

CONFIGURANDO SERVIDOR VTP

```
conf t
vtp domain Grupo37
vtp password Grupo37
vtp mode server
end
sh vtp status
```

CREANDO LOS PORT CHANEL PARA ESW1

```
conf t
interface range f1/1-3 -> depende de los rangos que querramos agrupar
channel-group 1 mode on
end
```

VERIFICAR QUE SEA CORRECTA LA CONFIGURACION

```
show etherchannel port-channel
show etherchannel summary
```

CONFIGURACION DEL MODO TRONCAL PORT CHANNEL

```
conf t
interface port-channel 1 -> depende que port channel vamos a configurar
switchport mode trunk
switch trunk allowed vlan 1,10,20,30,1002-1005
end
show int trunk
```

CONFIGURACION DEL MODO TRONCAL INTERFAZ SWITHC

```
conf t
interface f1/6
switchport mode trunk
switch trunk allowed vlan 1,10,20,30,1002-1005
end
```

CONFIGURAR VLANS

```
conf t
vlan 10
name ADMINISTACION
end
```

```
conf t
vlan 20
name CONTABILIDAD
end
```

```
conf t
vlan 30
name VENTAS-INFORMATICA
end
```

VISUALIZAR VLANS

```
sh vlan-sw
```

CREANDO LOS PORT CHANEL PARA ESW2,ESW3,ESW4

```
conf t
interface range f1/0-2 -> depende de los rangos que querramos agrupar
channel-group 1 mode on
end
```

VERIFICAR QUE SEA CORRECTA LA CONFIGURACION

```
show etherchannel port-channel
show etherchannel summary
```

CONFIGURACION DEL MODO TRONCAL PORT CHANNEL

```
conf t
interface port-channel 1 -> depende que port channel vamos a configurar
switchport mode trunk
switch trunk allowed vlan 1,10,20,30,1002-1005
end
show int trunk
```

CONFIGURACION VTP CLIENTE

```
conf t
vtp domain Grupo37
vtp password Grupo37
vtp mode client
end
sh vtp status
```

VISUALIZAR VLANS

```
sh vlan-sw
```

CONFIGURACION DEL MODO TRONCAL INTERFAZ SWITHC

```
conf t
interface f1/6
switchport mode trunk
switch trunk allowed vlan 1,10,20,30,1002-1005
end
```

WR para guardar las configuraciones

VTP PRUNING

```
conf t
vtp pruning
```

STP

```
conf t
spanning-tree vlan 10 root primary
spanning-tree vlan 20 root primary
spanning-tree vlan 30 root primary
end
```

VERIFICAR EL SWITCH ROOT.

sh spanning-tree root

VERIFICAR STP

show spanning-tree brief

PARA MOSTRAR LOS PUERTOS BLOQUEADOS

show spanning-tree blockedports