Pedro Luis González Roa
A01651517

Lab 6.3.3.7 - Configurando 802.1Q Trunk-Based Vlan

Preguntas

Parte 2, paso 1, a:
On S1, configure the VLAN and names listed in the Switch Port Assignment Specifications table. Write the commands you used in the space provided.
vlan 10
name Students
vlan 20
name Faculty

Parte 2, paso 1, b:
On S1, configure the interface connected to R1 as a trunk. Also configure the interface connected to S2 as a trunk. Write the commands you used in the space provided.
int f0/1
switchport mode trunk
int f0/5
switchport mode trunk

Parte 2, paso 1, c:
On S1, assign the access port for PC-A to VLAN 10. Write the commands you used in the space provided.
int f0/6
switchport mode access
switchport access vlan 10

Parte 2, paso 2, a:
On S2, configure the VLANs and names listed in the Switch Port Assignment Specifications table.
vlan 10
name Students
vlan 20
name Faculty

Parte 2, paso 2, c:
On S2, assign the access port for PC-B to VLAN 20.
int f0/18
switchport mode access
switchport access vlan 20

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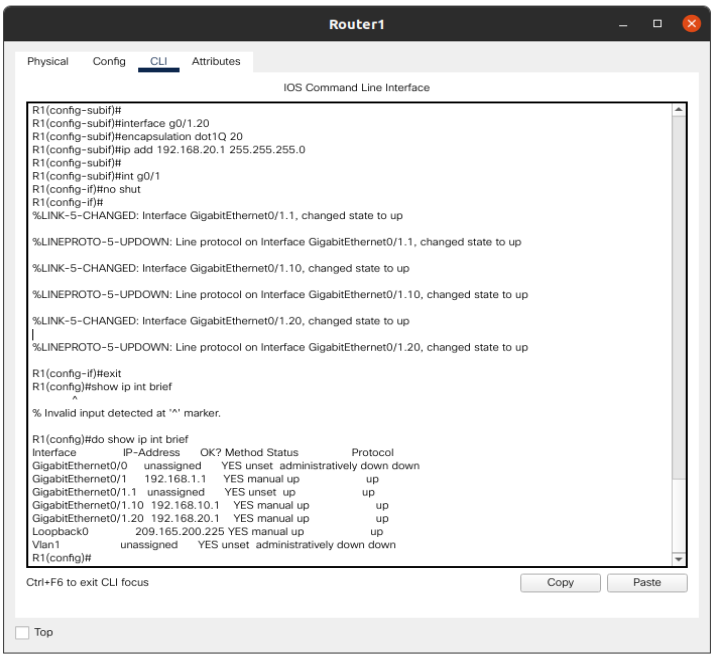
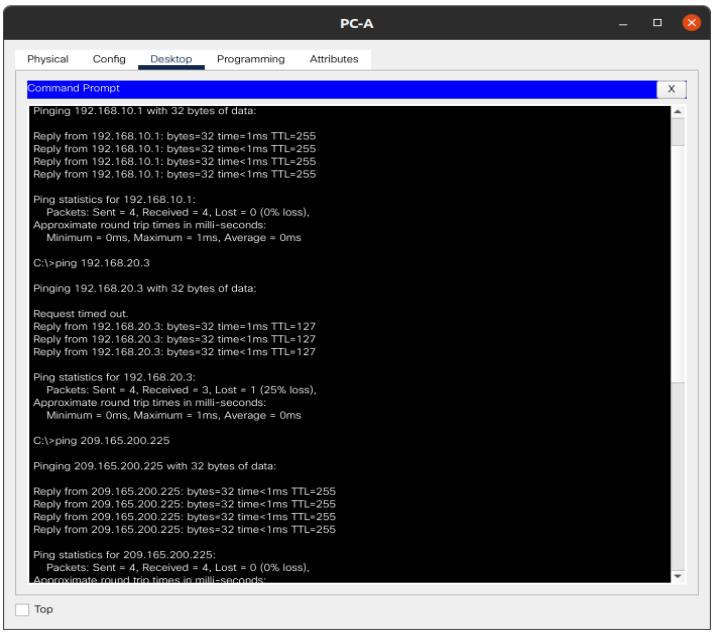
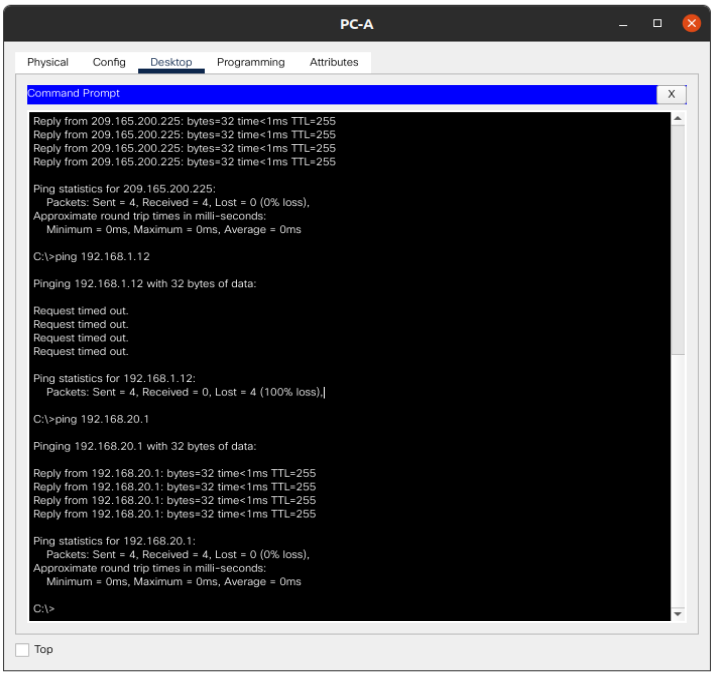
Parte 2, paso2, d:
On S2, configure the interface connected to S1 as a trunk.
int f0/1
switchport mode trunk

Screenshot







Configuraciones

R1

```
enable
config t

hostname R1
no ip domain-lookup
service password-encryption
enable secret class
banner motd #
Personal no autorizado será perseguido por la ley!#
line con 0
password cisco
login
logging synchronous
line vty 0 4
password cisco
login

int g0/1
ip add 192.168.1.1 255.255.255.0
no shut

int lo0
ip add 209.165.200.225 255.255.255.224
no shut

interface g0/1.1
encapsulation dot1Q 1
```

```
ip add 192.168.1.1 255.255.255.0

interface g0/1.10
encapsulation dot1Q 10
ip add 192.168.10.1 255.255.255.0

interface g0/1.20
encapsulation dot1Q 20
ip add 192.168.20.1 255.255.255.0

int g0/1
no shut
```

S1

```
enable
config t

hostname S1
no ip domain-lookup
service password-encryption
enable secret class
banner motd #
Personal no autorizado será perseguido por la ley!#

ip default-gateway 192.168.1.1

line con 0
password cisco
login
logging synchronous
line vty 0 15
password cisco
login

int vlan 1
ip add 192.168.1.11 255.255.255.0
no shut

int range f0/2-4
shut
int range f0/7-24
shut

vlan 10
name Students
vlan 20
name Faculty

int f0/1
switchport mode trunk
int f0/5
switchport mode trunk
int f0/6
switchport mode access
```

```
switchport access vlan 10

end
```

S2

```
enable
config t

hostname S2
no ip domain-lookup
service password-encryption
enable secret class
banner motd #
Personal no autorizado será perseguido por la ley!#

ip default-gateway 192.168.1.1

line con 0
password cisco
login
logging synchronous
line vty 0 15
password cisco
login

int vlan 1
ip add 192.168.1.12 255.255.255.0
no shut

int range f0/2-17
shut
int range f0/19-24
shut

vlan 10
name Students
vlan 20
name Faculty

int f0/1
switchport mode trunk
int f0/18
switchport mode access
switchport access vlan 20

end
```