

-----IP Conf-----

Switch>enable

Switch#configure terminal

Switch(config)#hostname live

live(config)#enable password 123

live(config)#interface vlan 1

live(config-if)#ip address 10.1.1.100 255.0.0.0

live(config-if)#no shutdown

live(config-if)#exit

-----Telnet-----

live(config)#username ccna secret abc

live(config)#line vty 0

live(config-line)#login local

live(config-line)#exit

-----ssh-----

network(config)#ip domain-name googel.com

network(config)#crypto key generate rsa

How many bits in the modulus [512]: 600

network(config)#ip ssh version 2

-----vlan-----

network(config)#vlan 2

network(config-vlan)#name manager

network(config-vlan)#exit

network(config)#interface fa0/2

network(config-if)#switchport mode ?

access Set trunking mode to ACCESS unconditionally

dynamic Set trunking mode to dynamically negotiate access or trunk mode

trunk Set trunking mode to TRUNK unconditionally

network(config-if)#switchport mode access

network(config-if)#switchport access vlan 2

network(config-if)#exit

network(config)#exit

network#show vlan

-----Port security-----

interface range fa0/1 - 3

switchport mode access

```
switchport port-security
switchport port-security maximum 1
switchport port-security mac-address sticky
switchport port-security violation shutdown
```

-----inter-vlan-----

We do the conf in router

```
interface g0/0.10
encapsulation dot1Q 10
ip address 10.1.1.1 255.255.255.0
exit
```

```
interface g0/0.20
encapsulation dot1Q 20
ip address 10.1.2.1 255.255.255.0
exit
```

```
interface g0/0.30
encapsulation dot1Q 30
ip address 10.1.3.1 255.255.255.0
exit
```