UNIVERSIDAD LAICA "ELOY ALFARO" DE MANABÍ
EXTENSIÓN EN EL CARMEN

CARRERA DE INGENIERIA EN SISTEMAS

TAREA DE REALIDAD SOCIOECONOMICA DEL ECUADOR Y MANABI

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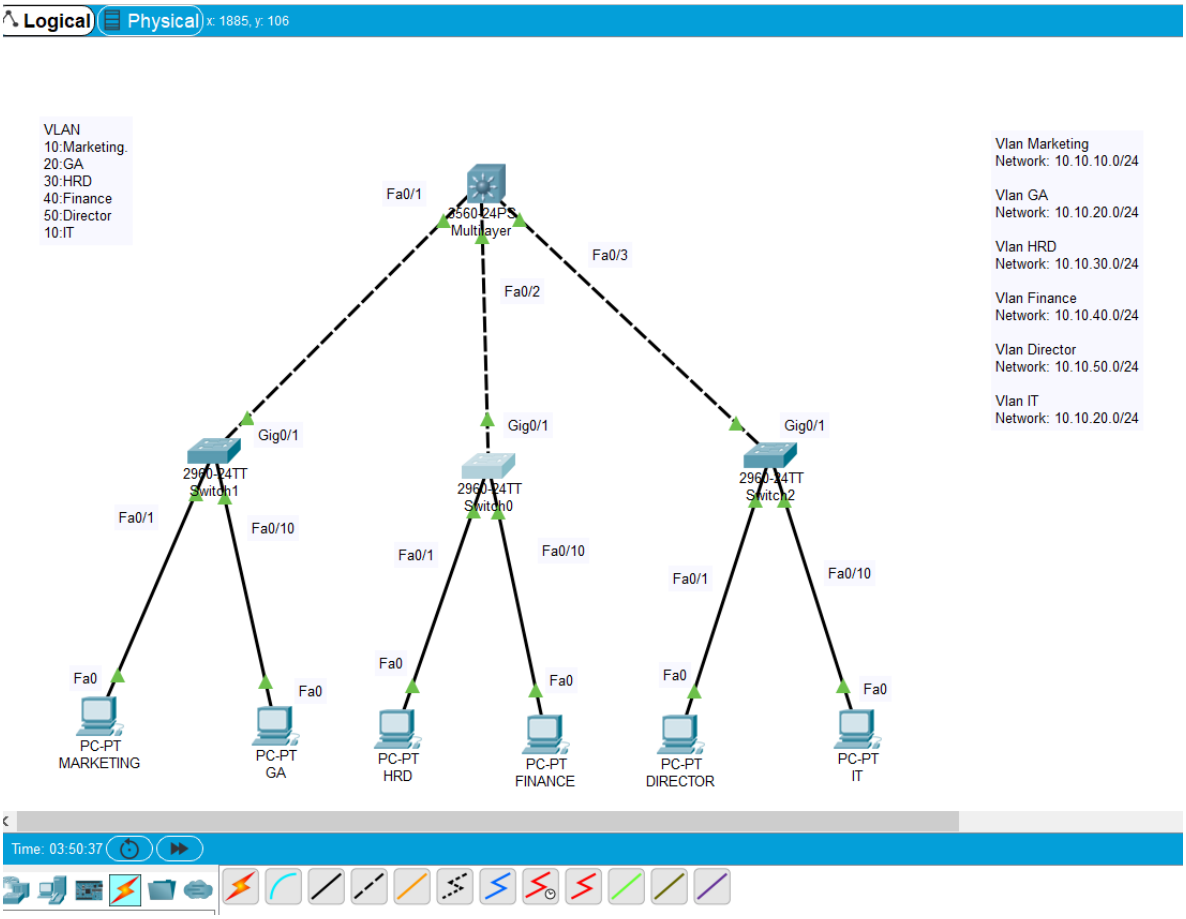
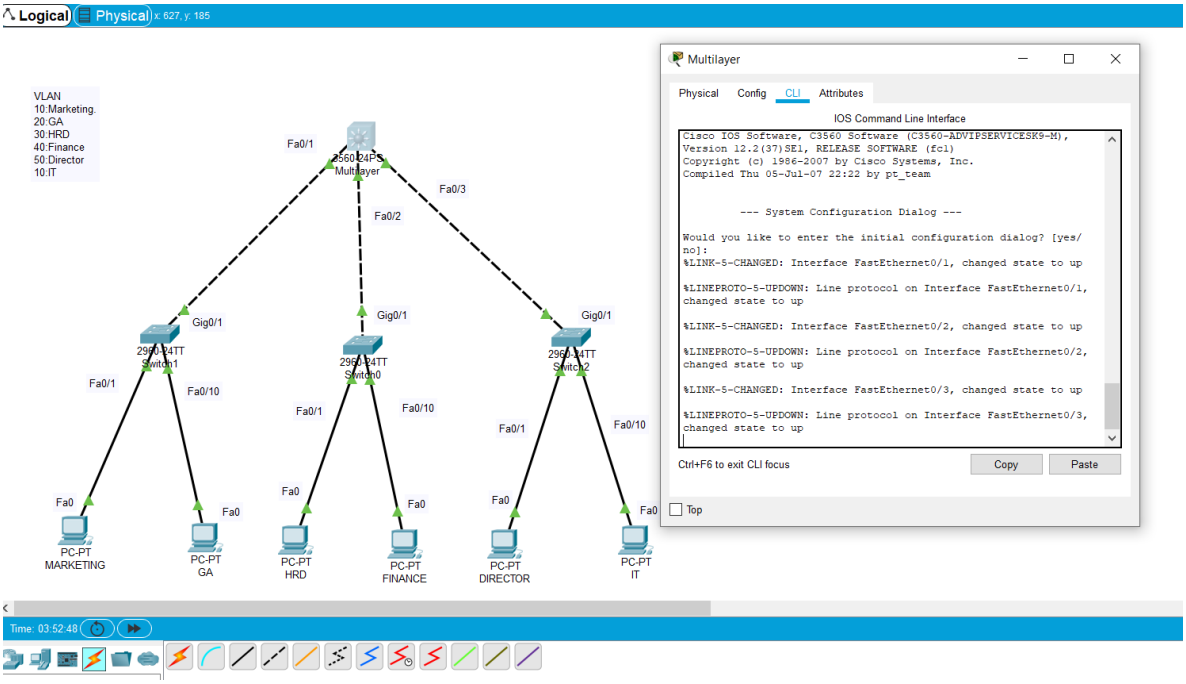
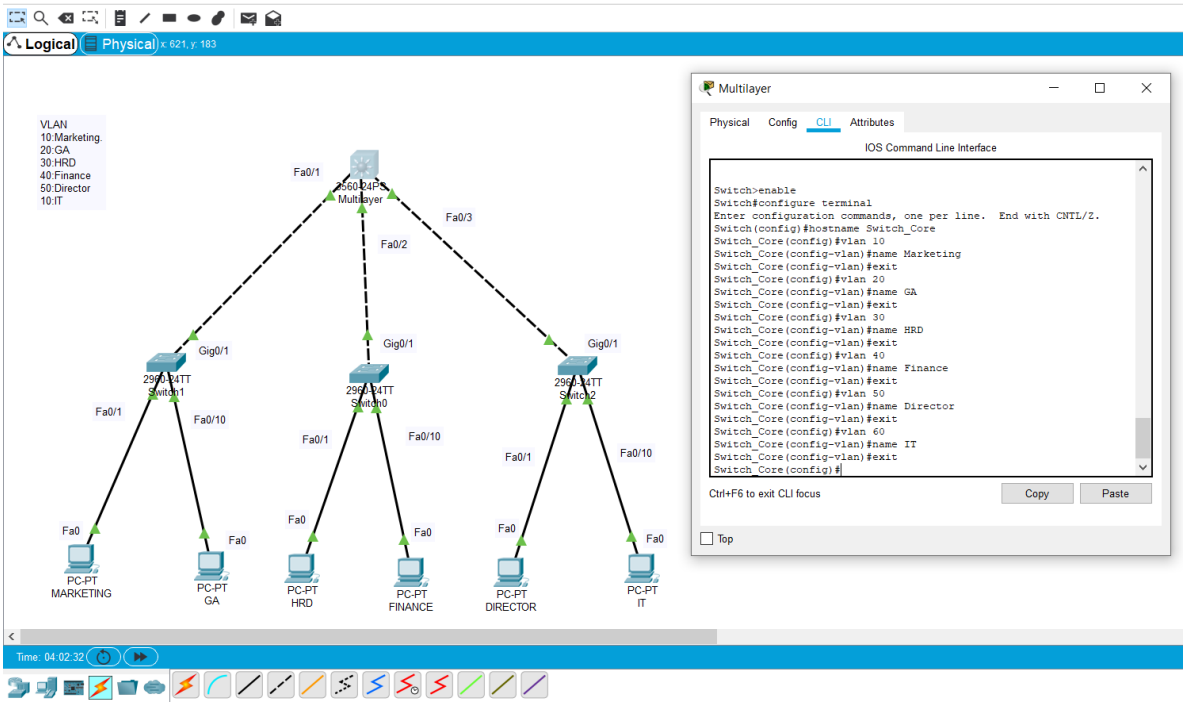
PERIODO:

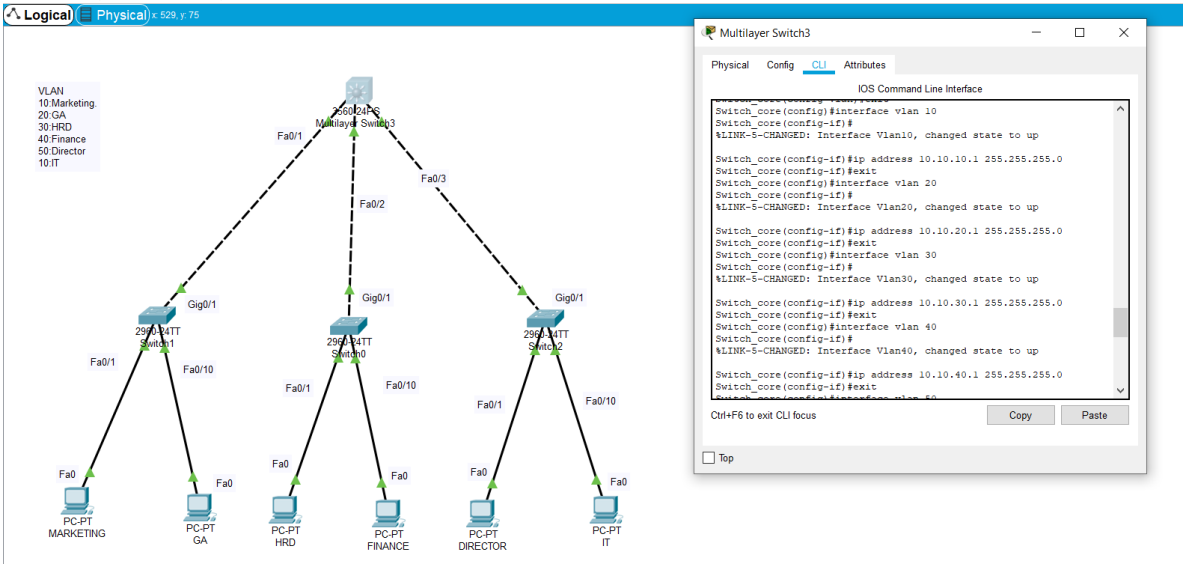
2019(2)

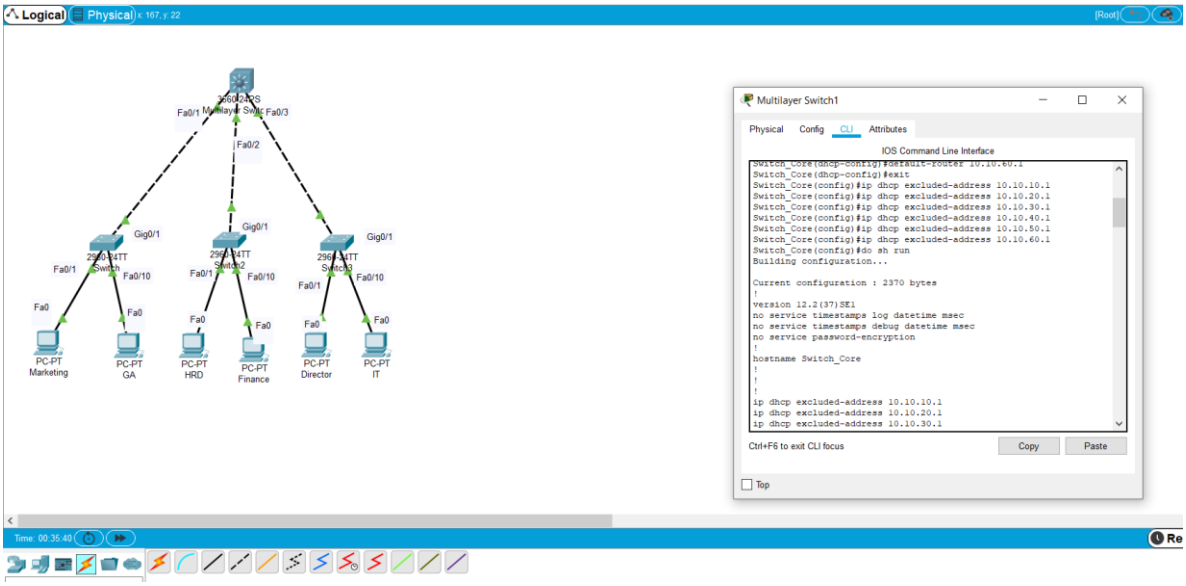
El Carmen, 06 de Diciembre 2019

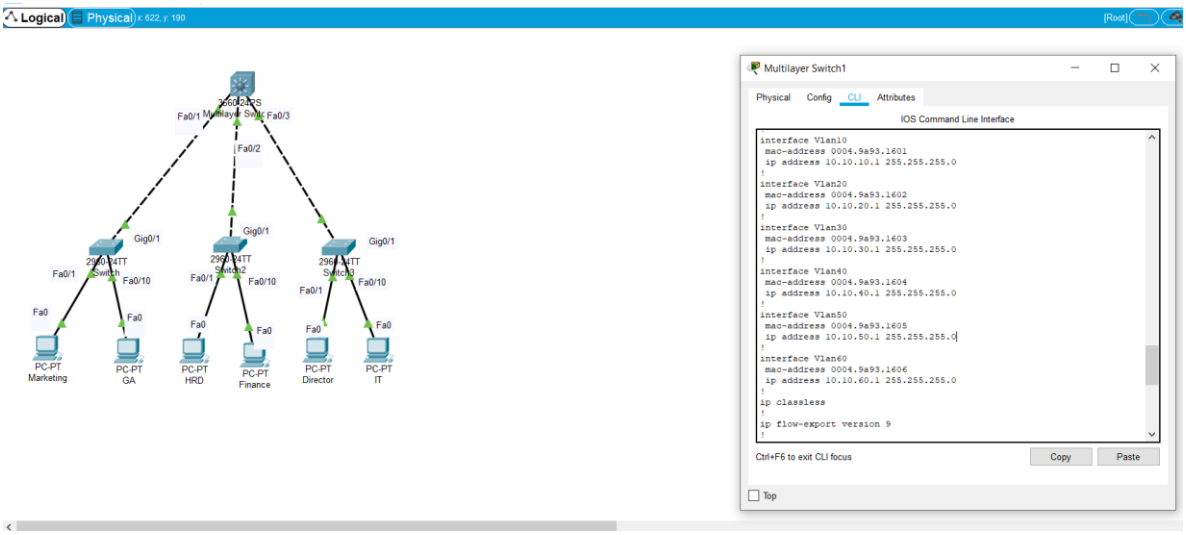

Logical
Physical
x: 1885, y: 106
VLAN
10:Marketing.
20:GA
30:HRD
40:Finance
50:Director
10:IT
Vlan Marketing
Network: 10.10.10.0/24
Vlan GA
Network: 10.10.20.0/24
Vlan HRD
Network: 10.10.30.0/24
Vlan Finance
Network: 10.10.40.0/24
Vlan Director
Network: 10.10.50.0/24
Vlan IT
Network: 10.10.20.0/24
3560-24PS
Multilayer
Fa0/1
Fa0/2
Fa0/3
2960-24TT
Switch1
2960-24TT
Switch0
2960-24TT
Switch2
Gig0/1
Fa0/1
Fa0/10
Fa0
PC-PT
MARKETING
PC-PT
GA
PC-PT
HRD
PC-PT
FINANCE
PC-PT
DIRECTOR
PC-PT
IT
Time: 03:50:37


Logical
Physical
x: 627, y: 185
VLAN
10:Marketing.
20:GA
30:HRD
40:Finance
50:Director
10:IT
Multilayer
Physical
Config
CLI
Attributes
IOS Command Line Interface
Cisco IOS Software, C3560 Software (C3560-ADVIPSERVICESK9-M),
Version 12.2(37)SE1, RELEASE SOFTWARE (fc1)
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Thu 05-Jul-07 22:22 by pt_team
--- System Configuration Dialog ---
Would you like to enter the initial configuration dialog? [yes/
no]:
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1,
changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2,
changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/3, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3,
changed state to up
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Time: 03:52:48


Logical
Physical
x: 621, y: 183
VLAN
10:Marketing
20:GA
30:HRD
40:Finance
50:Director
10:IT
Multilayer
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname Switch_Core
Switch_Core(config)#vlan 10
Switch_Core(config-vlan)#name Marketing
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 20
Switch_Core(config-vlan)#name GA
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 30
Switch_Core(config-vlan)#name HRD
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 40
Switch_Core(config-vlan)#name Finance
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 50
Switch_Core(config-vlan)#name Director
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 60
Switch_Core(config-vlan)#name IT
Switch_Core(config-vlan)#exit
Switch_Core(config)#
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Fa0/1
Fa0/3
Fa0/2
Gig0/1
Gig0/1
Gig0/1
Fa0/1
Fa0/10
Fa0/1
Fa0/10
Fa0/1
Fa0/10
Fa0
Fa0
Fa0
Fa0
Fa0
Fa0
PC-PT MARKETING
PC-PT GA
PC-PT HRD
PC-PT FINANCE
PC-PT DIRECTOR
PC-PT IT
Time: 04:02:32


Logical
Physical
x: 529, y: 75
VLAN
10:Marketing
20:GA
30:HRD
40:Finance
50:Director
10:IT
Multilayer Switch3
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch_core(config)#interface vlan 10
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan10, changed state to up
Switch_core(config-if)#ip address 10.10.10.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 20
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan20, changed state to up
Switch_core(config-if)#ip address 10.10.20.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 30
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan30, changed state to up
Switch_core(config-if)#ip address 10.10.30.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 40
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan40, changed state to up
Switch_core(config-if)#ip address 10.10.40.1 255.255.255.0
Switch_core(config-if)#exit
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Fa0/1
Fa0/3
Fa0/2
Gig0/1
Gig0/1
Gig0/1
Fa0/1
Fa0/10
Fa0/1
Fa0/10
Fa0/1
Fa0/10
Fa0
Fa0
Fa0
Fa0
Fa0
Fa0
PC-PT MARKETING
PC-PT GA
PC-PT HRD
PC-PT FINANCE
PC-PT DIRECTOR
PC-PT IT


Logical
Physical
Multilayer Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Switch_Core(dhcp-config)#exit
Switch_Core(config)#ip dhcp excluded-address 10.10.10.1
Switch_Core(config)#ip dhcp excluded-address 10.10.20.1
Switch_Core(config)#ip dhcp excluded-address 10.10.30.1
Switch_Core(config)#ip dhcp excluded-address 10.10.40.1
Switch_Core(config)#ip dhcp excluded-address 10.10.50.1
Switch_Core(config)#ip dhcp excluded-address 10.10.60.1
Switch_Core(config)#do sh run
Building configuration...
Current configuration : 2370 bytes
version 12.2(37)SE1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
hostname Switch_Core
ip dhcp excluded-address 10.10.10.1
ip dhcp excluded-address 10.10.20.1
ip dhcp excluded-address 10.10.30.1
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Fa0/1
Fa0/2
Fa0/3
Gig0/1
Fa0/10
Fa0
PC-PT Marketing
PC-PT GA
PC-PT HRD
PC-PT Finance
PC-PT Director
PC-PT IT


Logical
Physical
Multilayer Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
interface Vlan10
 mac-address 0004.9a93.1601
 ip address 10.10.10.1 255.255.255.0
!
interface Vlan20
 mac-address 0004.9a93.1602
 ip address 10.10.20.1 255.255.255.0
!
interface Vlan30
 mac-address 0004.9a93.1603
 ip address 10.10.30.1 255.255.255.0
!
interface Vlan40
 mac-address 0004.9a93.1604
 ip address 10.10.40.1 255.255.255.0
!
interface Vlan50
 mac-address 0004.9a93.1605
 ip address 10.10.50.1 255.255.255.0
!
interface Vlan60
 mac-address 0004.9a93.1606
 ip address 10.10.60.1 255.255.255.0
!
ip classless
!
ip flow-export version 9
!
Ctrl+F6 to exit CLI focus
Copy
Paste
Top
Fa0/1
Fa0/2
Fa0/3
Gig0/1
Fa0/10
Fa0
PC-PT Marketing
PC-PT GA
PC-PT HRD
PC-PT Finance
PC-PT Director
PC-PT IT

Swicth Multilayer(Principal)

```
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname Switch_Core
Switch_Core(config)#vlan 10
Switch_Core(config-vlan)#name Marketing
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 20
Switch_Core(config-vlan)#name GA
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 30
Switch_Core(config-vlan)#name HRD
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 40
Switch_Core(config-vlan)#name Finance
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 50
Switch_Core(config-vlan)#name Director
Switch_Core(config-vlan)#exit
Switch_Core(config)#vlan 60
Switch_Core(config-vlan)#name IT
Switch_Core(config-vlan)#exit
Switch_core(config)#interface vlan 10
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan10, changed state to up

Switch_core(config-if)#ip address 10.10.10.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 20
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan20, changed state to up

Switch_core(config-if)#ip address 10.10.20.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 30
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan30, changed state to up

Switch_core(config-if)#ip address 10.10.30.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 40
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan40, changed state to up

Switch_core(config-if)#ip address 10.10.40.1 255.255.255.0
```

```
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 50
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan50, changed state to up

Switch_core(config-if)#ip address 10.10.50.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#interface vlan 60
Switch_core(config-if)#
%LINK-5-CHANGED: Interface Vlan60, changed state to up

Switch_core(config-if)#ip address 10.10.60.1 255.255.255.0
Switch_core(config-if)#exit
Switch_core(config)#ip dhcp pool vlan_Marketing
Switch_core(dhcp-config)#network 10.10.10.0 255.255.255.0
Switch_core(dhcp-config)#default-router 10.10.10.1
Switch_core(dhcp-config)#exit
Switch_core(config)#ip dhcp pool vlan_Ga
Switch_core(dhcp-config)#network 10.10.20.0 255.255.255.0
Switch_core(dhcp-config)#default-router 10.10.20.1
Switch_core(dhcp-config)#exit
Switch_core(config)#ip dhcp pool vlan_HRD
Switch_core(dhcp-config)#network 10.10.30.0 255.255.255.0
Switch_core(dhcp-config)#default-router 10.10.30.1
Switch_core(dhcp-config)#exit
Switch_core(config)#ip dhcp pool vlan_Finance
Switch_core(dhcp-config)#network 10.10.40.0 255.255.255.0
Switch_core(dhcp-config)#default-router 10.10.40.1
Switch_core(dhcp-config)#exit
Switch_core(config)#ip dhcp pool vlan_Director
Switch_core(dhcp-config)#network 10.10.50.0 255.255.255.0
Switch_core(dhcp-config)#default-router 10.10.50.1
Switch_core(dhcp-config)#exit
Switch_core(config)#ip dhcp pool vlan_IT
Switch_core(dhcp-config)#network 10.10.60.0 255.255.255.0
Switch_core(dhcp-config)#ip default-router 10.10.60.1
Switch_core(dhcp-config)#exit
Switch_Core(config)#ip dhcp excluded-address 10.10.10.1

Switch_Core(config)#ip dhcp excluded-address 10.10.20.1

Switch_Core(config)#ip dhcp excluded-address 10.10.30.1

Switch_Core(config)#ip dhcp excluded-address 10.10.40.1

Switch_Core(config)#ip dhcp excluded-address 10.10.50.1

Switch_Core(config)#ip dhcp excluded-address 10.10.60.1
```

Switch_Core(config)#do sh run

Building configuration...

Current configuration : 2370 bytes
!
version 12.2(37)SE1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch_Core
!
!
!
ip dhcp excluded-address 10.10.10.1
ip dhcp excluded-address 10.10.20.1
ip dhcp excluded-address 10.10.30.1
ip dhcp excluded-address 10.10.40.1
ip dhcp excluded-address 10.10.50.1
ip dhcp excluded-address 10.10.60.1
!
ip dhcp pool vlan_Marketing
network 10.10.10.0 255.255.255.0
default-router 10.10.10.1
ip dhcp pool vlan_GA
network 10.10.20.0 255.255.255.0
default-router 10.10.20.1
ip dhcp pool vlan_HRD
network 10.10.30.0 255.255.255.0
default-router 10.10.30.1
ip dhcp pool vlan_Finance
network 10.10.40.0 255.255.255.0
default-router 10.10.40.1
ip dhcp pool vlan_Director
network 10.10.50.0 255.255.255.0
default-router 10.10.50.1
ip dhcp pool vlan_IT
network 10.10.60.0 255.255.255.0
default-router 10.10.60.1
!
!
!
!
!

```
!
!
!
!
!
!
!
!
!
!
spanning-tree mode pvst
!
!
!
!
!
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
!
interface FastEthernet0/6
!
interface FastEthernet0/7
!
interface FastEthernet0/8
!
interface FastEthernet0/9
!
interface FastEthernet0/10
!
interface FastEthernet0/11
!
interface FastEthernet0/12
!
interface FastEthernet0/13
!
interface FastEthernet0/14
!
interface FastEthernet0/15
!
```

```
interface FastEthernet0/16
!
interface FastEthernet0/17
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
!
interface FastEthernet0/21
!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
no ip address
shutdown
!
interface Vlan10
mac-address 0004.9a93.1601
ip address 10.10.10.1 255.255.255.0
!
interface Vlan20
mac-address 0004.9a93.1602
ip address 10.10.20.1 255.255.255.0
!
interface Vlan30
mac-address 0004.9a93.1603
ip address 10.10.30.1 255.255.255.0
!
interface Vlan40
mac-address 0004.9a93.1604
ip address 10.10.40.1 255.255.255.0
!
interface Vlan50
mac-address 0004.9a93.1605
ip address 10.10.50.1 255.255.255.0
!
interface Vlan60
```

```
mac-address 0004.9a93.1606
ip address 10.10.60.1 255.255.255.0
!
ip classless
!
ip flow-export version 9
!
!
!
!
!
!
!
!
line con 0
!
line aux 0
!
line vty 0 4
login
!
!
!
!
end
```

```
Switch_Core(config)#interface fastEthernet 0/1

Switch_Core(config-if)#switchport trunk encapsulation dot1q

Switch_Core(config-if)#description TO_SWITCH_1
Switch_Core(config-if)#exit
Switch_Core(config)#interface fastEthernet 0/2

Switch_Core(config-if)#switchport trunk encapsulation dot1q
Switch_Core(config-if)#description TO_SWITCH_2
Switch_Core(config-if)#exit
Switch_Core(config)#interface fastEthernet 0/3
Switch_Core(config-if)#switchport trunk encapsulation dot1q
Switch_Core(config-if)#description TO_SWITCH_3
Switch_Core(config-if)#exit

Switch_Core(config)#do sh vlan

VLAN Name Status Ports
---- -------------------------------- --------- -------------------------------
1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
```

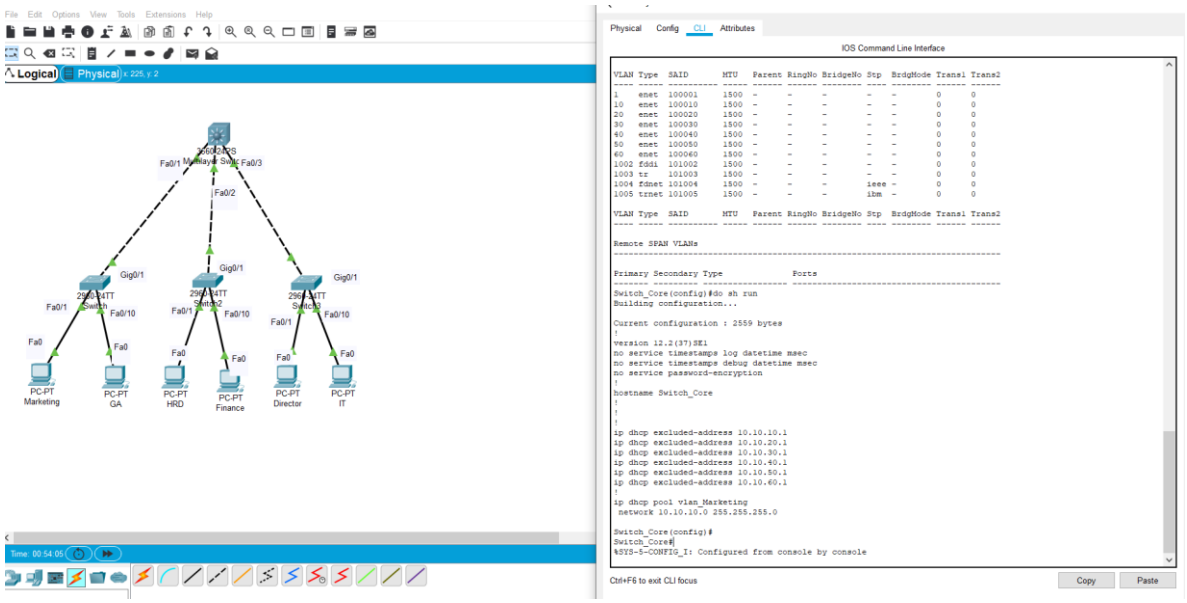
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/1, Gig0/2
10 Marketing active
20 GA active
30 HRD active
40 Finance active
50 Director active
60 IT active
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
--More--

Switch_Core(config)#do sh run
Building configuration...

Current configuration : 2559 bytes
!
version 12.2(37)SE1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch_Core
!
!
!
ip dhcp excluded-address 10.10.10.1
ip dhcp excluded-address 10.10.20.1
ip dhcp excluded-address 10.10.30.1
ip dhcp excluded-address 10.10.40.1
ip dhcp excluded-address 10.10.50.1
ip dhcp excluded-address 10.10.60.1
!
ip dhcp pool vlan_Marketing
network 10.10.10.0 255.255.255.0

Switch_Core(config)#
Switch_Core#



Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname SWITCH_1
SWITCH_1(config)#interface gigabitEthernet 0/1
SWITCH_1(config-if)#switchport mode trunk

SWITCH_1(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

SWITCH_1(config-if)#description TO_SWITCH_CORE
SWITCH_1(config-if)#EXIT
SWITCH_1(config)#vtp mode client
Setting device to VTP CLIENT mode.
SWITCH_1(config)#vtp domain IT_INFRA
Changing VTP domain name from NULL to IT_INFRA
SWITCH_1(config)#do shutdown vlan
shutdown vlan
^
% Invalid input detected at '^' marker.
SWITCH_1(config)#do sh vlan

VLAN Name Status Ports
---- -------------------------------- --------- -------------------------------
1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8

Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16
Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/2
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

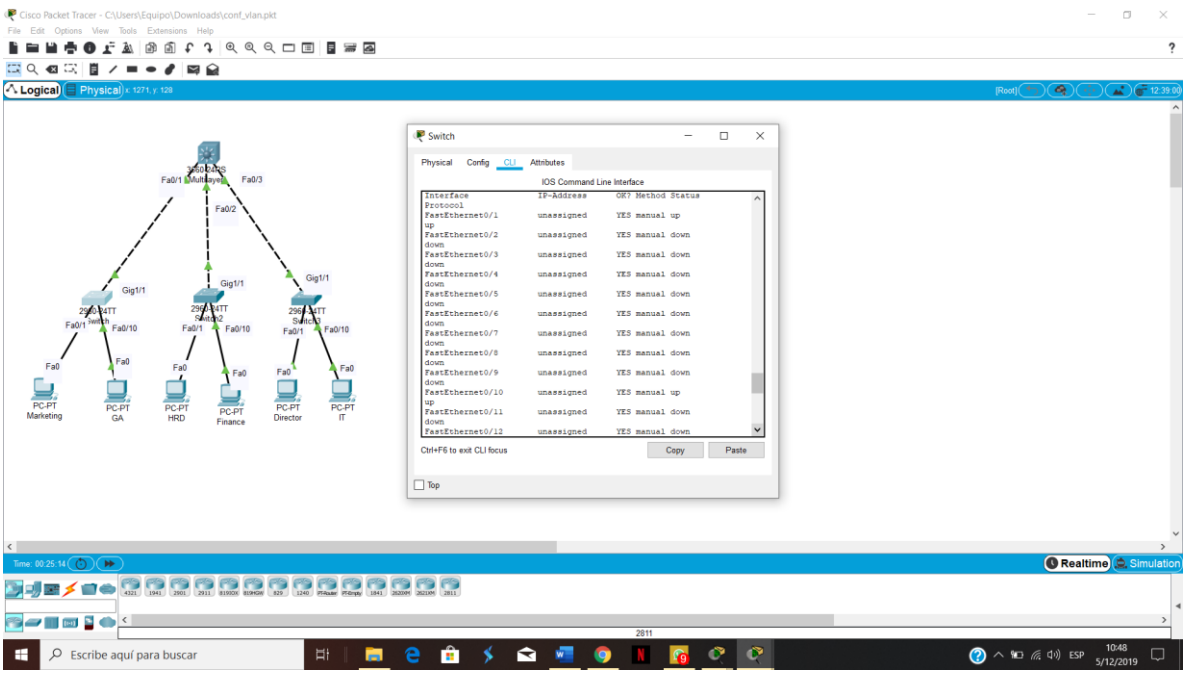
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
1 enet 100001 1500 - - - - - 0 0
1002 fddi 101002 1500 - - - - - 0 0
1003 tr 101003 1500 - - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------

Remote SPAN VLANs

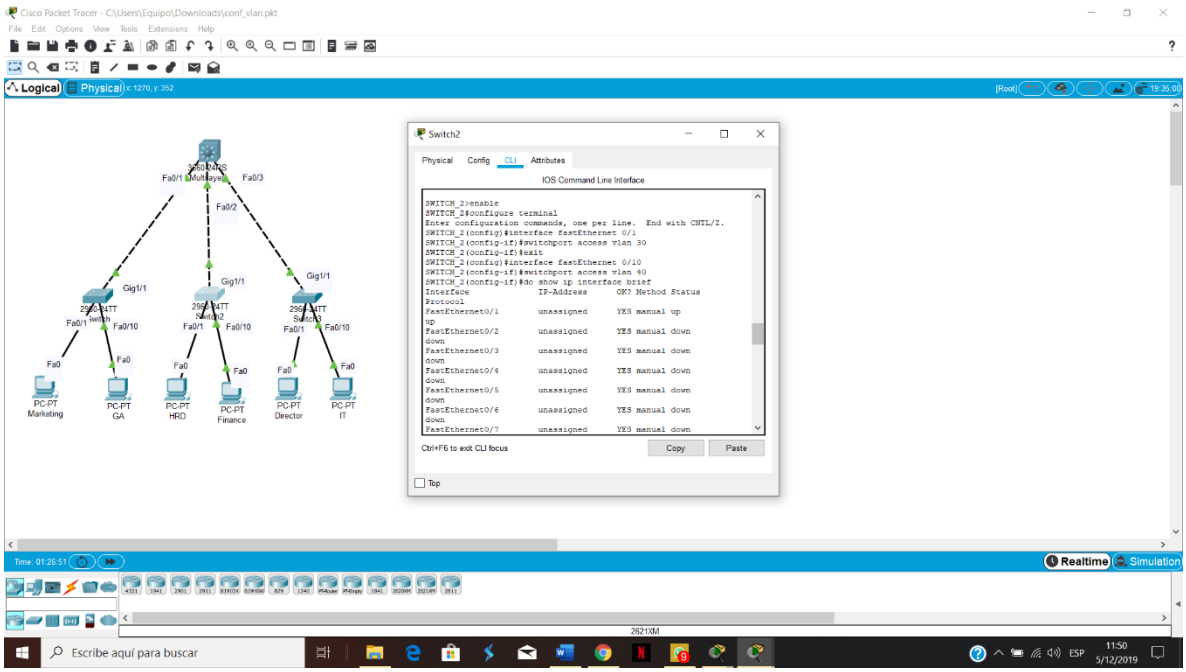
Primary Secondary Type Ports
------- --------- ----------------- --
SWITCH_1(config)#
SWITCH_1(config)#
SWITCH_1(config)#
SWITCH_1(config)#configure terminal
^
% Invalid input detected at '^' marker.
SWITCH_1(config)#configure terminal
^
% Invalid input detected at '^' marker.
SWITCH_1(config)#conf t
^
% Invalid input detected at '^' marker.
SWITCH_1(config)#interface fastEthernet 0/1
SWITCH_1(config-if)#switchport access vlan 10
SWITCH_1(config-if)#exit
SWITCH_1(config)#interface fastEthernet 0/10
SWITCH_1(config-if)#switchport access vlan 20
SWITCH_1(config-if)#exit
SWITCH_1(config)#do show ip interface brief
Interface IP-Address OK? Method Status Protocol
FastEthernet0/1 unassigned YES manual up up

FastEthernet0/2 unassigned YES manual down down
FastEthernet0/3 unassigned YES manual down down
FastEthernet0/4 unassigned YES manual down down
FastEthernet0/5 unassigned YES manual down down
FastEthernet0/6 unassigned YES manual down down
FastEthernet0/7 unassigned YES manual down down
FastEthernet0/8 unassigned YES manual down down
FastEthernet0/9 unassigned YES manual down down
FastEthernet0/10 unassigned YES manual up up
FastEthernet0/11 unassigned YES manual down down
FastEthernet0/12 unassigned YES manual down down
FastEthernet0/13 unassigned YES manual down down
FastEthernet0/14 unassigned YES manual down down
FastEthernet0/15 unassigned YES manual down down
FastEthernet0/16 unassigned YES manual down down
FastEthernet0/17 unassigned YES manual down down
FastEthernet0/18 unassigned YES manual down down
FastEthernet0/19 unassigned YES manual down down
FastEthernet0/20 unassigned YES manual down down
FastEthernet0/21 unassigned YES manual down down
FastEthernet0/22 unassigned YES manual down down
FastEthernet0/23 unassigned YES manual down down
FastEthernet0/24 unassigned YES manual down down
GigabitEthernet0/1 unassigned YES manual up up
GigabitEthernet0/2 unassigned YES manual down down
Vlan1 unassigned YES manual administratively down down



```
SWITCH_2>enable
SWITCH_2#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
SWITCH_2(config)#interface fastEthernet 0/1
SWITCH_2(config-if)#switchport access vlan 30
SWITCH_2(config-if)#exit
SWITCH_2(config)#interface fastEthernet 0/10
SWITCH_2(config-if)#switchport access vlan 40
SWITCH_2(config-if)#do show ip interface brief
Interface IP-Address OK? Method Status Protocol
FastEthernet0/1 unassigned YES manual up up
FastEthernet0/2 unassigned YES manual down down
FastEthernet0/3 unassigned YES manual down down
FastEthernet0/4 unassigned YES manual down down
FastEthernet0/5 unassigned YES manual down down
FastEthernet0/6 unassigned YES manual down down
FastEthernet0/7 unassigned YES manual down down
FastEthernet0/8 unassigned YES manual down down
FastEthernet0/9 unassigned YES manual down down
FastEthernet0/10 unassigned YES manual up up
FastEthernet0/11 unassigned YES manual down down
FastEthernet0/12 unassigned YES manual down down
FastEthernet0/13 unassigned YES manual down down
FastEthernet0/14 unassigned YES manual down down
FastEthernet0/15 unassigned YES manual down down
FastEthernet0/16 unassigned YES manual down down
FastEthernet0/17 unassigned YES manual down down
FastEthernet0/18 unassigned YES manual down down
FastEthernet0/19 unassigned YES manual down down
FastEthernet0/20 unassigned YES manual down down
FastEthernet0/21 unassigned YES manual down down
--More--
```

```
SWITCH_2 con0 is now available
```



Switch>enable
Switch# configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname SWITCH_3
SWITCH_3(config)#interface gigabitEthernet 0/1
SWITCH_3(config-if)#switchport mode trunk

SWITCH_3(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

SWITCH_3(config-if)#description TO_SWITCH_CORE
SWITCH_3(config-if)#exit
SWITCH_3(config)#vtp mode client
Setting device to VTP CLIENT mode.
SWITCH_3(config)# vtp_domain IT_INFRA
^
% Invalid input detected at '^' marker.
SWITCH_3(config)# vtp domain IT_INFRA
Domain name already set to IT_INFRA.
SWITCH_3(config)#do show vlan

VLAN Name Status Ports
---- -------------------------------- --------- -------------------------------
1 default active Fa0/1, Fa0/2, Fa0/3, Fa0/4
Fa0/5, Fa0/6, Fa0/7, Fa0/8
Fa0/9, Fa0/10, Fa0/11, Fa0/12
Fa0/13, Fa0/14, Fa0/15, Fa0/16

Fa0/17, Fa0/18, Fa0/19, Fa0/20
Fa0/21, Fa0/22, Fa0/23, Fa0/24
Gig0/2
10 Marketing active
20 GA active
30 HRD active
40 Finance active
50 Director active
60 IT active
1002 fddi-default active
1003 token-ring-default active
1004 fddinet-default active
1005 trnet-default active

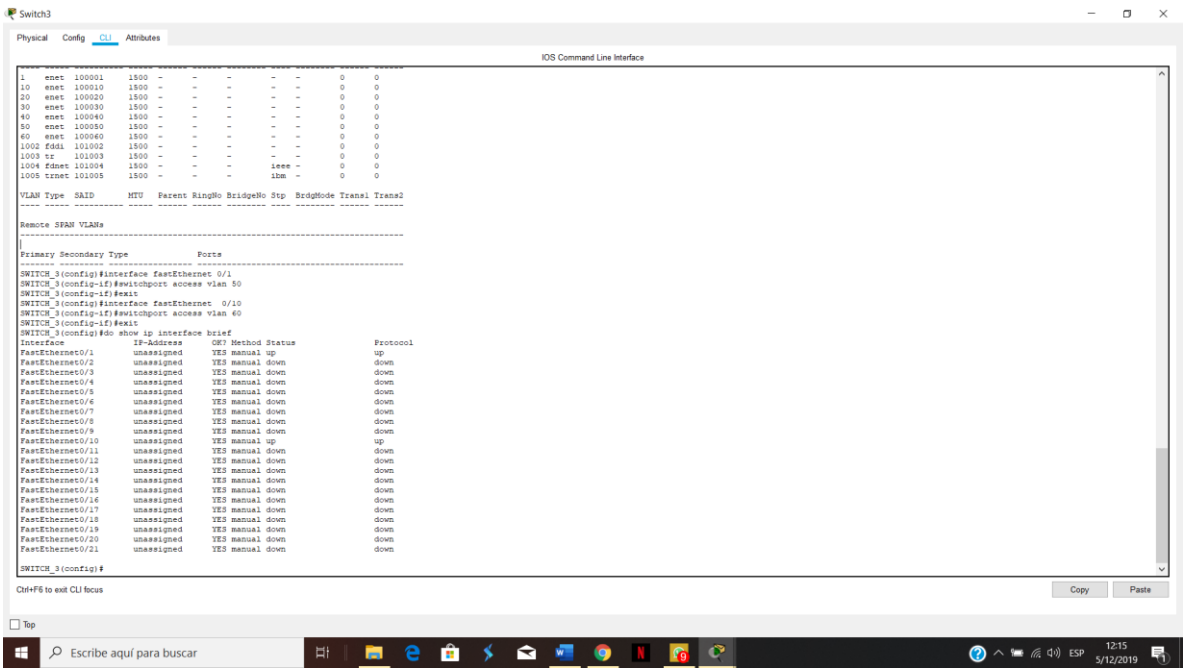
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------
1 enet 100001 1500 - - - - - 0 0
10 enet 100010 1500 - - - - - 0 0
20 enet 100020 1500 - - - - - 0 0
30 enet 100030 1500 - - - - - 0 0
40 enet 100040 1500 - - - - - 0 0
50 enet 100050 1500 - - - - - 0 0
60 enet 100060 1500 - - - - - 0 0
1002 fddi 101002 1500 - - - - - 0 0
1003 tr 101003 1500 - - - - - 0 0
1004 fdnet 101004 1500 - - - ieee - 0 0
1005 trnet 101005 1500 - - - ibm - 0 0

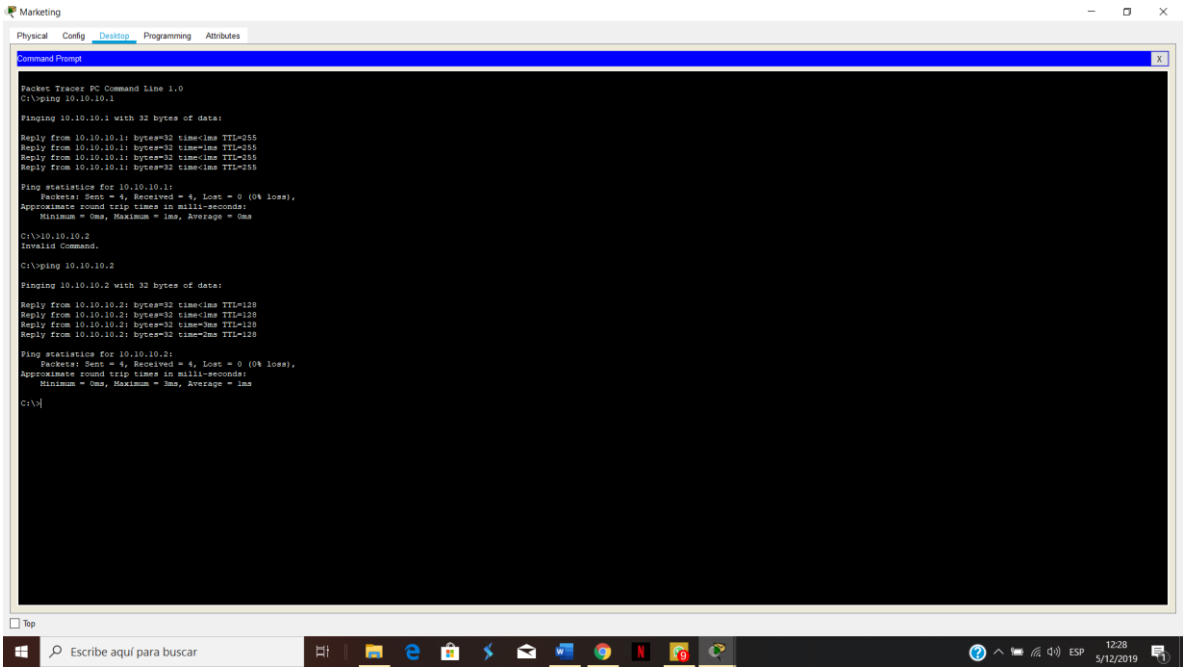
VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2
---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------

Remote SPAN VLANs

Primary Secondary Type Ports
------- --------- ---------- ----------
SWITCH_3(config)#interface fastEthernet 0/1
SWITCH_3(config-if)#switchport access vlan 50
SWITCH_3(config-if)#exit
SWITCH_3(config)#interface fastEthernet 0/10
SWITCH_3(config-if)#switchport access vlan 60
SWITCH_3(config-if)#exit
SWITCH_3(config)#do show ip interface brief
Interface IP-Address OK? Method Status Protocol
FastEthernet0/1 unassigned YES manual up up
FastEthernet0/2 unassigned YES manual down down
FastEthernet0/3 unassigned YES manual down down

FastEthernet0/4 unassigned YES manual down down
FastEthernet0/5 unassigned YES manual down down
FastEthernet0/6 unassigned YES manual down down
FastEthernet0/7 unassigned YES manual down down
FastEthernet0/8 unassigned YES manual down down
FastEthernet0/9 unassigned YES manual down down
FastEthernet0/10 unassigned YES manual up up
FastEthernet0/11 unassigned YES manual down down
FastEthernet0/12 unassigned YES manual down down
FastEthernet0/13 unassigned YES manual down down
FastEthernet0/14 unassigned YES manual down down
FastEthernet0/15 unassigned YES manual down down
FastEthernet0/16 unassigned YES manual down down
FastEthernet0/17 unassigned YES manual down down
FastEthernet0/18 unassigned YES manual down down
FastEthernet0/19 unassigned YES manual down down
FastEthernet0/20 unassigned YES manual down down
FastEthernet0/21 unassigned YES manual down down





Switch_Core>enable

Switch_Core#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch_Core(config)#ip routing

Switch_Core(config)#do show ip route

Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

10.0.0.0/24 is subnetted, 6 subnets

C 10.10.10.0 is directly connected, Vlan10

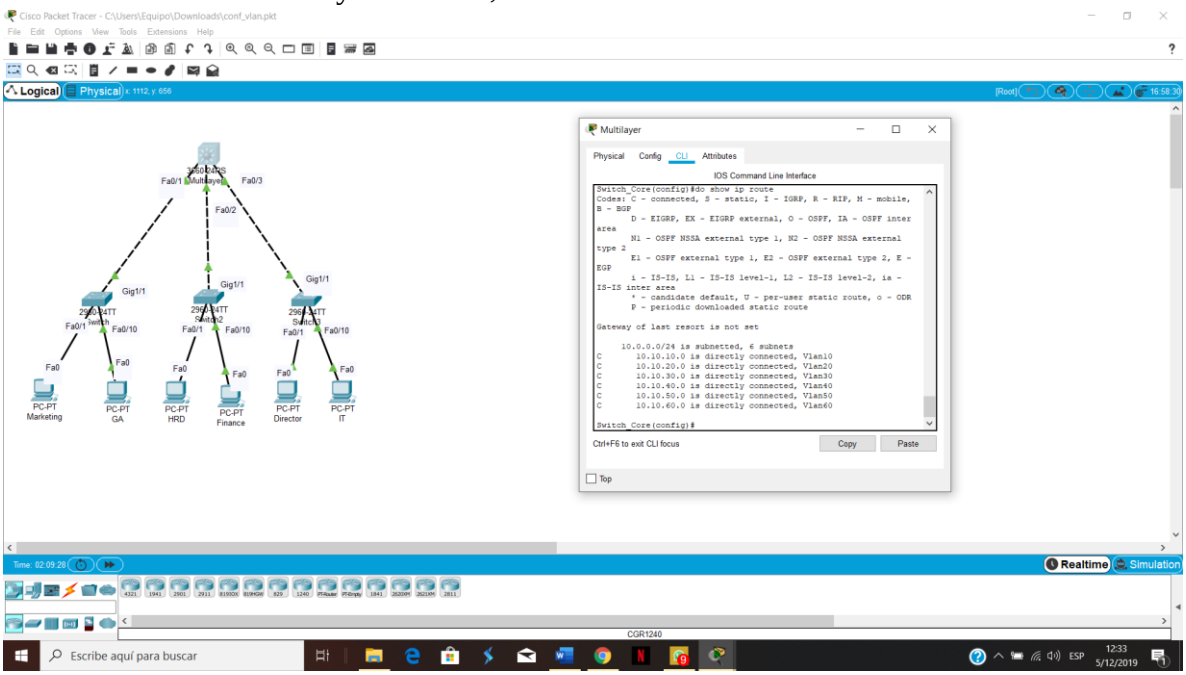
C 10.10.20.0 is directly connected, Vlan20

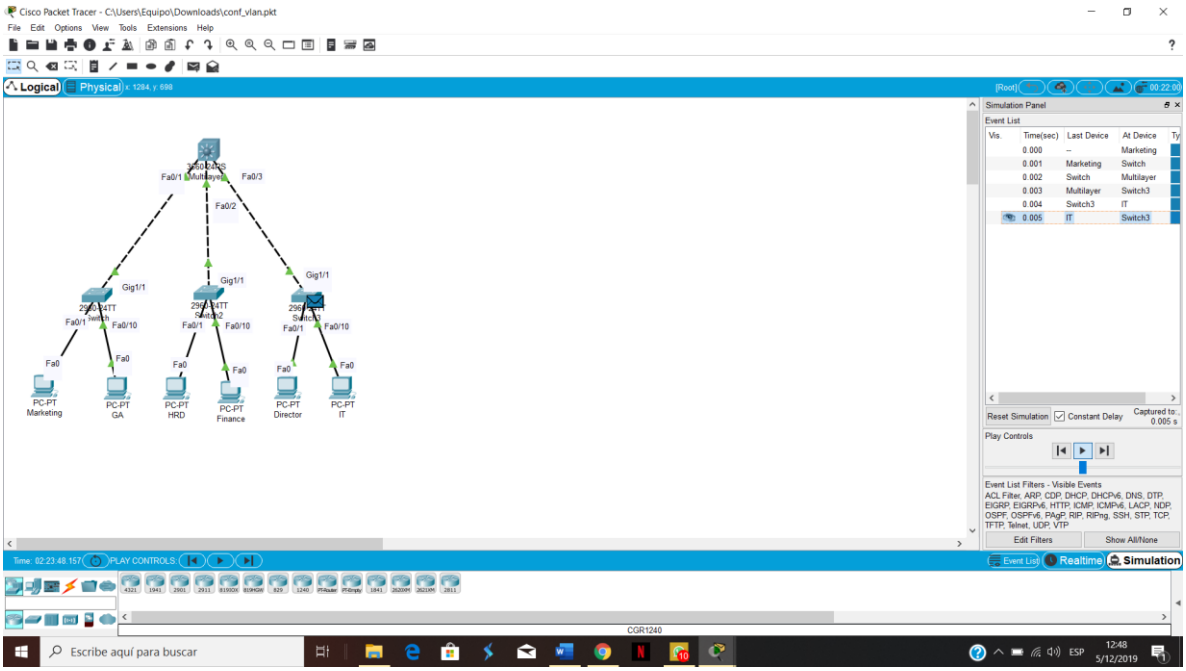
C 10.10.30.0 is directly connected, Vlan30

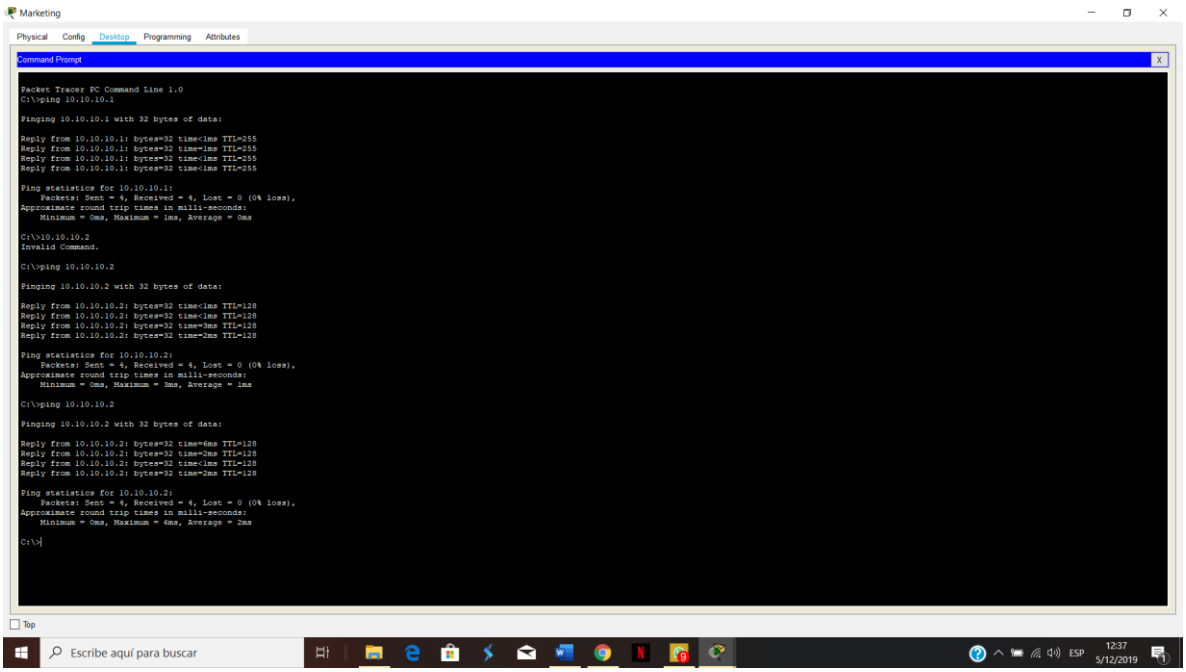
C 10.10.40.0 is directly connected, Vlan40

C 10.10.50.0 is directly connected, Vlan50

C 10.10.60.0 is directly connected, Vlan60




Cisco Packet Tracer - C:\Users\Equipo\Downloads\conf_vlan.pkt
File Edit Options View Tools Extensions Help
Logical Physical
Fa0/1 Fa0/3 Fa0/2
Gig1/1
Fa0/10
Fa0
PC-PT Marketing
PC-PT GA
PC-PT HRD
PC-PT Finance
PC-PT Director
PC-PT IT
Simulation Panel
Event List
Vis. Time(sec) Last Device At Device
0.000 - Marketing
0.001 Marketing Switch
0.002 Switch Multilayer
0.003 Multilayer Switch3
0.004 Switch3 IT
0.005 IT Switch3
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Realtime
Simulation
CGR1240
Escribe aquí para buscar
ESP
12:48
5/12/2019


Marketing
Physical Config Desktop Programming Attributes
Command Prompt
Packet Tracer PC Command Line 1.0
C:\>ping 10.10.10.1
Pinging 10.10.10.1 with 32 bytes of data:
Reply from 10.10.10.1: bytes=32 time<1ms TTL=255
Reply from 10.10.10.1: bytes=32 time<1ms TTL=255
Reply from 10.10.10.1: bytes=32 time<1ms TTL=255
Reply from 10.10.10.1: bytes=32 time<1ms TTL=255
Ping statistics for 10.10.10.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>10.10.10.2
Invalid Command.
C:\>ping 10.10.10.2
Pinging 10.10.10.2 with 32 bytes of data:
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time=3ms TTL=128
Reply from 10.10.10.2: bytes=32 time=2ms TTL=128
Ping statistics for 10.10.10.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 1ms
C:\>ping 10.10.10.2
Pinging 10.10.10.2 with 32 bytes of data:
Reply from 10.10.10.2: bytes=32 time=6ms TTL=128
Reply from 10.10.10.2: bytes=32 time=2ms TTL=128
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time=2ms TTL=128
Ping statistics for 10.10.10.2:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 6ms, Average = 2ms
C:\>
Top
Escribe aquí para buscar
ESP
12:37
5/12/2019