Switch>enable

Switch#configure terminal

Switch(config)#exit

Switch#

Switch#?

Switch#co?

configure connect copy

Switch#configure

Switch#configure ?

Switch#configure t

Switch#configure terminal

Switch(config)#exit

Switch#

Switch#conf t

Switch(config)# hostname W\_Switch

W\_Switch(config)# no ip domain-lookup

W\_Switch(config)# banner motd #Unauthorized access is strictly forbidden and will be enforced by the fullest extent of the law!#

W\_Switch(config)#exit

W\_Switch#show startup-config

W\_Switch#copy running-config startup-config

W\_Switch#copy run start

W\_Switch#show running-config

W\_Switch#show run

W\_Switch#show startup-config

W\_Switch#show start

W\_Switch(config)#line console 0

W\_Switch(config-line)#password console0

W\_Switch(config-line)#login

W\_Switch(config-line)#exit

W\_Switch(config)#line vty 0

W\_Switch(config-line)#password vty0

W\_Switch(config-line)#login

W\_Switch(config-line)#exit

W\_Switch(config)#line vty 1 15

W\_Switch(config-line)#password VTY1-15

W\_Switch(config-line)#login

W\_Switch(config-line)#ctrl+z

W\_Switch#

W\_Switch#show run

W\_Switch(config)#enable password password1

W\_Switch(config)#enable secret secret1

W\_Switch#show run

W\_Switch#config terminal

W\_Switch(config)#service password-encryption

W\_Switch#show mac-address-table

W\_Switch#show run

W\_Switch>enable

W\_Switch#config terminal

W\_Switch(config)#interface vlan1

W\_Switch(config-if)#ip address 192.168.1.2 255.255.255.0

W\_Switch(config-if)#no shutdown

W\_Switch(config-if)#end

W\_Switch>enable

W\_Switch#config terminal

W\_Switch(config)#ip default-gateway 192.168.1.1

W\_Switch(config)#exit

W\_Switch#show run

W\_Switch>enable

W\_Switch#config term

W\_Switch(config)#interface f0/2

W\_Switch(config-if)#speed 10

W\_Switch(config-if)#duplex half

W\_Switch(config-if)#description connection to W\_Host1

W\_Switch>enable

W\_Switch#config term

W\_Switch(config)#interface f0/2

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#switchport port-security

W\_Switch(config-if)#switchport port-security mac-address 00e0.a34a

W\_Switch(config-if)#switchport port-security mac-address sticky

W\_Switch(config-if)#switchport port-security maximum 1

W\_Switch(config-if)#switchport port-security violation shutdown

W\_Switch#show port-security address

W\_Switch#show port-security interface fa0/2

W\_Switch(config)#vlan 10

W\_Switch(config-vlan)#name Admin

W\_Switch(config-vlan)#exit

W\_Switch(config)#vlan 20

W\_Switch(config-vlan)#name Payroll

W\_Switch(config-vlan)#exit

W\_Switch(config)#vlan 30

W\_Switch(config-vlan)#name Research

W\_Switch(config-vlan)#exit

W\_Switch(config)#vlan 100

W\_Switch(config-vlan)#name Wireless Hosts

W\_Switch(config-vlan)#ctrl + Z

W\_Switch#show vlan brief

W\_Switch(config)#interface fa0/3

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#switchport access vlan 10

W\_Switch(config-if)#exit

W\_Switch(config)#interface fa0/2

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#switchport access vlan 20

W\_Switch(config-if)#exit

W\_Switch(config)#interface range fa0/5-9

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#switchport access vlan 30

W\_Switch(config-if)#exit

W\_Switch(config)#interface range fa0/10-21

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#switchport access vlan 100

W\_Switch(config-if)#exit

W\_Switch#show vlan brief

W\_Switch(config)#interface fa0/21

W\_Switch(config-if)#switchport mode access

W\_Switch(config-if)#no switchport access vlan 100

W\_Switch(config-if)#ctrl + z

W\_Switch#show vlan brief

W\_Switch(config)#interface fa0/24

W\_Switch(config-if)#switchport mode trunk

W\_Switch(config-if)#exit

W\_Switch#show vlan brief

W\_Switch#show interfaces trunk

W\_Switch#show running-config

W\_Switch#show run

W\_Switch #copy running-configuration startup-configuration

W\_Switch #copy run start

W\_Switch#show running-config

W\_Switch#show run

W\_Switch #copy run start

W\_Switch#show flash

W\_Switch#show version

W\_Switch#erase startup-config.

W\_Switch# delete flash:vlan.dat

W\_Switch# reload