Examen Practico - Unidad 1
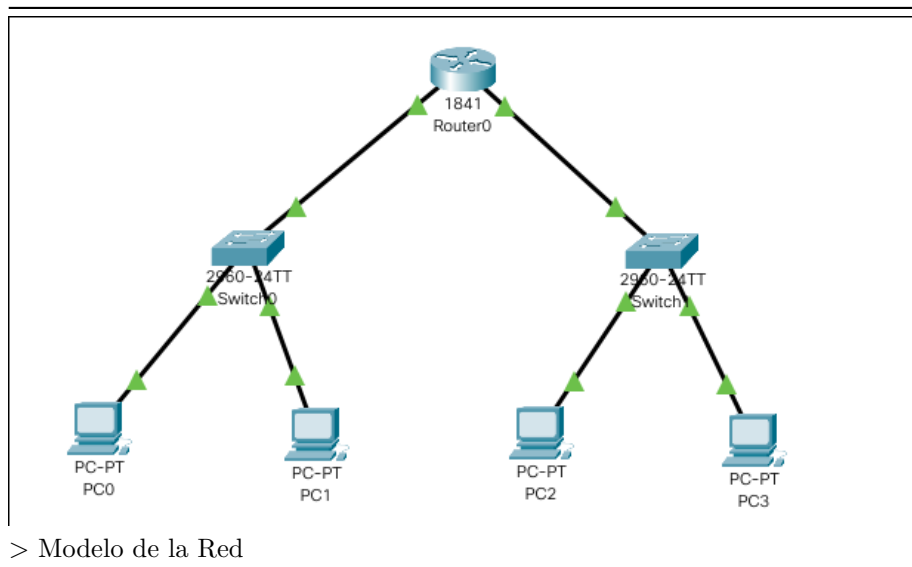

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UNT

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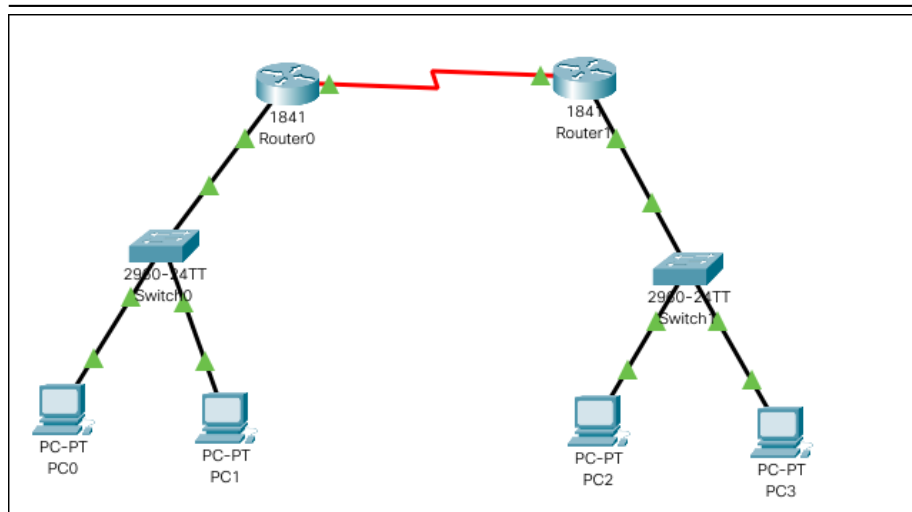
Problema 1

> Modelo de la Red

- **Gateway** : 172.16.0.1
  - **PC0** : 172.16.0.2
  - **PC1** : 172.16.0.3
- **Gateway** : 10.0.0.1
  - **PC2** : 10.0.0.2
  - **PC3** : 10.0.0.3

Router 1

```
interface FastEthernet0/0

ip address 172.16.0.1 255.255.0.0

ip address 172.16.0.1 255.255.0.0

no shutdown

exit
```

```
interface FastEthernet0/0

exit

interface FastEthernet0/1

ip address 10.0.0.1 255.0.0.0

ip address 10.0.0.1 255.0.0.0

no shutdown
```

Problema 2

> Modelo de la Red

- **Gateway** : 192.168.0.1
    - **PC0** : 192.168.0.2
    - **PC1** : 192.168.0.3
- **Gateway** : 192.168.1.1
    - **PC2** : 192.168.1.2
    - **PC3** : 192.168.1.3

Router 1

```
interface Serial0/1/0

ip address 10.10.10.1 255.0.0.0

no shutdown

ip address

exit
```

```
interface FastEthernet0/0

ip address 192.168.0.1 255.255.255.0

no shutdown

exit
```

```
ip route 192.168.1.0 255.255.255.0 10.10.10.2
```
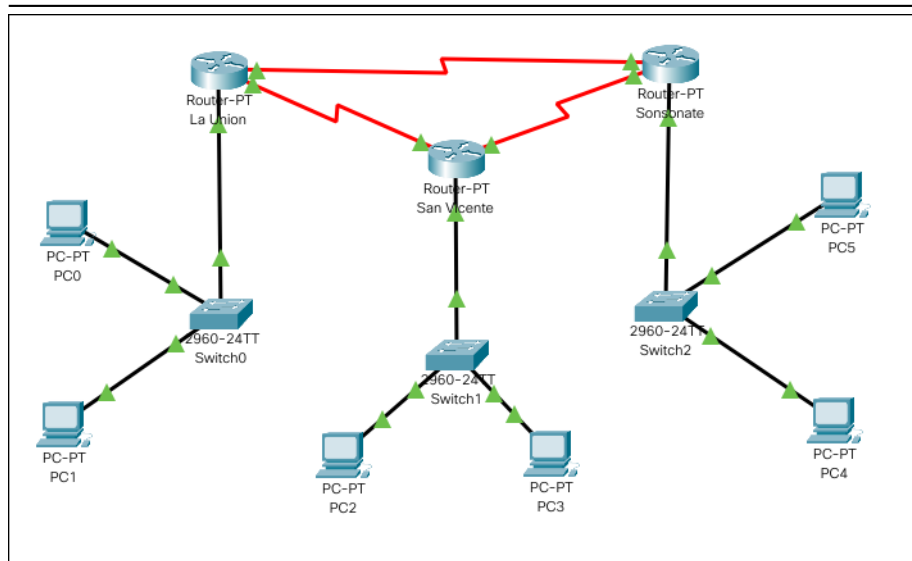
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Router 2

_____

```
interface Serial0/0/0
ip address 10.10.10.2 255.0.0.0
no shutdown
ip address
exit
```

_____

```
interface FastEthernet0/0
ip address 192.168.1.1 255.255.255.0
no shutdown
exit
```

_____

```
ip route 192.168.0.0 255.255.255.0 10.10.10.1
```

_____

Problema 3

> Modelo de la Red

- **Gateway** : 192.168.1.1
    - **PC0** : 192.168.1.2
    - **PC1** : 192.168.1.3
- **Gateway** : 172.16.1.1
    - **PC2** : 172.16.1.2
    - **PC3** : 172.16.1.3
- **Gateway** : 10.1.50.1
    - **PC4** : 10.1.50.2
    - **PC5** : 10.1.50.3

Router 1

```
interface FastEthernet0/0

ip address 192.168.1.1 255.255.255.0

no shutdown

exit
```

```
interface Serial3/0

ip address 200.33.146.1 255.255.255.0

no shutdown
```

```
exit
interface Serial2/0
ip address 200.33.145.1 255.255.255.0
no shutdown
exit
```

```
ip route 10.1.50.0 255.255.255.0 200.33.145.2
ip route 172.16.1.0 255.255.255.0 200.33.146.2
```

Router 2

```
interface FastEthernet0/0
ip address 172.16.1.1 255.255.0.0
exit
```

```
interface Serial2/0
ip address 200.33.146.2 255.255.255.0
no shutdown
exit
interface Serial3/0
ip address 200.33.147.1 255.255.255.0
no shutdown
exit
```

```
ip route 192.168.1.0 255.255.255.0 200.33.146.1
ip route 10.1.50.0 255.255.255.0 200.33.147.2
```

Router 3

```
interface FastEthernet0/0
ip address 10.1.50.1 255.0.0.0
no shutdown
exit
```

```
interface Serial2/0
ip address 200.33.147.2 255.255.255.0
no shutdown
exit
interface Serial3/0
ip address 200.33.145.2 255.255.255.0
no shutdown
exit
```

```
ip route 192.168.1.0 255.255.255.0 200.33.145.1
ip route 172.16.1.0 255.255.255.0 200.33.147.1
```