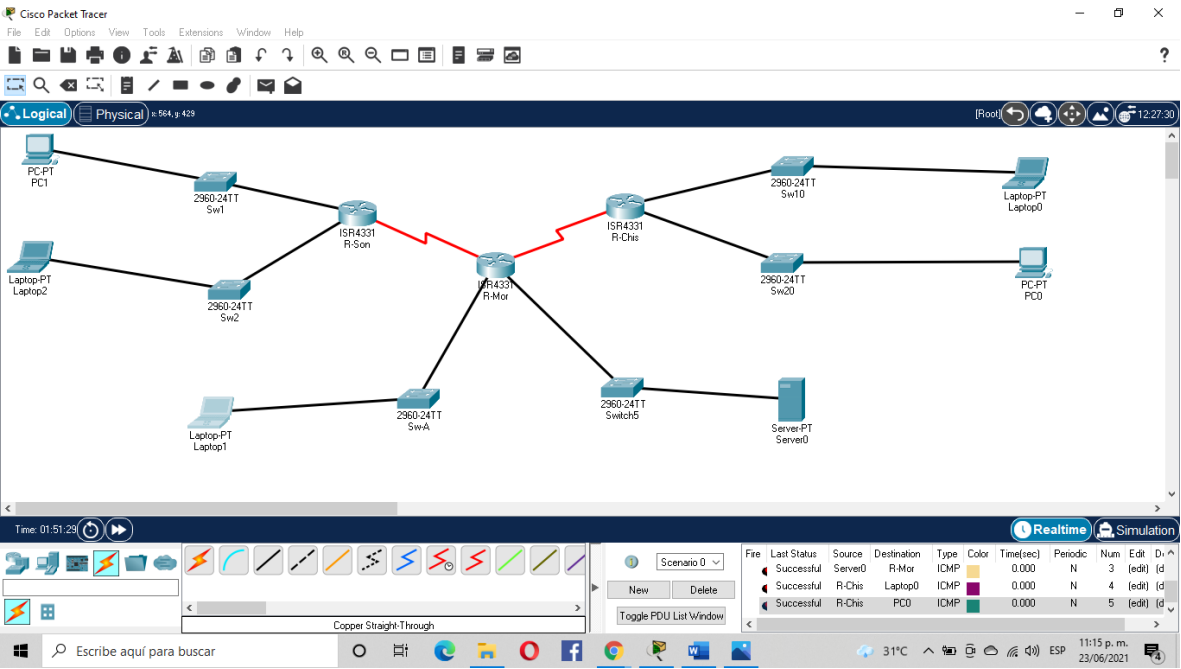


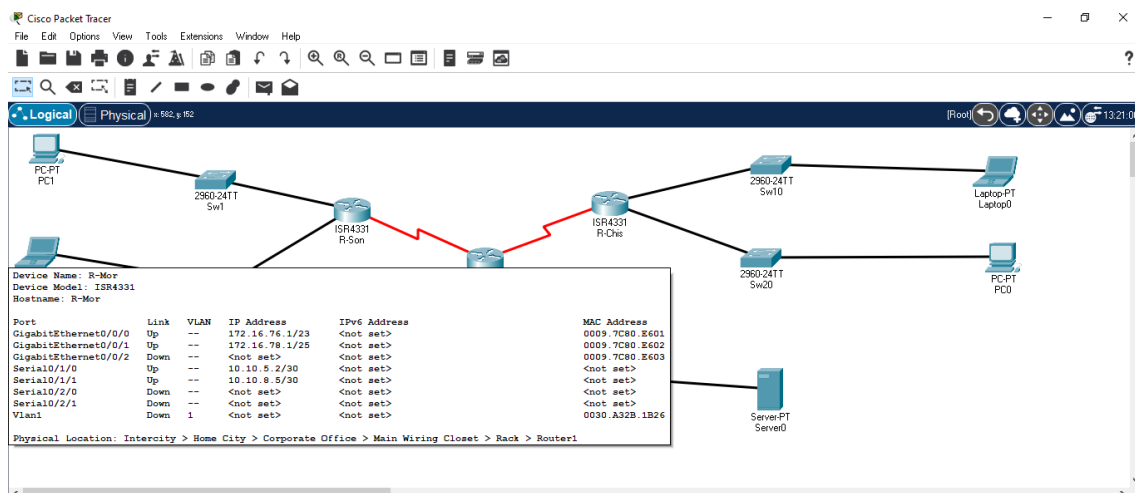
CHECKLIST

LISTA DE CONTROL DEL ESTADO DE LAS TAREAS				
Tarea	✓	⚠	✗	Observaciones
Esquema VLSM	✓	⚠	✗	Implementacion de direccionamiento exitoso
Tablas de Enrutamiento	✓	⚠	✗	
1a IP de cada red como Gateway.	✓	⚠	✗	
2da IP a Switches.	✓	⚠	✗	R - Mor R - Chis R - Son
3a IP a PC's.	✓	⚠	✗	Sin observaciones
Routers Modelo 4331.	✓	⚠	✗	Rendimiento
Switches Modelo 2960.	✓	⚠	✗	Sin Observaciones
Configuración Básica	✓	⚠	✗	Facilidad
Enrutamiento OSPFv2	✓	⚠	✗	Escalabilidad
Configuración ACL's	✓	⚠	✗	PING's realizados
Rendimiento. en toda la red.	✓	⚠	✗	Escalabilidad
Facilidad de administración.	✓	⚠	✗	

TOPOLOGÍA



DIRECCIONAMIENTO R-MOR



```

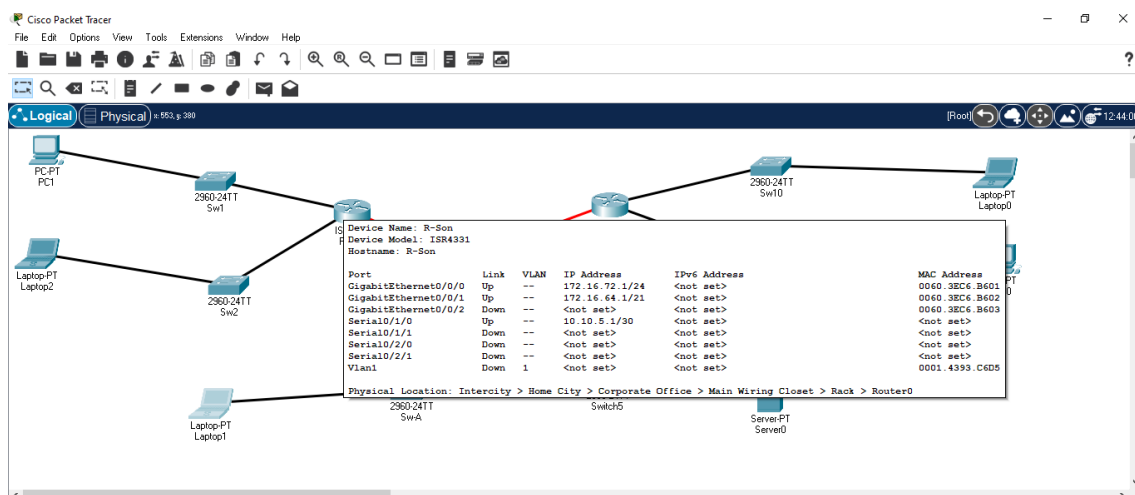
Device Name: R-Mor
Device Model: ISR4331
Hostname: R-Mor

Port          Link    VLAN    IP Address      IPv6 Address      MAC Address
GigabitEthernet0/0/0    Up      --      172.16.76.1/23  <not set>         0009.7C80.E601
GigabitEthernet0/0/1    Up      --      172.16.78.1/25  <not set>         0009.7C80.E602
GigabitEthernet0/0/2    Down    --      <not set>        <not set>         0009.7C80.E603
Serial0/1/0             Up      --      10.10.5.2/30    <not set>         <not set>
Serial0/1/1             Up      --      10.10.8.5/30    <not set>         <not set>
Serial0/2/0             Down    --      <not set>        <not set>         <not set>
Serial0/2/1             Down    --      <not set>        <not set>         <not set>
Vlan1                 Down    1        <not set>        <not set>         0030.A32B.1B26

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router1

```

DIRECCIONAMIENTO R-Son



```

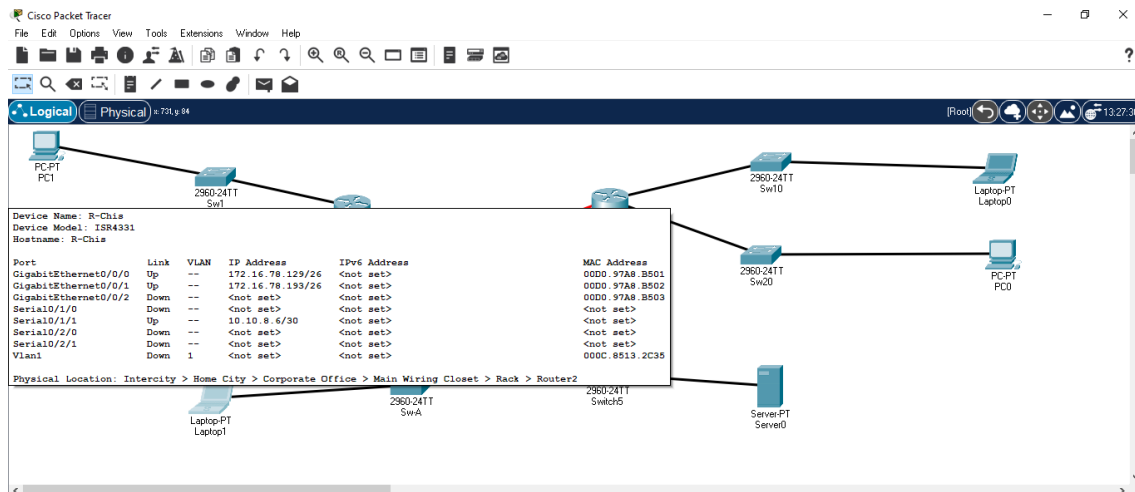
Device Name: R-Son
Device Model: ISR4331
Hostname: R-Son

Port          Link    VLAN    IP Address      IPv6 Address      MAC Address
GigabitEthernet0/0/0    Up      --      172.16.72.1/24  <not set>         0060.3EC6.B601
GigabitEthernet0/0/1    Up      --      172.16.64.1/21  <not set>         0060.3EC6.B602
GigabitEthernet0/0/2    Down    --      <not set>       <not set>         0060.3EC6.B603
Serial0/1/0             Up      --      10.10.5.1/30    <not set>         <not set>
Serial0/1/1             Down    --      <not set>       <not set>         <not set>
Serial0/2/0             Down    --      <not set>       <not set>         <not set>
Serial0/2/1             Down    --      <not set>       <not set>         <not set>
Vlan1                Down    1        <not set>       <not set>         0001.4393.C6D5

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router0

```

DIRECCIONAMIENTO R-CHIS



Device Name: R-Chis					
Device Model: ISR4331					
Hostname: R-Chis					
Port	Link	VLAN	IP Address	IPv6 Address	MAC Address
GigabitEthernet0/0/0	Up	--	172.16.78.129/26	<not set>	00D0.97A8.B501
GigabitEthernet0/0/1	Up	--	172.16.78.193/26	<not set>	00D0.97A8.B502
GigabitEthernet0/0/2	Down	--	<not set>	<not set>	00D0.97A8.B503
Serial0/1/0	Down	--	<not set>	<not set>	<not set>
Serial0/1/1	Up	--	10.10.8.6/30	<not set>	<not set>
Serial0/2/0	Down	--	<not set>	<not set>	<not set>
Serial0/2/1	Down	--	<not set>	<not set>	<not set>
Vlan1	Down	1	<not set>	<not set>	000C.8513.2C35
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router2					

PRUEBAS DE CONECTIVIDAD

PING ENTRE PC1 → LAPTOP2

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.72.1

Pinging 172.16.72.1 with 32 bytes of data:

Reply from 172.16.72.1: bytes=32 time<1ms TTL=255
Reply from 172.16.72.1: bytes=32 time=4ms TTL=255
Reply from 172.16.72.1: bytes=32 time<1ms TTL=255
Reply from 172.16.72.1: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.72.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>
```

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.64.1

Pinging 172.16.64.1 with 32 bytes of data:

Reply from 172.16.64.1: bytes=32 time<1ms TTL=255
Reply from 172.16.64.1: bytes=32 time<1ms TTL=255
Reply from 172.16.64.1: bytes=32 time<1ms TTL=255
Reply from 172.16.64.1: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.64.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PING ENTRE LAPTOP0 → PC0

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.78.129

Pinging 172.16.78.129 with 32 bytes of data:

Reply from 172.16.78.129: bytes=32 time<1ms TTL=255
Reply from 172.16.78.129: bytes=32 time<1ms TTL=255
Reply from 172.16.78.129: bytes=32 time<1ms TTL=255
Reply from 172.16.78.129: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.78.129:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.78.193

Pinging 172.16.78.193 with 32 bytes of data:

Reply from 172.16.78.193: bytes=32 time<1ms TTL=255
Reply from 172.16.78.193: bytes=32 time<1ms TTL=255
Reply from 172.16.78.193: bytes=32 time<1ms TTL=255
Reply from 172.16.78.193: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.78.193:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PING ENTRE LAPTOP1 → SERVER

```
Packet Tracer PC Command Line 1.0
C:\>ping 172.16.76.1

Pinging 172.16.76.1 with 32 bytes of data:

Reply from 172.16.76.1: bytes=32 time<1ms TTL=255
Reply from 172.16.76.1: bytes=32 time<1ms TTL=255
Reply from 172.16.76.1: bytes=32 time<1ms TTL=255
Reply from 172.16.76.1: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.76.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

```
Packet Tracer SERVER Command Line 1.0
C:\>ping 172.16.78.1

Pinging 172.16.78.1 with 32 bytes of data:

Reply from 172.16.78.1: bytes=32 time<1ms TTL=255
Reply from 172.16.78.1: bytes=32 time=1ms TTL=255
Reply from 172.16.78.1: bytes=32 time=1ms TTL=255
Reply from 172.16.78.1: bytes=32 time<1ms TTL=255

Ping statistics for 172.16.78.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>|
```