

Link al repositorio de github:

<https://github.com/Daniel-Alcazar/Conmutadores-Y-Redes-Inal-mbricas.git>

Configuración del Switch y Router:

-----Switch01_DAPA-----

Switch>ena

Switch#conf t

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

Switch(config)#hostname Switch01_DAPA

Switch01_DAPA(config)#vlan 10

Switch01_DAPA(config-vlan)#name VLAN10

Switch01_DAPA(config-vlan)#exit

Switch01_DAPA(config)#vlan 20

Switch01_DAPA(config-vlan)#name VLAN20

Switch01_DAPA(config-vlan)#exit

Switch01_DAPA(config)#vlan 30

Switch01_DAPA(config-vlan)#name VLAN30

Switch01_DAPA(config-vlan)#exit

Switch01_DAPA(config)#exit

Switch01_DAPA#

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

Switch01_DAPA#wr

Building configuration...

[OK]

Switch01_DAPA#conf t

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

Switch01_DAPA(config)#interface range fa0/1-2

Switch01_DAPA(config-if-range)#switchport mode access

Switch01_DAPA(config-if-range)#switchport access vlan 10

Switch01_DAPA(config-if-range)#exit

Switch01_DAPA(config)#interface range fa0/3-4

Switch01_DAPA(config-if-range)#switchport mode access

Switch01_DAPA(config-if-range)#switchport access vlan 20

Switch01_DAPA(config-if-range)#exit

Switch01_DAPA(config)#interface range fa0/5-6

Switch01_DAPA(config-if-range)#switchport mode access

Switch01_DAPA(config-if-range)#switchport access vlan 30

Switch01_DAPA(config-if-range)#exit

Switch01_DAPA(config)#do wr

Building configuration...

[OK]

Switch01_DAPA(config)#interface vlan 10

Switch01_DAPA(config-if)#

%LINK-5-CHANGED: Interface Vlan10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to up

Switch01_DAPA(config-if)#ip address 192.168.72.1 255.255.255.0

Switch01_DAPA(config-if)#no shutdown

Switch01_DAPA(config-if)#exit

Switch01_DAPA(config)#interface vlan 20

Switch01_DAPA(config-if)#

%LINK-5-CHANGED: Interface Vlan20, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan20, changed state to up

Switch01_DAPA(config-if)#ip address 192.168.73.1 255.255.255.0

Switch01_DAPA(config-if)#no shutdown

Switch01_DAPA(config-if)#exit

Switch01_DAPA(config)#interface vlan 30

Switch01_DAPA(config-if)#

%LINK-5-CHANGED: Interface Vlan30, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan30, changed state to up

Switch01_DAPA(config-if)#ip address 192.168.74.1 255.255.255.0

Switch01_DAPA(config-if)#no shutdown

Switch01_DAPA(config-if)#exit

Switch01_DAPA(config)#exit

Switch01_DAPA#

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

Switch01_DAPA#wr

Building configuration...

[OK]

Switch01_DAPA#conf t

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

Switch01_DAPA(config)#ip dhcp pool VLAN10

Switch01_DAPA(dhcp-config)#network 192.168.72.0 255.255.255.0

Switch01_DAPA(dhcp-config)#default-router 192.168.72.1

Switch01_DAPA(dhcp-config)#dns-server 8.8.8.8

Switch01_DAPA(dhcp-config)#exit

Switch01_DAPA(config)#ip dhcp pool VLAN20

Switch01_DAPA(dhcp-config)#network 192.168.73.0 255.255.255.0

Switch01_DAPA(dhcp-config)#default-router 192.168.73.1

Switch01_DAPA(dhcp-config)#dns-server 8.8.8.8

Switch01_DAPA(dhcp-config)#exit

Switch01_DAPA(config)#ip dhcp pool VLAN30

Switch01_DAPA(dhcp-config)#network 192.168.74.0 255.255.255.0

Switch01_DAPA(dhcp-config)#default-router 192.168.74.1

```
Switch01_DAPA(dhcp-config)#dns-server 8.8.8.8
```

```
Switch01_DAPA(dhcp-config)#exit
```

```
Switch01_DAPA(config)#interface gigabit
```

```
Switch01_DAPA(config)#interface gigabitEthernet 0/1
```

```
Switch01_DAPA(config-if)#switchport mode trunk
```

```
Switch01_DAPA(config-if)#exit
```

```
Switch01_DAPA(config)#exit
```

```
Switch01_DAPA#
```

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

```
Switch01_DAPA#wr
```

```
Building configuration...
```

```
[OK]
```

```
Switch01_DAPA#
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```
-----Router01_DAPA-----  
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```
Router>ena
```

```
Router#conf t
```

```
Enter configuration commands, one per line. End with CNTL/Z.
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```
Router(config)#hostname Router01_DAPA
```

```
Router01_DAPA(config)#interface giga
```

```
Router01_DAPA(config)#interface gigabitEthernet 0/0
```

```
Router01_DAPA(config-if)#interface giga
```

```
Router01_DAPA(config-if)#interface gigabitEthernet 0/0.10
Router01_DAPA(config-subif)#encapsulation dot1Q 10
Router01_DAPA(config-subif)#ip address 192.168.72.1 255.255.255.0
Router01_DAPA(config-subif)#exit
Router01_DAPA(config)#interface gigabitEthernet 0/0.20
Router01_DAPA(config-subif)#encapsulation dot1Q 20
Router01_DAPA(config-subif)#ip address 192.168.73.1 255.255.255.0
Router01_DAPA(config-subif)#exit
Router01_DAPA(config)#interface gigabitEthernet 0/0.30
Router01_DAPA(config-subif)#encapsulation dot1Q 30
Router01_DAPA(config-subif)#ip address 192.168.74.1 255.255.255.0
Router01_DAPA(config-subif)#exit
Router01_DAPA(config)#do wr
Building configuration...
[OK]
Router01_DAPA(config)#interface gigab
Router01_DAPA(config)#interface gigabitEthernet 0/0
Router01_DAPA(config-if)#no sh

Router01_DAPA(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up
Router01_DAPA(config-if)#end
Router01_DAPA#
```

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

Router01_DAPA#wr

Building configuration...

[OK]

Router01_DAPA#