ACTIVIDAD 2.2.13.POINT TO POINT SINGLE ÁREA OSPFV2 CONFIGURATION

Memoria Técnica

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7 A IELC

CONTENIDO

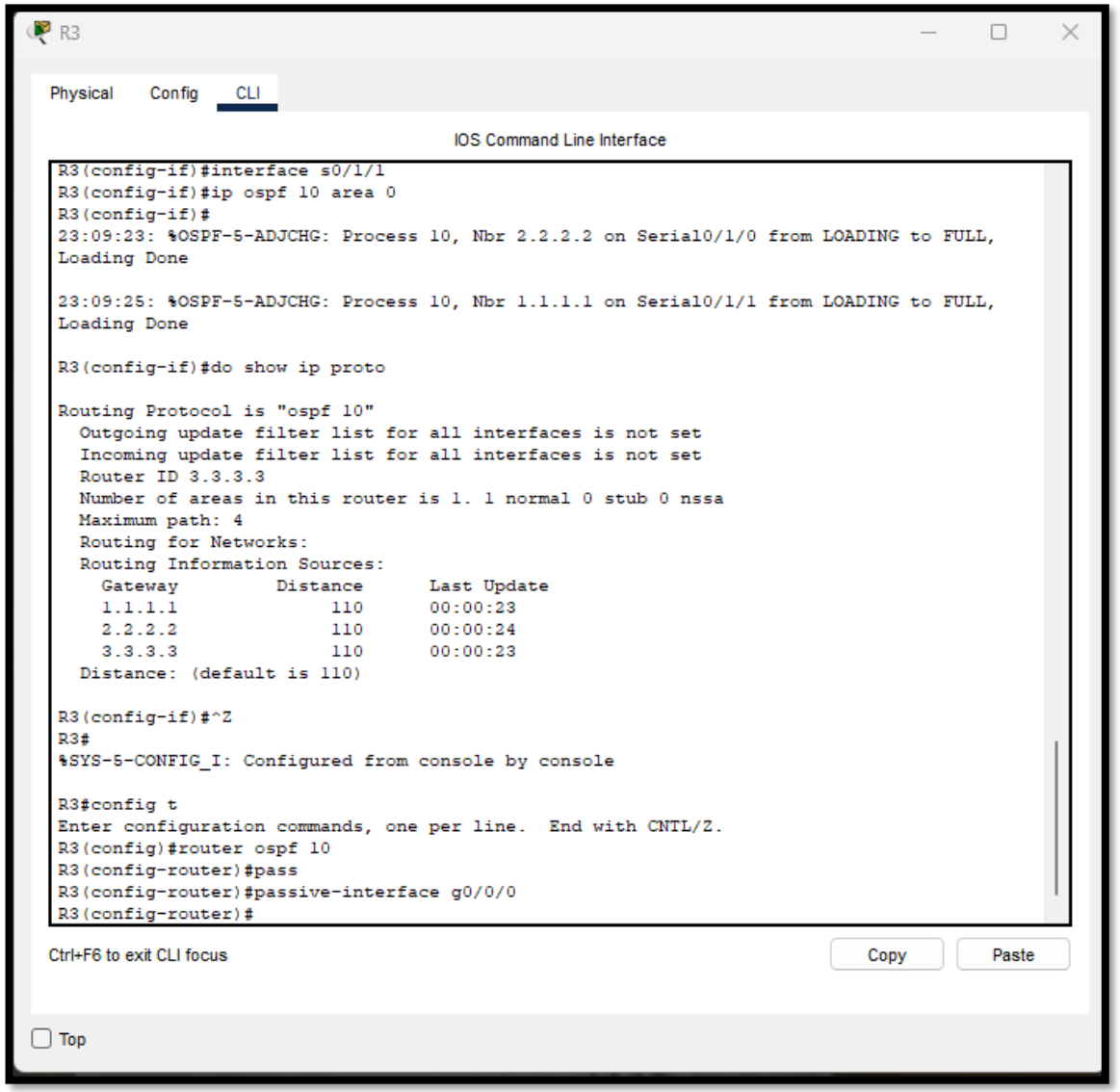
1. ANTECEDENTES

- **1.1. Objetivos**
- Part 1: Configurar ID de router.
- Parte 2: Configurar redes para el enrutamiento OSPF.
- Parte 3: Configure las Interfaces Pasivas.
- Parte 4: Verifique la configuración OSPF.
- **1.2. Alcance**
- En esta actividad, activará el enrutamiento OSPF mediante instrucciones de red y máscaras comodín, configurará el enrutamiento OSPF en interfaces y utilizará máscaras cuádruple cero de instrucciones de red. Además, configurará identificadores de router explícitos e interfaces pasivas.

2. DESCRIPCIÓN TÉCNICA DE LA SOLUCIÓN

Parte 1: Configurar ID del router.

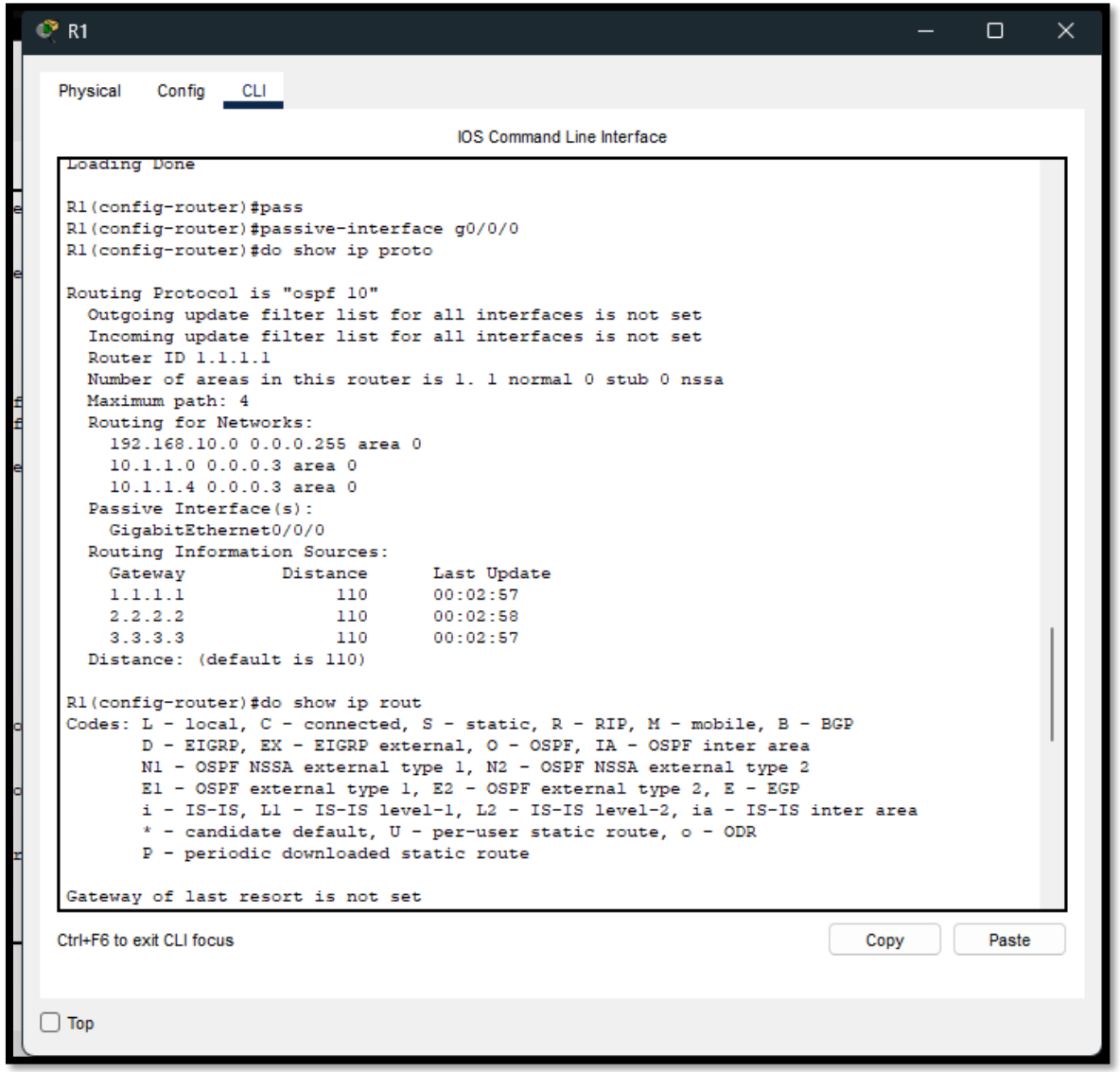
PASO 1: CONFIGURAR ID DEL ROUTER.



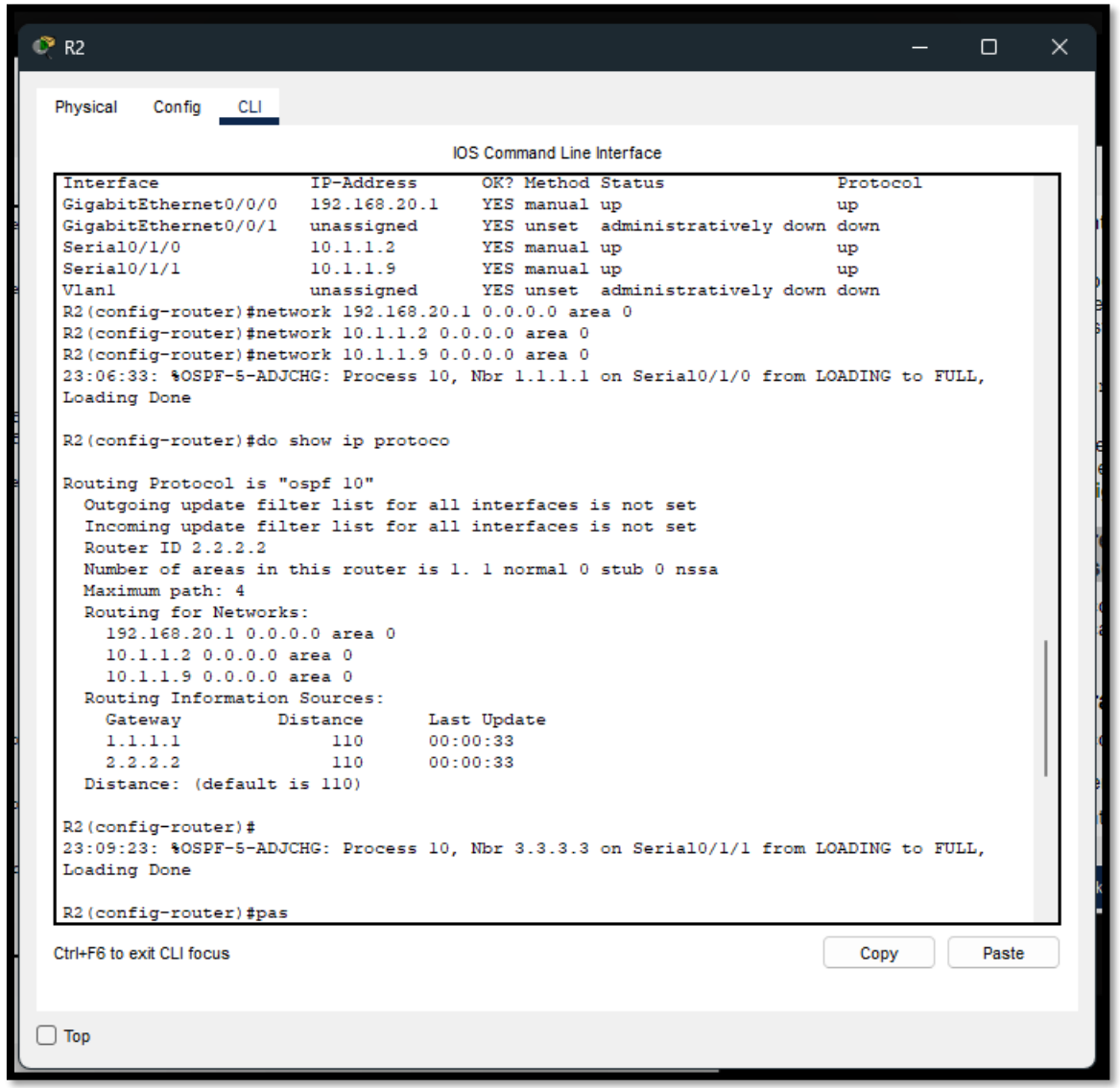
2. DESCRIPCIÓN TÉCNICA DE LA SOLUCIÓN

Parte 2: Configurar redes para enrutamiento OSPF

PASO 1: CONFIGURAR REDES PARA ENRUTAMIENTO OSPF MEDIANTE COMANDOS DE RED Y MÁSCARAS COMODÍN.



PASO 2: CONFIGURE LAS REDES PARA EL ENRUTAMIENTO OSPF MEDIANTE DIRECCIONES IP DE INTERFAZ Y MÁSCARAS CUÁDRUPLE CERO.



PASO 3: CONFIGURAR EL ENRUTAMIENTO OSPF EN LAS INTERFACES DEL ROUTER

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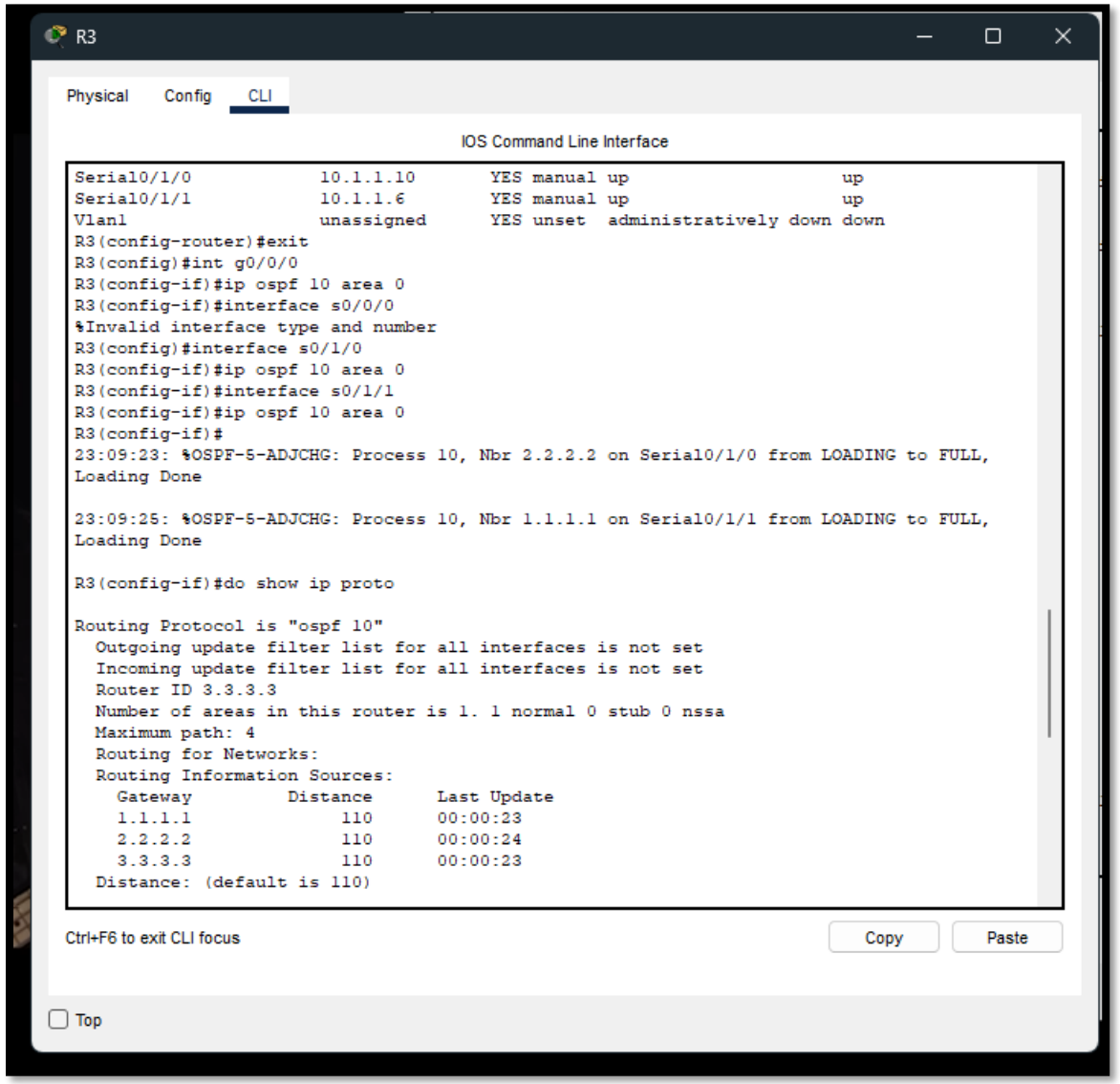
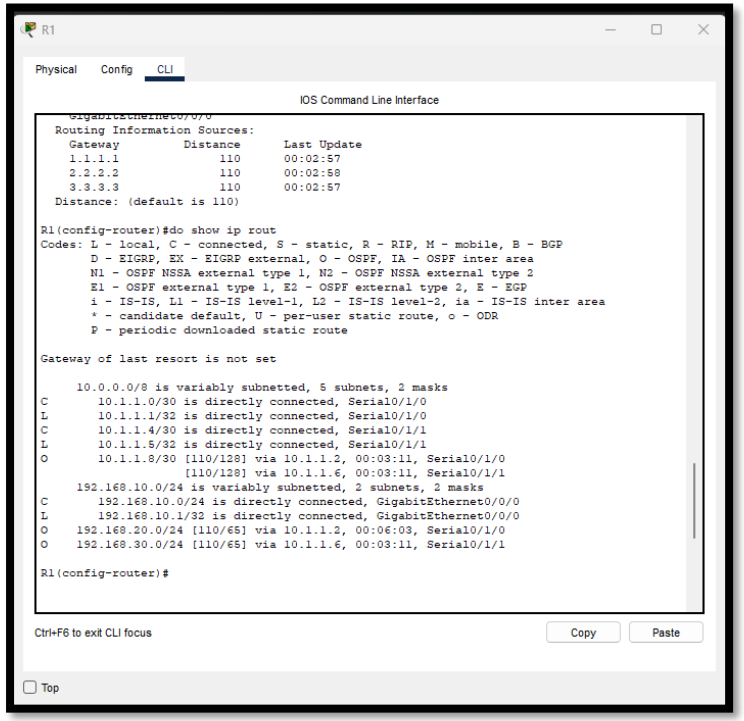
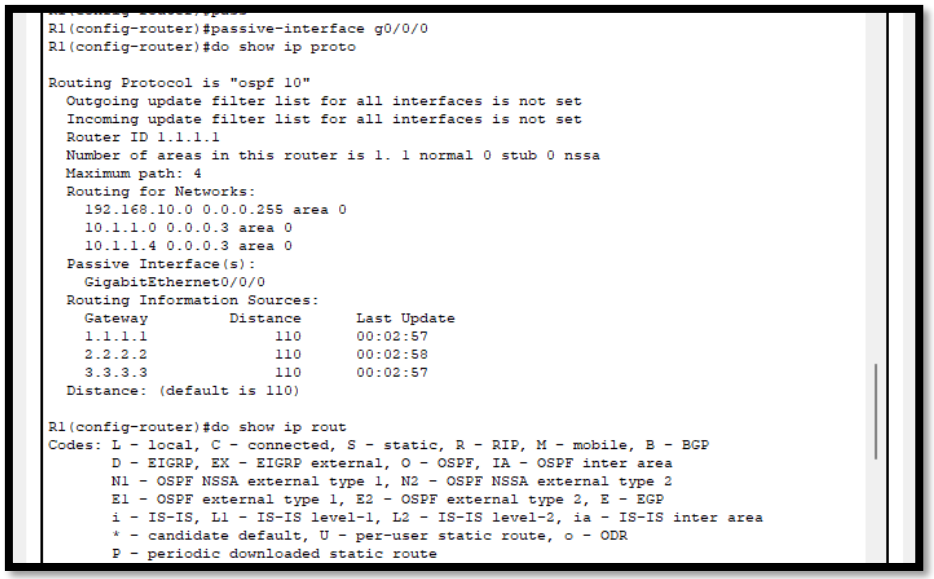


2. DESCRIPCIÓN TÉCNICA DE LA SOLUCIÓN

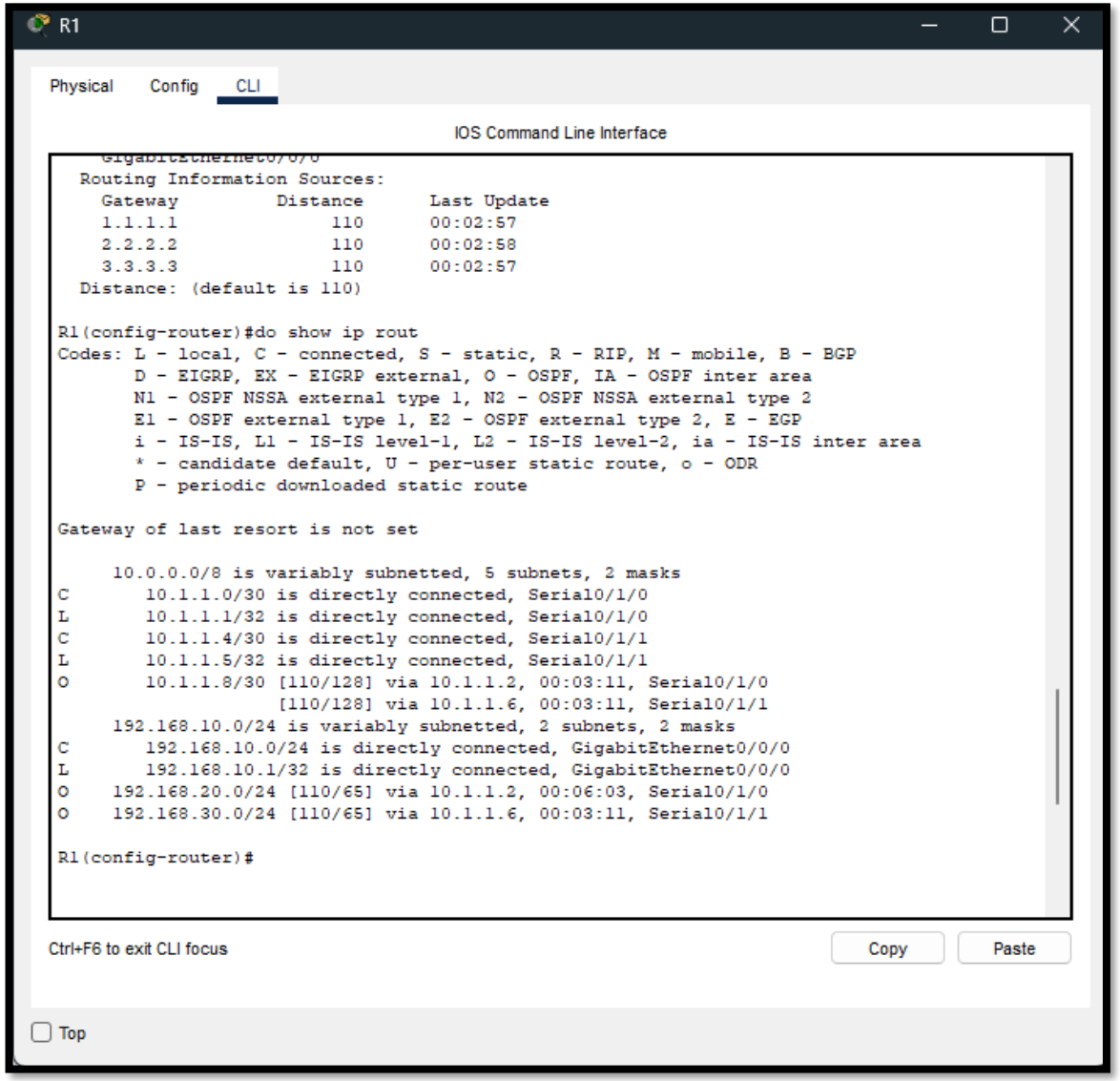
Parte 3: configure las interfaces Pasivas



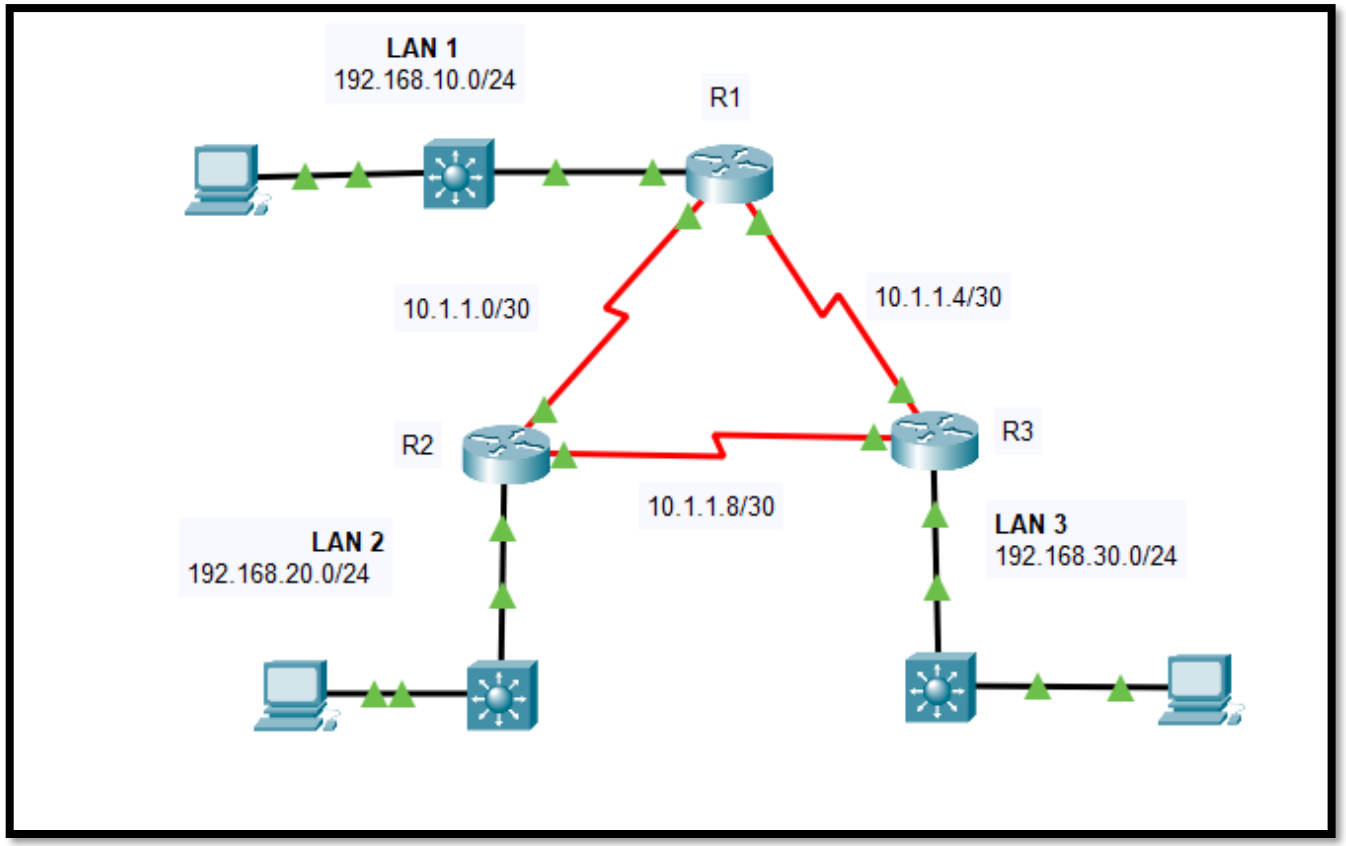


PASO 1: CONFIGURE LAS INTERFACES PASIVAS

VERIFICAR LA CONFIGURACIÓN DE OSPF

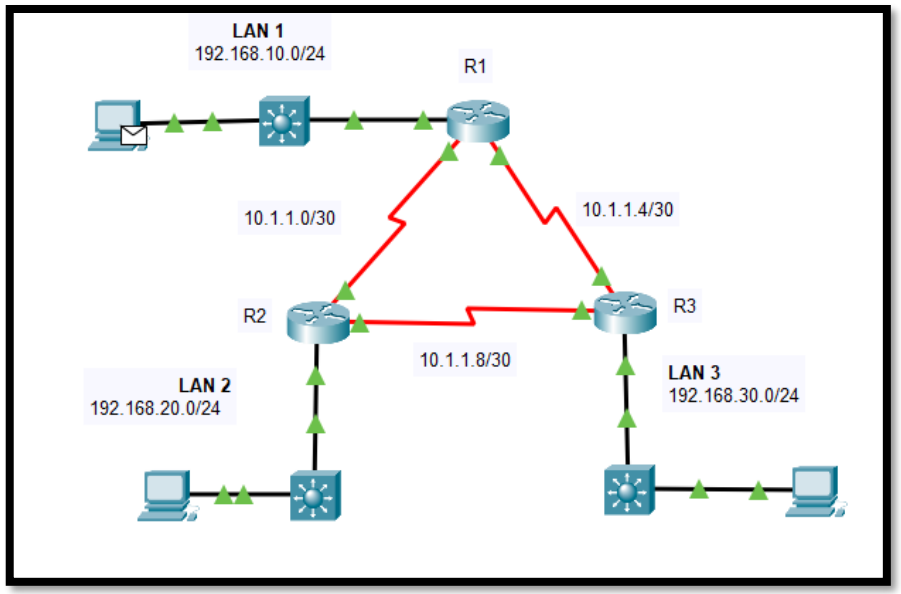


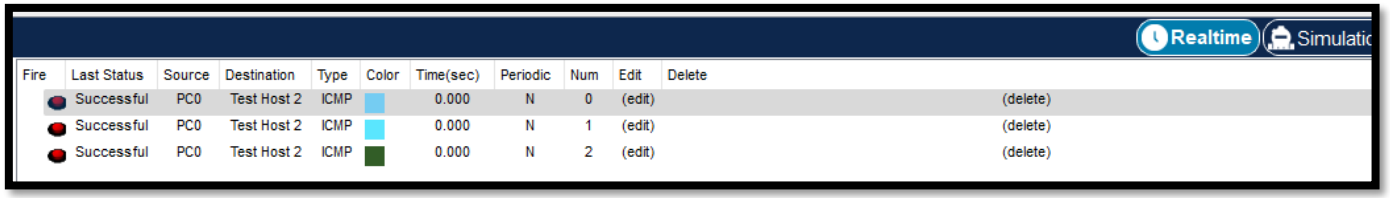
3.ESQUEMA GENERAL



4.SCRIPT CTC

Dispositivo	Interfaz	Dirección IP	Máscara de subred
R1	G0/0/0	192.168.10.1	/24
	S0/1/0	10.1.1.1	/30
	/1/1	10.1.1.5	/30
R2	G0/0/0	192.168.20.1	/24
	S0/1/0	10.1.1.2	/30
	/1/1	10.1.1.9	/30
R3	G0/0/0	192.168.30.1	/24
	S0/1/0	10.1.1.10	/30
	/1/1	10.1.1.6	/30
PC1	NIC	192.168.10.10	/24
PC2	NIC	192.168.20.10	/24
PC3	NIC	192.168.30.10	/24


LAN 1
192.168.10.0/24
R1
10.1.1.0/30
10.1.1.4/30
R2
R3
10.1.1.8/30
LAN 2
192.168.20.0/24
LAN 3
192.168.30.0/24


Realtime
Simulatic
Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete
Successful PC0 Test Host 2 ICMP 0.000 N 0 (edit) (delete)
Successful PC0 Test Host 2 ICMP 0.000 N 1 (edit) (delete)
Successful PC0 Test Host 2 ICMP 0.000 N 2 (edit) (delete)

5. PRUEBAS