Seminario de Solución de Redes de Computadoras y Protocolos de Comunicación

Capa de Red

Subdivisión de redes 3 (Clase B)

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Subdivición de Redes 3 (clase C)
A partir de dirección 192.168.10.0

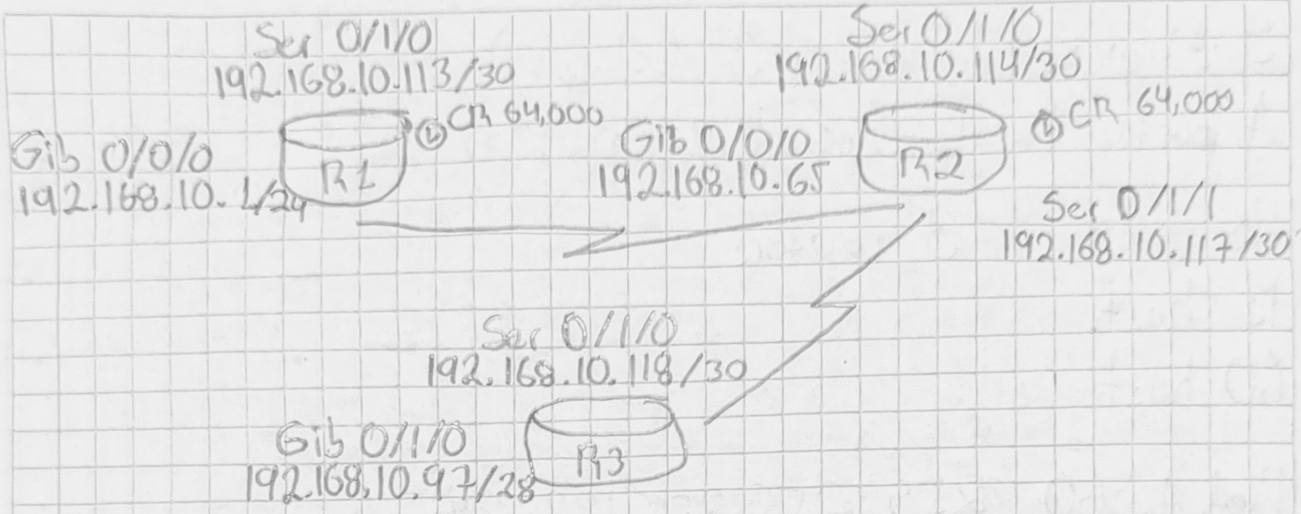
25 host 3 routers
13 host
60 host

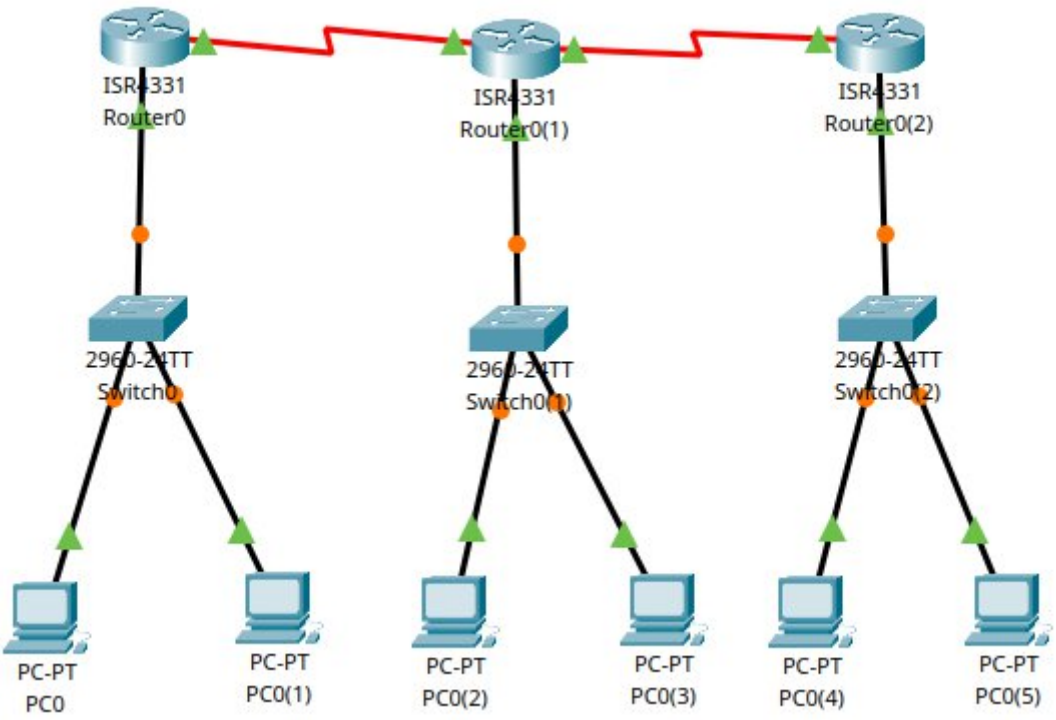
Red 1. 60 255.255.255.192 /26
192.168.10.0 ← Red 1
192.168.10.64 ← Red 2
192.168.10.128
192.168.10.192

Red 2. 25 255.255.255.224 /27
192.168.10.64 ← Red 2
192.168.10.96 ← Red 3

Red 3. 13 255.255.255.240/28
192.168.10.96 ← Red 3
192.168.10.112 ← Routers

Routers. 255.255.255.252
192.168.10.112 ← Router 1
192.168.10.116 ← Router 2


Ser 0/1/0
192.168.10.113/30
CR 64,000
Gib 0/0/0
192.168.10.1/24
R1
Gib 0/0/0
192.168.10.65
Ser 0/1/0
192.168.10.114/30
CR 64,000
R2
Ser 0/1/1
192.168.10.117/30
Ser 0/1/0
192.168.10.118/30
Gib 0/1/0
192.168.10.97/28
R3




```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.66

Pinging 192.168.10.66 with 32 bytes of data:

Request timed out.
Reply from 192.168.10.66: bytes=32 time=10ms TTL=126
Reply from 192.168.10.66: bytes=32 time=10ms TTL=126
Reply from 192.168.10.66: bytes=32 time=7ms TTL=126

Ping statistics for 192.168.10.66:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 7ms, Maximum = 10ms, Average = 9ms

C:\>ping 192.168.10.98

Pinging 192.168.10.98 with 32 bytes of data:

Request timed out.
Reply from 192.168.10.98: bytes=32 time=23ms TTL=125
Reply from 192.168.10.98: bytes=32 time=18ms TTL=125
Reply from 192.168.10.98: bytes=32 time=16ms TTL=125

Ping statistics for 192.168.10.98:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 16ms, Maximum = 23ms, Average = 19ms

C:\>
```