

3560: show run

f1-3560#sho run
Building configuration...

Current configuration : 5947 bytes
!
version 12.2(37)SE1
service timestamps log datetime msec
service timestamps debug datetime msec
service password-encryption
!
hostname f1-3560
!
enable secret 5
\$1\$mERr\$felA4zVH/dCPHiXNOJ8qN1

aaa new-model

!
aaa authentication login SSH-AUTH
group tacacs+ local

ip routing

!
username student secret 5
\$1\$mERr\$thNExaS9A9yumbJp.5HSD/

ip ssh version 2
ip domain-name eaker.af.mil

spanning-tree mode pvst
spanning-tree vlan 5,130-133 priority
12288
spanning-tree vlan 134-135 priority
16384

interface FastEthernet0/1
switchport trunk native vlan 5
switchport trunk allowed vlan 1-999
switchport trunk encapsulation dot1q
switchport mode trunk
switchport nonegotiate

interface FastEthernet0/2
switchport access vlan 99
switchport mode access
switchport nonegotiate
shutdown

interface GigabitEthernet0/1
no switchport
ip address 172.29.255.2
255.255.255.252
ip access-group 187 in
duplex auto
speed auto

interface GigabitEthernet0/2
switchport access vlan 99
switchport mode access
switchport nonegotiate
shutdown

AAA

TACACS Key at bottom

IP Routing

Must be on!

Domain

STP

Trunk

Dark Switchport

Routing Port

Unused Gi Port

2960: show run

f1-2960#sho run
Building configuration...

Current configuration : 3494 bytes
!
version 12.2
service timestamps log datetime msec
service timestamps debug datetime msec
service password-encryption
!
hostname f1-2960
!
enable secret 5
\$1\$mERr\$felA4zVH/dCPHiXNOJ8qN1
!
ip ssh version 2
ip domain-name eaker.af.mil

username student secret 5
\$1\$mERr\$thNExaS9A9yumbJp.5HSD/

spanning-tree mode pvst
spanning-tree extend system-id

interface FastEthernet0/1
switchport access vlan 132
switchport mode access
switchport port-security
switchport port-security maximum 10
switchport port-security mac-address
sticky
switchport port-security mac-address
sticky 0002.1742.B36D

interface FastEthernet0/3
switchport access vlan 99
switchport mode access
shutdown

interface FastEthernet0/10
switchport trunk native vlan 5
switchport trunk allowed vlan 1-999
switchport mode trunk
switchport nonegotiate

interface GigabitEthernet0/1
switchport access vlan 99
switchport mode access
shutdown

Domain

STP

Switchport & Port-security

Trunk

Unused Gi Port

3560 continued

```
interface Vlan1
no ip address
shutdown
```

VLAN 1: Must be present

```
interface Vlan5
mac-address 0001.42e0.1601
ip address 192.168.0.1 255.255.0.0
```

Management VLAN

```
interface Vlan130
mac-address 0001.42e0.1602
ip address 172.29.0.2 255.255.252.0
ip helper-address 172.29.8.126
standby 130 ip 172.29.0.1
standby 130 priority 150
standby 130 preempt
```

VLAN
IP Helper
Priority HSRP

```
interface Vlan134
mac-address 0001.42e0.1606
ip address 172.29.8.2 255.255.255.128
ip helper-address 172.29.8.126
standby 134 ip 172.29.8.1
```

VLAN Standby HSRP

```
router eigrp 75
network 172.29.8.0 0.0.0.127
network 172.29.8.128 0.0.0.7
network 172.29.255.0 0.0.0.3
no auto-summary
```

EIGRP

```
router ospf 1
log-adjacency-changes
network 172.29.6.0 0.0.0.255 area 2
network 172.29.7.0 0.0.0.255 area 2
network 172.29.255.0 0.0.0.3 area 2
```

OSPF

```
ip classless
ip route 0.0.0.0 0.0.0.0 172.29.255.1
```

Static Route

ip flow-export version 9

```
access-list 187 permit icmp any any
access-list 187 permit ospf any any
access-list 187 permit eigrp any any
access-list 187 permit tcp any any
access-list 187 permit udp any any
access-list 187 permit ip any any
access-list 13 permit any
```

ACL

```
tacacs-server host 172.29.8.126 key
tacacskey
```

TACACS Key

```
line con 0
exec-timeout 10000 0
logging synchronous
login authentication SSH-AUTH
```

Cons Config

line aux 0

```
line vty 0 4
access-class 13 in
exec-timeout 10000 0
logging synchronous
login authentication SSH-AUTH
transport input ssh
```

VTY (SSH) Config

end

2960 continued

```
interface Vlan1
no ip address
shutdown
```

```
interface Vlan5
mac-address 0007.ece6.ac01
ip address 192.168.0.3 255.255.0.0
```

```
access-list 13 permit any
```

```
line con 0
logging synchronous
login local
exec-timeout 10000 0
```

```
line vty 0 4
access-class 13 in
exec-timeout 10000 0
logging synchronous
login local
transport input ssh
```

```
line vty 5 15
no login
```

```

!
!
!
!
end

```

Cons Config

VTY (SSH) Config