CCNA Exploration 4.0: ESwitching Basic Switching / Wireless PT Practice SBA

Switch S1

```
S1#sh ru
Building configuration...

Current configuration : 1639 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S1
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
spanning-tree mode pvst
spanning-tree vlan 1-80 priority 12288
!
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
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/20
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/21
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/22
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/23
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/24
 switchport trunk native vlan 55
 switchport mode trunk
!
interface GigabitEthernet1/1
!
interface GigabitEthernet1/2
!
interface Vlan1
 no ip address
 shutdown
!
interface Vlan55
 ip address 10.10.55.11 255.255.255.0
!
ip default-gateway 10.10.55.1
!
banner motd ^CAuthorized Access Only!^C
!
line con 0
 password cisco
 login
!
line vty 0 4
 password cisco
 login
line vty 5 15
 password cisco
 login
!
!
end


S1#
```

Switch S2

```
S2#
S2#sh ru
Building configuration...

Current configuration : 2506 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S2
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
spanning-tree mode pvst
spanning-tree vlan 1-80 priority 16384
!
interface FastEthernet0/1
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/2
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/3
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/4
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/5
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/6
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/7
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/8
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/9
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/10
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/11
 switchport access vlan 50
```

```
 switchport mode access
!
interface FastEthernet0/12
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/13
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/14
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/15
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/16
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/17
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/18
!
interface FastEthernet0/19
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/20
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/21
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/22
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/23
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/24
 switchport trunk native vlan 55
 switchport mode trunk
!
interface GigabitEthernet1/1
!
interface GigabitEthernet1/2
!
interface Vlan1
 no ip address
 shutdown
!
interface Vlan55
 ip address 10.10.55.12 255.255.255.0
!
ip default-gateway 10.10.55.1
!
banner motd ^CAuthorized Access Only!^C
```

```
!
line con 0
 password cisco
 login
!
line vty 0 4
 password cisco
 login
line vty 5 15
 password cisco
 login
!
!
end


S2#
```

Switch S3

```
S3#sh ru
Building configuration...

Current configuration : 2686 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname S3
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
spanning-tree mode pvst
!
interface FastEthernet0/1
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/2
 switchport access vlan 40
 switchport mode access
 switchport port-security
 switchport port-security maximum 2
 switchport port-security mac-address sticky
 switchport port-security mac-address sticky 0050.0FDE.754B
!
interface FastEthernet0/3
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/4
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/5
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/6
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/7
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/8
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/9
 switchport access vlan 40
 switchport mode access
!
interface FastEthernet0/10
 switchport access vlan 40
 switchport mode access
!
```

```
interface FastEthernet0/11
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/12
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/13
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/14
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/15
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/16
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/17
 switchport access vlan 50
 switchport mode access
!
interface FastEthernet0/18
 switchport access vlan 80
 switchport mode access
!
interface FastEthernet0/19
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/20
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/21
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/22
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/23
 switchport trunk native vlan 55
 switchport mode trunk
!
interface FastEthernet0/24
 switchport trunk native vlan 55
 switchport mode trunk
!
interface GigabitEthernet1/1
!
interface GigabitEthernet1/2
!
interface Vlan1
 no ip address
 shutdown
!
interface Vlan55
 ip address 10.10.55.13 255.255.255.0
```

```
!
ip default-gateway 10.10.55.1
!
banner motd ^CAuthorized Access Only!^C
!
line con 0
 password cisco
 login
!
line vty 0 4
 password cisco
 login
line vty 5 15
 password cisco
 login
!
!
end


S3#
```

Router BRANCH

```
Branch#sh ru
Building configuration...

Current configuration : 1034 bytes
!
version 12.4
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Branch
!
!
!
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
!
!
!
!
!
!
!
!
!
!
ip ssh version 1
!
!
spanning-tree mode pvst
!
!
!
!
interface FastEthernet0/0
 no ip address
 duplex auto
 speed auto
!
interface FastEthernet0/0.40
 encapsulation dot1Q 40
 ip address 10.10.40.1 255.255.255.0
!
interface FastEthernet0/0.50
 encapsulation dot1Q 50
 ip address 10.10.50.1 255.255.255.0
!
interface FastEthernet0/0.55
 encapsulation dot1Q 55 native
 ip address 10.10.55.1 255.255.255.0
!
interface FastEthernet0/0.80
 encapsulation dot1Q 80
 ip address 10.10.80.1 255.255.255.0
!
interface FastEthernet0/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Vlan1
 no ip address
 shutdown
```

```
!
ip classless
!
!
!
banner motd ^CAuthorized Access Only!^C
!
!
!
!
line con 0
 password cisco
 login
!
line aux 0
!
line vty 0 4
 password cisco
 login
line vty 5 15
 password cisco
 login
!
!
!
end


Branch#
```