

Configuración de switches L2

Isla 1

```
Switch#show running-config
Building configuration...
Current configuration : 2122 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/2
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/5
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/6
```

```
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 110
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
```

```
!  
interface FastEthernet0/19  
switchport mode dynamic auto  
!  
interface FastEthernet0/20  
switchport mode dynamic auto  
!  
interface FastEthernet0/21  
switchport mode dynamic auto  
!  
interface FastEthernet0/22  
switchport mode dynamic auto  
!  
interface FastEthernet0/23  
switchport mode dynamic auto  
!  
interface FastEthernet0/24  
switchport mode dynamic auto  
!  
interface GigabitEthernet0/1  
switchport trunk allowed vlan 110  
switchport mode trunk  
!  
interface GigabitEthernet0/2  
!  
interface Vlan1  
no ip address  
shutdown  
!  
!  
!  
!  
line con 0  
!  
line vty 0 4  
login  
line vty 5 15  
login  
!  
!  
!  
!  
end
```

Isla 2

```
Switch#show running-config
Building configuration...
Current configuration : 2122 bytes
!
version 12.1
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
switchport access vlan 120
switchport mode access
!
interface FastEthernet0/2
switchport access vlan 120
switchport mode access
!
interface FastEthernet0/3
switchport access vlan 120
switchport mode access
!
interface FastEthernet0/4
switchport access vlan 120
switchport mode access
!
interface FastEthernet0/5
switchport access vlan 120
switchport mode access
!
interface FastEthernet0/6
switchport access vlan 120
switchport mode access
```

```
!  
interface FastEthernet0/7  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/8  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/9  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/10  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/11  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/12  
switchport access vlan 120  
switchport mode access  
!  
interface FastEthernet0/13  
switchport mode dynamic auto  
!  
interface FastEthernet0/14  
switchport mode dynamic auto  
!  
interface FastEthernet0/15  
switchport mode dynamic auto  
!  
interface FastEthernet0/16  
switchport mode dynamic auto  
!  
interface FastEthernet0/17  
switchport mode dynamic auto  
!  
interface FastEthernet0/18  
switchport mode dynamic auto  
!  
interface FastEthernet0/19
```

```
switchport mode dynamic auto
!
interface FastEthernet0/20
switchport mode dynamic auto
!
interface FastEthernet0/21
switchport mode dynamic auto
!
interface FastEthernet0/22
switchport mode dynamic auto
!
interface FastEthernet0/23
switchport mode dynamic auto
!
interface FastEthernet0/24
switchport mode dynamic auto
!
interface GigabitEthernet0/1
switchport trunk allowed vlan 120
switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
no ip address
shutdown
!
!
!
!
line con 0
!
line vty 0 4
login
line vty 5 15
login
!
!
!
!
end
```

Isla 3

Switch#show running-config
Building configuration...

Current configuration : 2087 bytes

```
!  
version 12.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname Switch  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 130  
  switchport mode access  
!  
interface FastEthernet0/2  
  switchport access vlan 130  
  switchport mode access  
!  
interface FastEthernet0/3  
  switchport access vlan 130  
  switchport mode access  
!  
interface FastEthernet0/4  
  switchport access vlan 130  
  switchport mode access  
!  
interface FastEthernet0/5  
  switchport access vlan 130  
  switchport mode access  
!  
interface FastEthernet0/6  
  switchport access vlan 130
```

```
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 130
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
!
```



```
interface FastEthernet0/19
  switchport mode dynamic auto
!
interface FastEthernet0/20
  switchport mode dynamic auto
!
interface FastEthernet0/21
  switchport mode dynamic auto
!
interface FastEthernet0/22
  switchport mode dynamic auto
!
interface FastEthernet0/23
  switchport mode dynamic auto
!
interface FastEthernet0/24
  switchport mode dynamic auto
!
interface GigabitEthernet0/1
  switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

Isla 4

Switch#show running-config
Building configuration...

Current configuration : 2087 bytes

```
!  
version 12.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname Switch  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
  switchport access vlan 140  
  switchport mode access  
!  
interface FastEthernet0/2  
  switchport access vlan 140  
  switchport mode access  
!  
interface FastEthernet0/3  
  switchport access vlan 140  
  switchport mode access  
!  
interface FastEthernet0/4  
  switchport access vlan 140  
  switchport mode access  
!  
interface FastEthernet0/5  
  switchport access vlan 140  
  switchport mode access  
!  
interface FastEthernet0/6  
  switchport access vlan 140
```

```
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 140
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
!
```

```
interface FastEthernet0/19
  switchport mode dynamic auto
!
interface FastEthernet0/20
  switchport mode dynamic auto
!
interface FastEthernet0/21
  switchport mode dynamic auto
!
interface FastEthernet0/22
  switchport mode dynamic auto
!
interface FastEthernet0/23
  switchport mode dynamic auto
!
interface FastEthernet0/24
  switchport mode dynamic auto
!
interface GigabitEthernet0/1
  switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

Isla 5

Switch#show running-config
Building configuration...

Current configuration : 2087 bytes

```
!  
version 12.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname Switch  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
    switchport access vlan 150  
    switchport mode access  
!  
interface FastEthernet0/2  
    switchport access vlan 150  
    switchport mode access  
!  
interface FastEthernet0/3  
    switchport access vlan 150  
    switchport mode access  
!  
interface FastEthernet0/4  
    switchport access vlan 150  
    switchport mode access  
!  
interface FastEthernet0/5  
    switchport access vlan 150  
    switchport mode access  
!  
interface FastEthernet0/6  
    switchport access vlan 150
```

```
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 150
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
!
```

```
interface FastEthernet0/19
  switchport mode dynamic auto
!
interface FastEthernet0/20
  switchport mode dynamic auto
!
interface FastEthernet0/21
  switchport mode dynamic auto
!
interface FastEthernet0/22
  switchport mode dynamic auto
!
interface FastEthernet0/23
  switchport mode dynamic auto
!
interface FastEthernet0/24
  switchport mode dynamic auto
!
interface GigabitEthernet0/1
  switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

Isla 6

Switch#show running-config
Building configuration...

Current configuration : 2087 bytes

```
!  
version 12.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname Switch  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
    switchport access vlan 160  
    switchport mode access  
!  
interface FastEthernet0/2  
    switchport access vlan 160  
    switchport mode access  
!  
interface FastEthernet0/3  
    switchport access vlan 160  
    switchport mode access  
!  
interface FastEthernet0/4  
    switchport access vlan 160  
    switchport mode access  
!  
interface FastEthernet0/5  
    switchport access vlan 160  
    switchport mode access  
!  
interface FastEthernet0/6  
    switchport access vlan 160
```



```
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 160
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
!
```

```
interface FastEthernet0/19
  switchport mode dynamic auto
!
interface FastEthernet0/20
  switchport mode dynamic auto
!
interface FastEthernet0/21
  switchport mode dynamic auto
!
interface FastEthernet0/22
  switchport mode dynamic auto
!
interface FastEthernet0/23
  switchport mode dynamic auto
!
interface FastEthernet0/24
  switchport mode dynamic auto
!
interface GigabitEthernet0/1
  switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```

Isla Profes

Switch#show running-config
Building configuration...

Current configuration : 2075 bytes

```
!  
version 12.1  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
no service password-encryption  
!  
hostname Switch  
!  
!  
!  
!  
!  
!  
spanning-tree mode pvst  
spanning-tree extend system-id  
!  
interface FastEthernet0/1  
    switchport access vlan 99  
    switchport mode access  
!  
interface FastEthernet0/2  
    switchport access vlan 99  
    switchport mode access  
!  
interface FastEthernet0/3  
    switchport access vlan 99  
    switchport mode access  
!  
interface FastEthernet0/4  
    switchport access vlan 99  
    switchport mode access  
!  
interface FastEthernet0/5  
    switchport access vlan 99  
    switchport mode access  
!  
interface FastEthernet0/6  
    switchport access vlan 99
```

```
switchport mode access
!
interface FastEthernet0/7
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/8
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/9
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/10
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/11
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/12
switchport access vlan 99
switchport mode access
!
interface FastEthernet0/13
switchport mode dynamic auto
!
interface FastEthernet0/14
switchport mode dynamic auto
!
interface FastEthernet0/15
switchport mode dynamic auto
!
interface FastEthernet0/16
switchport mode dynamic auto
!
interface FastEthernet0/17
switchport mode dynamic auto
!
interface FastEthernet0/18
switchport mode dynamic auto
!
```

```
interface FastEthernet0/19
  switchport mode dynamic auto
!
interface FastEthernet0/20
  switchport mode dynamic auto
!
interface FastEthernet0/21
  switchport mode dynamic auto
!
interface FastEthernet0/22
  switchport mode dynamic auto
!
interface FastEthernet0/23
  switchport mode dynamic auto
!
interface FastEthernet0/24
  switchport mode dynamic auto
!
interface GigabitEthernet0/1
  switchport mode trunk
!
interface GigabitEthernet0/2
!
interface Vlan1
  no ip address
  shutdown
!
!
!
!
line con 0
!
line vty 0 4
  login
line vty 5 15
  login
!
!
!
!
end
```