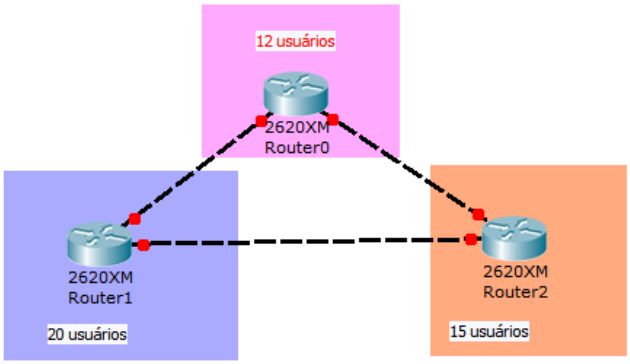
CORREÇÃO DA QUESTÃO 2.1 DO EXERCÍCIO QUE FOI ENTREGUE (**27/03/2023 via Moodle)**

2.1. Apresente todas os endereços IPV4 de rede e hosts (IP dos dispositivos finais) para atender os requisitos da topologia proposta no exercício.



Subrede 1:

192.168.10.64 = 11000000101010000000101001000000
255.255.255.192 (/26) = 11111111.11111111.11111111.11000000

Hosts	Host bits	Subnet prefix	Subnet mask
20	5	192.168.10.64 /27	255.255.255.224

2^5 – 2 > = 20 hosts →
2^1 = 2 subredes de 30 hosts

192.168.10.64 /27 ->
192.168.10.65 - 192.168.10.94
192.168.10.95 → Broadcast

192.168.10.65 – 192.168.10.85 – 20 hosts

192.168.10.96 /27

192.168.10.97 - 192.168.10.126
Broadcast: 192.168.10.127

192.168.10.97 – 192.168.10.112 – 15 hosts

Subrede 2:

192.168.10.128/26

11000000101010000000101010000000
11111111.11111111.11111111.11000000

Requisito: 12 hosts

Hosts	Host bits	Subnet prefix	Subnet mask
12	4	192.168.10.128 /28	255.255.255.240

2^4-2 = 16 – 2 = 14 hosts

2^2 = 4 subredes

192.168.10.129 - 192.168.10.142
Broadcast: 192.168.10.143

-Rede entre o Router0 e o Router1

192.168.10.144/28 192.168.10.145 - 192.168.10.158 192.168.10.159

-Rede entre o Router0 e o Router2

192.168.10.160 192.168.10.161 - 192.168.10.174 192.168.10.175

-Rede entre o Router1 e o Router2

192.168.10.176 192.168.10.177 - 192.168.10.190 192.168.10.191

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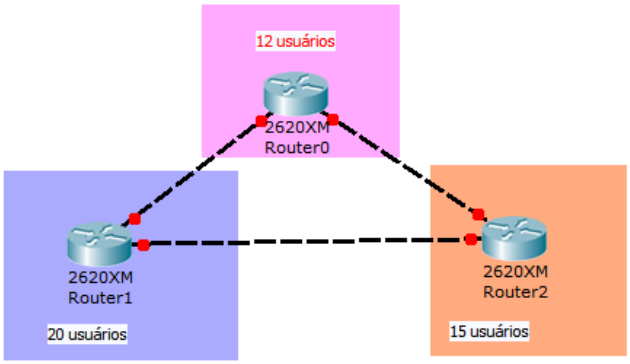

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