Fw0

no service timestamps log datetime msec

no service timestamps debug datetime msec

service password-encryption

!

hostname Customer

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

!

username administrator password 7 0832494D1B1C11

!

!

!

!

!

!

!

!

ip ssh version 2

!

!

!

!

!

!

!

!

interface Loopback0

ip address 192.168.100.2 255.255.255.255

!

interface FastEthernet0/0

ip address dhcp

ip nat outside

duplex auto

speed auto

!

interface FastEthernet0/1

ip address 192.168.90.250 255.255.255.0

ip nat inside

duplex auto

speed auto

!

router ospf 1

log-adjacency-changes

network 192.168.100.2 0.0.0.0 area 100

network 192.168.90.0 0.0.0.255 area 100

network 172.18.0.0 0.0.0.255 area 100

default-information originate

!

ip nat pool public\_access 172.18.0.1 172.18.0.254 netmask 255.255.255.0

ip nat inside source list 1 pool public\_access overload

ip classless

!

ip flow-export version 9

!

!

access-list 1 permit 192.168.90.0 0.0.0.255

access-list 1 permit 192.168.12.0 0.0.0.255

access-list 1 permit 192.168.11.0 0.0.0.255

access-list 1 permit 192.168.10.0 0.0.0.255

access-list 1 permit 192.168.99.0 0.0.0.255

!

banner motd ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

fw0

Authorized Access ONLY

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

^C

!

!

!

!

!

line con 0

!

line aux 0

!

line vty 0

login local

transport input ssh

line vty 1 4

login

!

!

!

End

Sw0

no service timestamps log datetime msec

no service timestamps debug datetime msec

service password-encryption

!

hostname sw0

!

!

!

ip dhcp excluded-address 192.168.12.1 192.168.12.100

ip dhcp excluded-address 192.168.11.1 192.168.11.100

ip dhcp excluded-address 192.168.10.1 192.168.10.100

ip dhcp excluded-address 192.168.99.1 192.168.99.100

!

ip dhcp pool VLAN12

network 192.168.12.0 255.255.255.0

default-router 192.168.12.254

ip dhcp pool VLAN11

network 192.168.11.0 255.255.255.0

default-router 192.168.11.254

ip dhcp pool VLAN10

network 192.168.10.0 255.255.255.0

default-router 192.168.10.254

ip dhcp pool VLAN99

network 192.168.99.0 255.255.255.0

default-router 192.168.99.254

!

!

ip routing

!

!

!

!

username administrator password 7 0832494D1B1C11

!

!

!

!

!

!

!

!

!

ip ssh version 2

ip domain-name acme.ca

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface Loopback0

ip address 192.168.100.1 255.255.255.255

!

interface FastEthernet0/1

!

interface FastEthernet0/2

!

interface FastEthernet0/3

!

interface FastEthernet0/4

!

interface FastEthernet0/5

!

interface FastEthernet0/6

!

interface FastEthernet0/7

!

interface FastEthernet0/8

!

interface FastEthernet0/9

!

interface FastEthernet0/10

!

interface FastEthernet0/11

!

interface FastEthernet0/12

!

interface FastEthernet0/13

!

interface FastEthernet0/14

!

interface FastEthernet0/15

!

interface FastEthernet0/16

!

interface FastEthernet0/17

!

interface FastEthernet0/18

!

interface FastEthernet0/19

!

interface FastEthernet0/20

switchport access vlan 99

switchport mode access

switchport nonegotiate

!

interface FastEthernet0/21

switchport access vlan 10

switchport mode access

switchport nonegotiate

!

interface FastEthernet0/22

switchport access vlan 11

switchport mode access

switchport nonegotiate

!

interface FastEthernet0/23

switchport access vlan 12

switchport mode access

switchport nonegotiate

!

interface FastEthernet0/24

switchport access vlan 90

switchport mode access

switchport nonegotiate

!

interface GigabitEthernet0/1

!

interface GigabitEthernet0/2

!

interface Vlan1

no ip address

shutdown

!

interface Vlan10

mac-address 0001.97c5.5701

ip address 192.168.10.254 255.255.255.0

!

interface Vlan11

mac-address 0001.97c5.5702

ip address 192.168.11.254 255.255.255.0

!

interface Vlan12

mac-address 0001.97c5.5703

ip address 192.168.12.254 255.255.255.0

!

interface Vlan90

mac-address 0001.97c5.5704

ip address 192.168.90.254 255.255.255.0

!

interface Vlan99

mac-address 0001.97c5.5705

ip address 192.168.99.254 255.255.255.0

!

router ospf 1

log-adjacency-changes

network 192.168.100.1 0.0.0.0 area 100

network 192.168.99.0 0.0.0.255 area 100

network 192.168.10.0 0.0.0.255 area 100

network 192.168.11.0 0.0.0.255 area 100

network 192.168.12.0 0.0.0.255 area 100

network 192.168.90.0 0.0.0.255 area 100

!

ip classless

!

ip flow-export version 9

!

!

!

banner motd ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

sw0

Authorized Access ONLY

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

^C

!

!

!

!

!

line con 0

!

line aux 0

!

line vty 0

login local

transport input ssh

line vty 1 4

login

!

!

!

!

End

* The devices in the purple cloud (ISP) were preconfigured for the assignment.