Redes de Computadoras y Protocolos de Comunicación

Internet

Segundo Escenario, 3 routers (Clase C)

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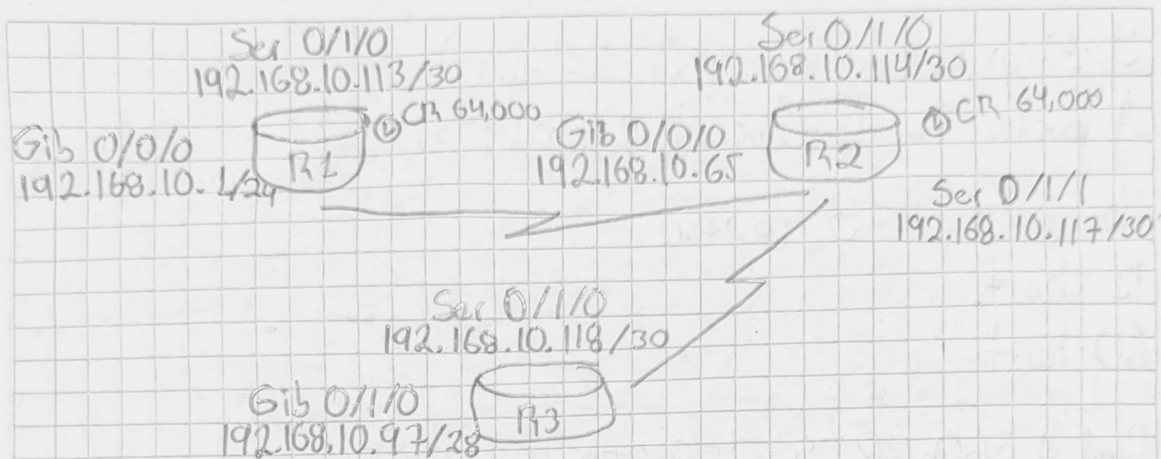
Red 3. 13   255.255.255.240 /28
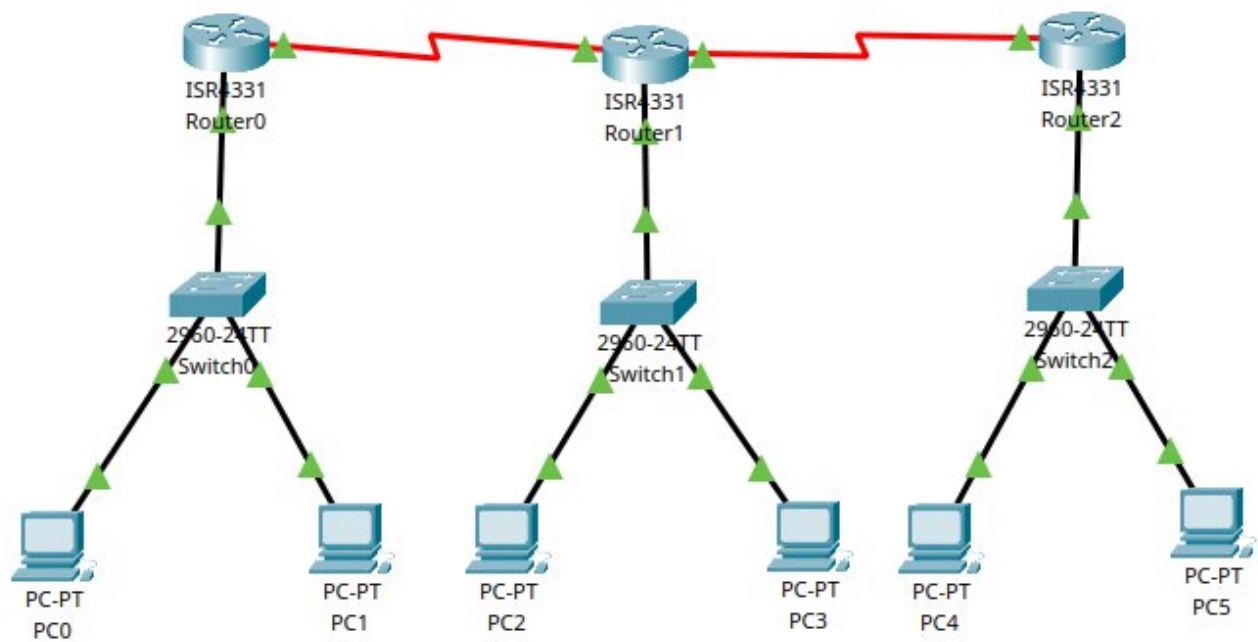192.168.10.96 ← Red 3
192.168.10.112 ← Routers

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

Ser 0/1/0
192.168.10.114/30

Gib 0/0/0
192.168.10.1/24

CR 64,000
R1

Gib 0/0/0
192.168.10.65

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 190.15.64.2

Pinging 190.15.64.2 with 32 bytes of data:

Request timed out.
Reply from 190.15.64.2: bytes=32 time=7ms TTL=126
Reply from 190.15.64.2: bytes=32 time=10ms TTL=126
Reply from 190.15.64.2: bytes=32 time=11ms TTL=126

Ping statistics for 190.15.64.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 7ms, Maximum = 11ms, Average = 9ms

C:\>ping 190.15.96.2

Pinging 190.15.96.2 with 32 bytes of data:

Request timed out.
Reply from 190.15.96.2: bytes=32 time=21ms TTL=125
Reply from 190.15.96.2: bytes=32 time=16ms TTL=125
Reply from 190.15.96.2: bytes=32 time=10ms TTL=125

Ping statistics for 190.15.96.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 21ms, Average = 15ms

C:\>