UNIVERSIDAD AUTÓNOMA DE CHIAPAS

Facultad de Contaduría y Administración Campus

Nombre: Jesús Iker Fernández Constantino

Docente: Dr. Gutiérrez Alfaro Luis

Materia: Conmutadores Y Redes Inalámbricas

Tema: Configuración de Vlans

Grado y Grupo: "7-M"

Fecha: 23/08/2024

```
Switch>ena
Switch#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#vlan 10
Switch(config-vlan)#name vlan 10S1
                        ^
% Invalid input detected at '^' marker.

Switch(config-vlan)#name vlan10S1
Switch(config-vlan)#exit
Switch(config)#vlan 20
Switch(config-vlan)#name vlan20S1
Switch(config-vlan)#exit
Switch(config)#vlan 30
Switch(config-vlan)#name vlan30S1
Switch(config-vlan)#exit
Switch(config)#do wr
Building configuration...
[OK]
```

```
Switch>ena

Switch#conf t

Enter configuration commands, one per line.  End with CNTL/Z.

Switch(config)#vlan 10

Switch(config-vlan)#name vlanS2

Switch(config-vlan)#exit

Switch(config)#vlan 20

Switch(config-vlan)#name vlan20S2

Switch(config-vlan)#exit

Switch(config)#vlan 30

Switch(config-vlan)#name vlan30S2

Switch(config-vlan)#exit

Switch(config)#do wr

Building configuration...

[OK]




Switch>ena
```

```
Switch#conf t

Enter configuration commands, one per line.  End with CNTL/Z.

Switch(config)#hostname SP

SP(config)#vlan 10

SP(config-vlan)#name vlan10SP

SP(config-vlan)#exit

SP(config)#vlan 20

SP(config-vlan)#name vlan20SP

SP(config-vlan)#exit

SP(config)#vlan 30

SP(config-vlan)#name vlan30SP

SP(config-vlan)#exit

SP(config)#int range f0/1-3

SP(config-if-range)#switchport mode trunk


SP(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/2, changed state to down


%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/2, changed state to up


%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/3, changed state to down


%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/3, changed state to up
```

Switch(config)#hostname S1

S1(config)#int f0/1

S1(config-if)#switchport mode trunk

S1(config-if)#switchport trunk allowed vlan 10,20,30

S1(config-if)#

Switch(config)#hostname S2

S2(config)#inter f0/1

S2(config-if)#switchport mode trunk

S2(config-if)#

S2(config-if)#Switch(config)#hostname S1

        ^

% Invalid input detected at '^' marker.

S2(config-if)#S1(config)#int f0/1

        ^

% Invalid input detected at '^' marker.

S2(config-if)#S1(config-if)#switchport mode trunk

        ^

% Invalid input detected at '^' marker.

S2(config-if)#S1(config-if)#switchport trunk allowed vlan 10,20,30

        ^

% Invalid input detected at '^' marker.

S2(config-if)#S1(config-if)#exit

        ^

% Invalid input detected at '^' marker.

S2(config-if)#switchport mode trunk

S2(config-if)#switchport trunk allowed vlan 10,20,30

S2(config-if)#

```
S1>ena
S1#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#inter f0/2
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 10
S1(config-if)#inter f0/3
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 20^Z
S1#
%SYS-5-CONFIG_I: Configured from console by console
^Z
S1#ena
S1#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#inter f0/10
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 20
S1(config-if)#inter f0/20
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 30
S1(config-if)#exit
S1(config)#do wr
Building configuration...
[OK]
S1(config)#




S2>ena
```

```
S2#conf t

Enter configuration commands, one per line.  End with CNTL/Z.

S2(config)#inter fa0/2

S2(config-if)#switchport mode access

S2(config-if)#switchport access vlan 10

S2(config-if)#inter fa0/10

S2(config-if)#switchport mode access

S2(config-if)#switchport access vlan 20

S2(config-if)#inter fa0/20

S2(config-if)#switchport mode access

S2(config-if)#switchport access vlan 30

S2(config-if)#exit

S2(config)#do wr

Building configuration...

[OK]

S2(config)#
```

```
S2#conf t

Enter configuration commands, one per line.  End with CNTL/Z.

S2(config)#inter fa0/2
```

```
Router>ena

Router#conf t
```

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#hostname iker

iker(config)#inter f0/0.1

iker(config-subif)#encapsulation dot1q 10

iker(config-subif)#ip address 172.17.42.1 255.255.255.0

iker(config-subif)#no shutdown

iker(config-subif)#

iker(config-subif)#inter f0/0.2

iker(config-subif)#encapsulation dot1q 20

iker(config-subif)#ip address 172.17.43.1 255.255.255.0

iker(config-subif)#no shutdown

iker(config-subif)#

iker(config-subif)#inter f0/0.3

iker(config-subif)#encapsulation dot1q 30

iker(config-subif)#ip address 172.17.44.1 255.255.255.0

iker(config-subif)#no shutdown

iker(config-subif)#

iker(config-subif)#inter f0/0

iker(config-if)#no shutdown

iker(config-if)#

%LINK-5-CHANGED: Interface FastEthernet…

[7:24 p.m., 23/8/2024] Chalino: iker(config-if)#ip dhcp pool DHCP42

iker(dhcp-config)#network 172.17.42.0 255.255.255.0

iker(dhcp-config)#default-router 172.17.42.1

iker(dhcp-config)#exit

iker(config)#ip dhcp pool DHCP43

iker(dhcp-config)#network 172.17.43.0 255.255.255.0

iker(dhcp-config)#default-router 172.17.43.1

iker(dhcp-config)#exit

iker(config)#ip dhcp pool DHCP44

iker(dhcp-config)#network 172.17.44.0 255.255.255.0

iker(dhcp-config)#default-router 172.17.44.1

iker(dhcp-config)#exit

iker(config)#end

iker#

%SYS-5-CONFIG_I: Configured from console by console

iker#wr

Building configuration...

[OK]

iker#