**CẤU HÌNH SƠ LƯỢT**

1. **ĐẶT TÊN**

Switch>enable

Switch#configure terminal

Switch(config)#hostname Sw1

Tạo pass: Switch(config)#username itinfra privilege 15 password yourpassword

1. **TẠO VLAN**

Switch#show vlan

Switch# configure terminal

Switch(config)# vlan 10

Switch(config-vlan)# name vlan10

Switch(config)# interface vlan 10

Switch (config-if)#ip add 172.16.1.3 255.255.255.0

Switch (config-if)# no shutdown

Switch(config-vlan)# exit

**Xóa Vlan**

switch(config)# no vlan 10

1. **TAO PORT TRUNKING**

Switch# configure terminal

Switch(config)# interface F0/3

Switch(config-if)# switchport mode trunk

Switch(config-if)# exit

1. **VTP**

Sw1(config)#vtp domain vuong

Sw1(config)#vtp mode server-client

Sw1(config)#vtp password cisco

1. **PORT SECURITY**

SwitchX(config)#interface fa0/5

SwitchX(config-if)#switchport mode access

SwitchX(config-if)#switchport port-security

SwitchX(config-if)#switchport port-security maximum 1

SwitchX(config-if)#switchport port-security mac-address sticky

SwitchX(config-if)#switchport port-security violation shutdown

Disport security, Mac

no switchport port-security

clear port-security sticky interface g0/4

1. **SSH**

switch# config t

switch# sh ip ssh

switch(config)# hostname OTGswitch

OTGswitch(config)# ip domain-name OTG.com

OTGswitch(config)# ip ssh version 2

OTGswitch(config)# crypto key generate rsa general-keys modulus 1024

OTGswitch(config)# line vty 0 15 ( port ssh)

OTGswitch(config-line)# login local( dùng user local)

OTGswitch(config-line)# transport input ssh( user local để ssh)

OTGswitch(config-line)# exit  
OTGswitch(config)# username OTGuser privilege 15 secret OTGpass

switch(config)#ip http auth local ( cho phep login bang local)

1. **ETHERNET LACP**

SW1(config)#interface FastEthernet0/1

SW1(config-if)#switchport trunk native vlan 10

SW1(config-if)#switchport mode trunk

SW1(config-if)#channel-group 2 mode active

SW1(config)#interface FastEthernet0/2

SW1(config-if)#switchport trunk native vlan 10

SW1(config-if)#switchport mode trunk

SW1(config-if)#channel-group 2 mode active

SW1(config)#interface Port-channel2

SW1(config-if)#switchport trunk native vlan 10

SW1(config-if)#switchport mode trunk

SW1(config-if)#switchport trunk allowed vlan 2-255

SW2(config)#interface FastEthernet0/1

SW2(config-if)#switchport trunk native vlan 10

SW2(config-if)#switchport mode trunk

SW2(config-if)#channel-group 2 mode passive

SW2(config)#interface FastEthernet0/2

SW2(config-if)#switchport trunk native vlan 10

SW2(config-if)#switchport mode trunk

SW2(config-if)#channel-group 2 mode passive

SW2(config)#interface Port-channel2

SW2(config-if)#switchport trunk native vlan 10

SW2(config-if)#switchport mode trunk

Show etherchannel 1 port-channel

1. **cấu hình STP ( spanning-tree)**

spanning-tree portfast edge

router> **enable**  
router#**write erase**  
Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]   
router# **reload**  
Proceed with reload? [confirm]   
-OR-  
Would you like to enter the initial configuration dialog? [yes|no] **no** <**Press Enter key**>  
–OR–  
Do you want to save the configuration of the AP? [yes|no] **no**