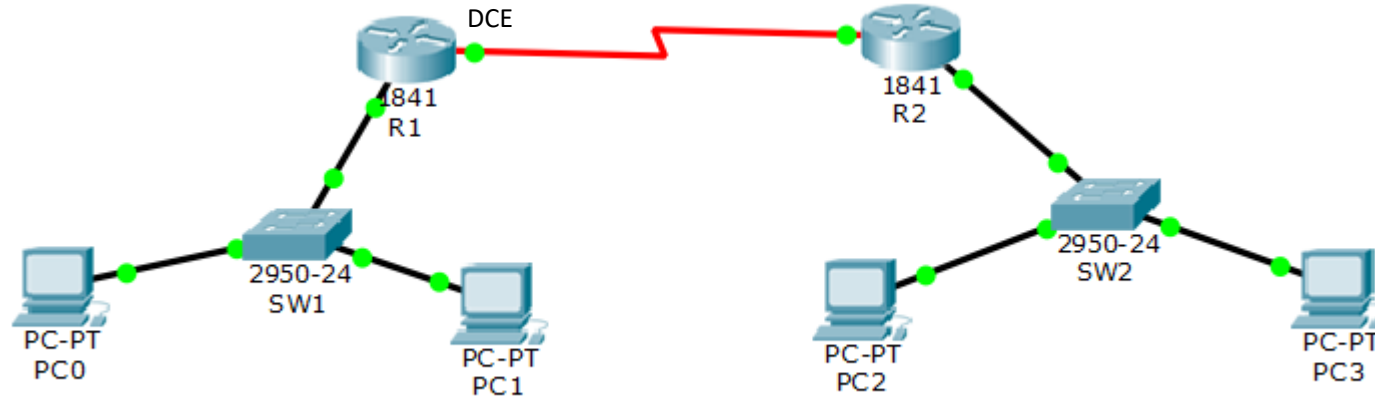


LABORATORIO 7: RETO DE DISEÑO Y CONSTRUCCIÓN DE REDES



NOTAS:

- Cada PC pertenece a una VLAN, tienen la primera dirección de host en cada una de ella.
- Los enrutadores (R1 y R2) poseen la última dirección de host en cada VLAN.

SW1#
SW1#show vlan

VLAN	Name	Status	Ports
1	default	active	Fa0/21, Fa0/22, Fa0/23
100	Comercial	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10
101	Operaciones	active	Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20

SW2#show vlan

VLAN	Name	Status	Ports
1	default	active	Fa0/21, Fa0/22, Fa0/23
102	RRHH	active	Fa0/1, Fa0/2, Fa0/3, Fa0/4 Fa0/5, Fa0/6, Fa0/7, Fa0/8 Fa0/9, Fa0/10
103	Sistemas	active	Fa0/11, Fa0/12, Fa0/13, Fa0/14 Fa0/15, Fa0/16, Fa0/17, Fa0/18 Fa0/19, Fa0/20

R1#
R1#

```

172.31.0.0/16 is variably subnetted, 5 subnets, 4 masks
C    172.31.0.0/21 is directly connected, FastEthernet0/0.100
C    172.31.8.0/21 is directly connected, FastEthernet0/0.101
S    172.31.16.0/23 [1/0] via 172.31.19.254
S    172.31.18.0/25 [1/0] via 172.31.19.254
C    172.31.19.252/30 is directly connected, Serial0/1/0
..

```

R2#

R2#show ip route

```

172.31.0.0/16 is variably subnetted, 5 subnets, 4 masks
S    172.31.0.0/21 [1/0] via 172.31.19.253
S    172.31.8.0/21 [1/0] via 172.31.19.253
C    172.31.16.0/23 is directly connected, FastEthernet0/0.102
C    172.31.18.0/25 is directly connected, FastEthernet0/0.103
C    172.31.19.252/30 is directly connected, Serial0/1/0

```

R2#