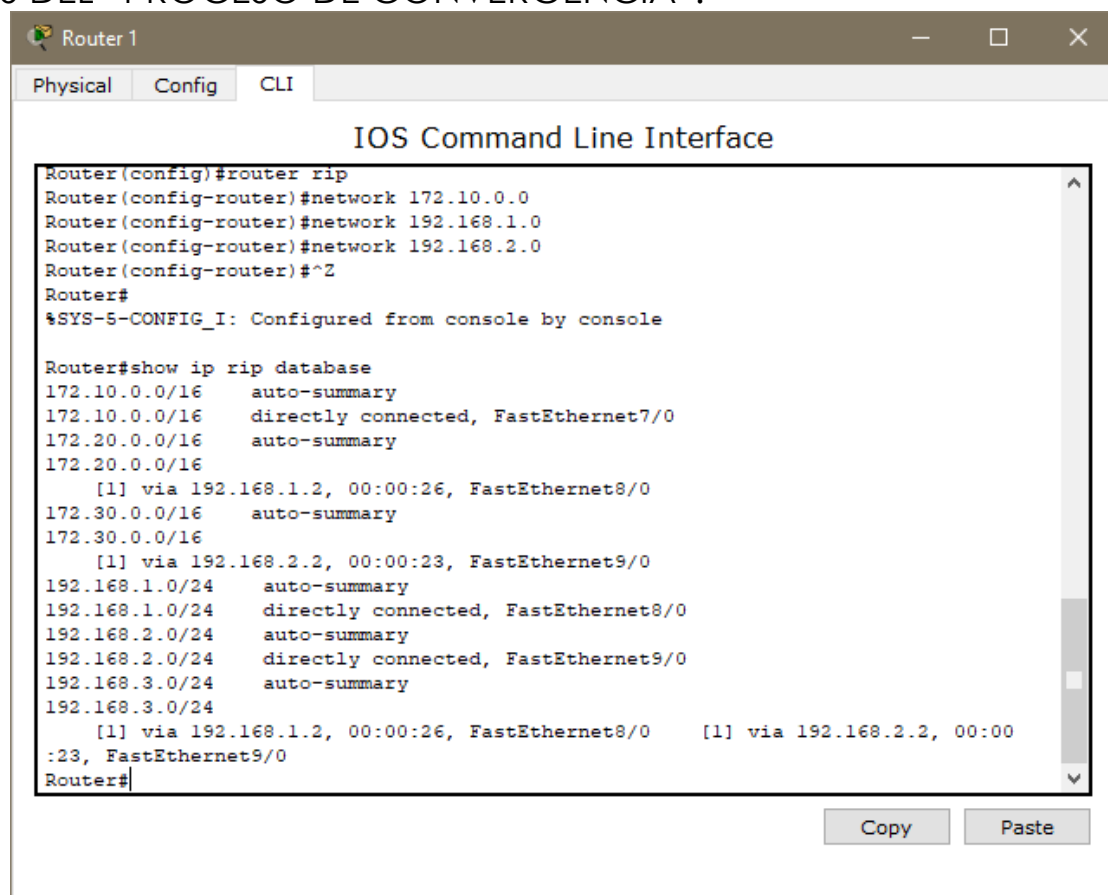


ILUSTRACIÓN 4 ROUTER 3

B) INDICA EL CONTENIDO DE LAS TABLAS DE RUTAS DE TODOS LOS ROUTERS DESPUÉS DEL “PROCESO DE CONVERGENCIA”.



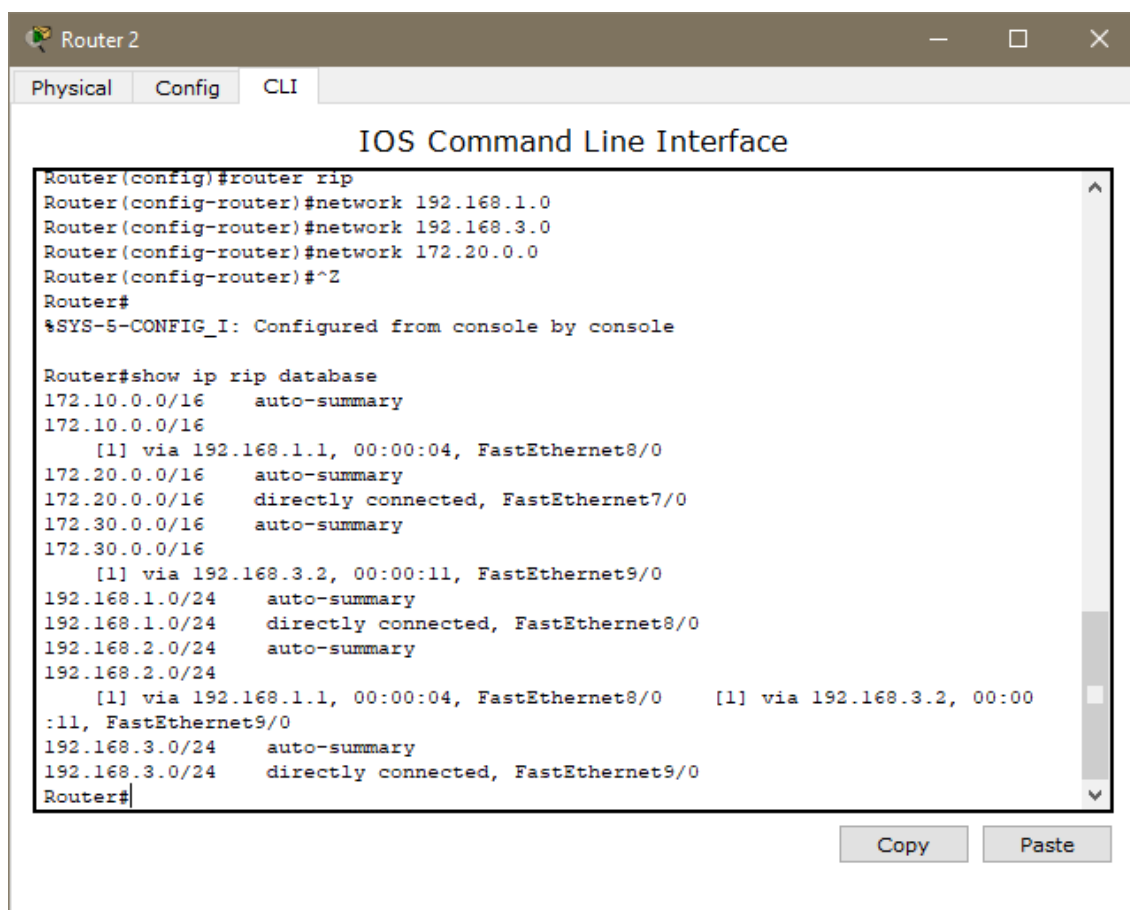
The screenshot shows the CLI of Router 1. The tabs at the top are Physical, Config, and CLI. The title bar says "Router 1". The main window is titled "IOS Command Line Interface". The command history shows the following commands and output:

```
Router(config)#router rip
Router(config-router)#network 172.10.0.0
Router(config-router)#network 192.168.1.0
Router(config-router)#network 192.168.2.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip rip database
172.10.0.0/16    auto-summary
172.10.0.0/16    directly connected, FastEthernet7/0
172.20.0.0/16    auto-summary
172.20.0.0/16
    [1] via 192.168.1.2, 00:00:26, FastEthernet8/0
172.30.0.0/16    auto-summary
172.30.0.0/16
    [1] via 192.168.2.2, 00:00:23, FastEthernet9/0
192.168.1.0/24    auto-summary
192.168.1.0/24    directly connected, FastEthernet8/0
192.168.2.0/24    auto-summary
192.168.2.0/24    directly connected, FastEthernet9/0
192.168.3.0/24    auto-summary
192.168.3.0/24
    [1] via 192.168.1.2, 00:00:26, FastEthernet8/0    [1] via 192.168.2.2, 00:00:23, FastEthernet9/0
Router#
```

At the bottom right, there are "Copy" and "Paste" buttons.

ILUSTRACIÓN 5 ROUTER 1



The screenshot shows the CLI of Router 2. The tabs at the top are Physical, Config, and CLI. The title bar says "Router 2". The main window is titled "IOS Command Line Interface". The command history shows the following commands and output:

```
Router(config)#router rip
Router(config-router)#network 192.168.1.0
Router(config-router)#network 192.168.3.0
Router(config-router)#network 172.20.0.0
Router(config-router)#^Z
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#show ip rip database
172.10.0.0/16    auto-summary
172.10.0.0/16
    [1] via 192.168.1.1, 00:00:04, FastEthernet8/0
172.20.0.0/16    auto-summary
172.20.0.0/16    directly connected, FastEthernet7/0
172.30.0.0/16    auto-summary
172.30.0.0/16
    [1] via 192.168.3.2, 00:00:11, FastEthernet9/0
192.168.1.0/24    auto-summary
192.168.1.0/24    directly connected, FastEthernet8/0
192.168.2.0/24    auto-summary
192.168.2.0/24
    [1] via 192.168.1.1, 00:00:04, FastEthernet8/0    [1] via 192.168.3.2, 00:00:11, FastEthernet9/0
192.168.3.0/24    auto-summary
192.168.3.0/24    directly connected, FastEthernet9/0
Router#
```

At the bottom right, there are "Copy" and "Paste" buttons.

ILUSTRACIÓN 6 ROUTER 2

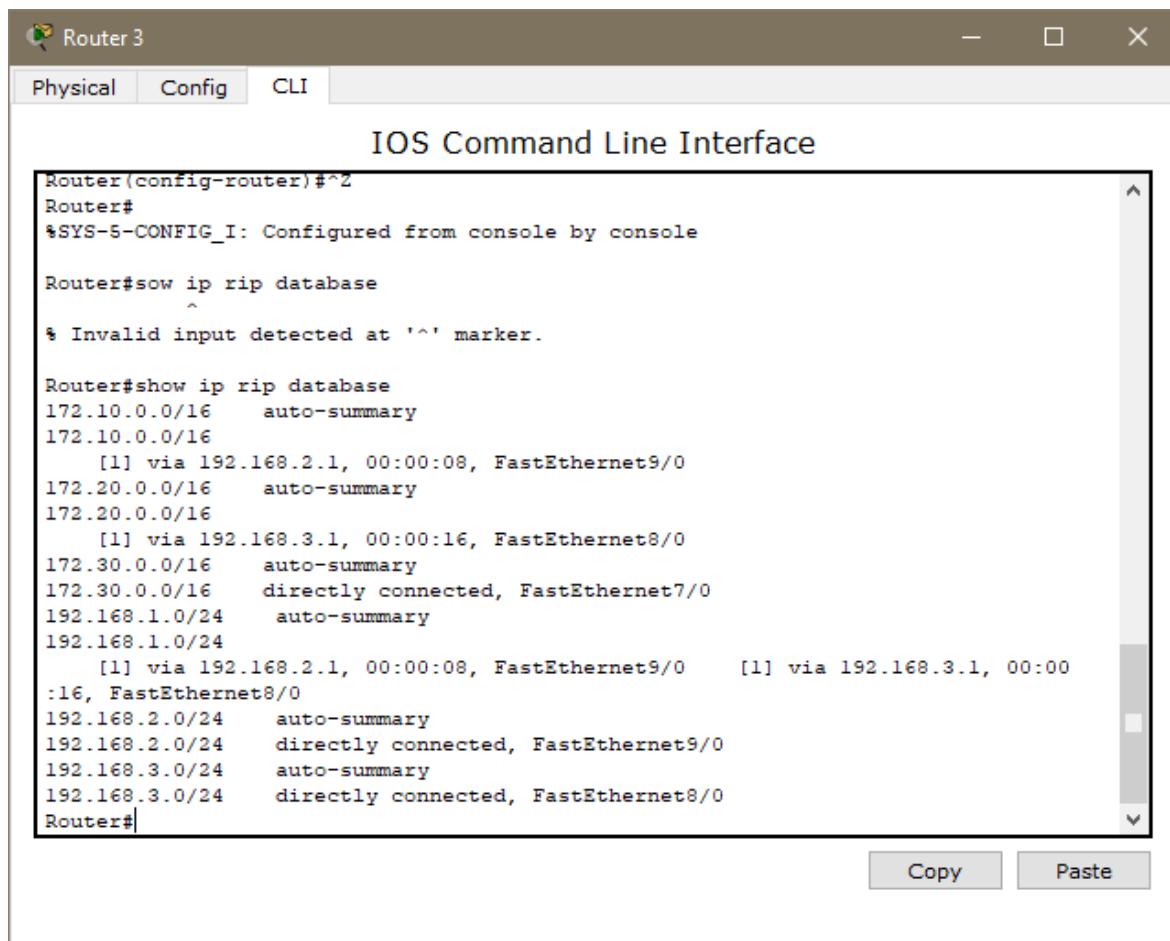


ILUSTRACIÓN 7 ROUTER 3