

#name-sw

enable

config t

ip domain-name cisco.com

username Admin password letmein

crypto key generate rsa

1024

ip ssh version 2

ip ssh authentication-retries 2

ip ssh time-out

60

service password-encryption

line vty 0 15

login local

transport input ssh

exit

vlan 15

name Services

vlan 30

name Pcs

vlan 45

name Native

vlan 60

name Management

exit

int vlan 40

ip addres 10.10.10.146 255.255.255.240

no sh

exit

ip default-gateaway 10.10.10.145

exit

config

int range fa0/11-20

switchport mode access

switchport acces vlan 15

int range fa0/1-10

switchport mode access

switchport access vlan 30

int g0/1

switchport mode trunk

switchport trunk native vlan 45

int f0/1

switchport port-security maximum 2

switchport port-security mac-address sticky

switchport port-security violation ?

switchport port-security violation restrict

exit

int range fa0/11, fa0/1, g0/1

shutdown

no shutdown

int range fa0/2-10, fa0/12-24, g0/2

shutdown

#name

enable

config

int g0/0.15

encapsulation dot1Q 15

ip address 10.10.10.161 255.255.255.224

int g0/0.30

encapsulation dot1Q 30

ip address 10.10.10.193 255.255.255.192

int g0/0.45

encapsulation dot1Q 45 NAtive

ip address 10.10.10.129 255.255.255.240

int g0/0.60

encapsulation dot1Q 60

ip address 10.10.10.145 255.255.255.240

int g0/0.45

encapsulation dot1Q 45 native

exit

int g0/0

no sh

#name

exit

ip dhcp pool LAN

network 10.10.10.192 255.255.255.192

default-router 10.10.10.193

exit

router ospf 1

router id 1.1.1.1

network 10.10.10.0 0.0.0.255 area 0

passive-interface g0/0.15

passive-interface g0/0.30

passive-interface g0/0.45

passive-interface g0/0.60

passive-interface s0/1/0

exit

ip route 0.0.0.0 0.0.0.0 s0/1/0

router ospf 1

default-information originate

exit

access-list 1 permit 10.10.10.0 0.0.0.255

ip nat inside source static 10.10.10.162 198.133.219.130

ip nat pool INTERNET 198.133.219.128 198.133.219.129 netmask 255.255.255.252

ip nat inside source list 1 pool INTERNET overload

int g0/0.15

ip nat inside

int g0/0.30

ip nat inside

int g0/0.45

ip nat inside

int g0/0.60

ip nat inside

int s0/0/0

ip nat inside

int s0/1/0

ip nat outside

end

verify DHCP pc sw-name

#name

enab

config t

router ospf 1

no passive-interface g0/0.15

no passive-interface g0/0.30

no passive-interface g0/0.45

no passive-interface g0/0.60

passive-interface g0/0