

# Práctica 4 Redes

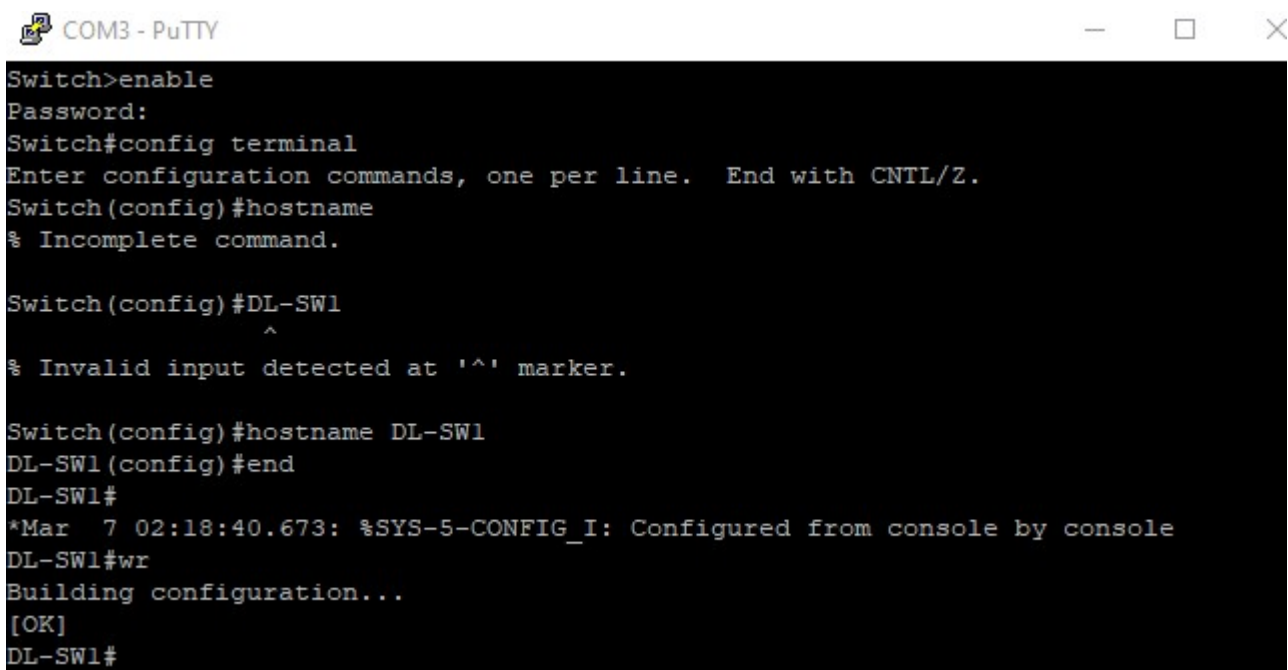
## Switch

1. Hostname
2. Crear la VLAN de gestión: vlan
3. Crear la interfaz virtual de capa 3 para la vlan de gestion: interface vlan
4. Le damos IP a la interface VLAN
5. En AL-SW1 asociamos la VLAN de gestión al puerto G0/1

## Router

### Cambiar Hostname

```
enable
config terminal
hostname nombre_a_poner
end
wr
```



COM3 - PuTTY

```
Switch>enable
Password:
Switch#config terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname
% Incomplete command.

Switch(config)#DL-SW1
      ^
% Invalid input detected at '^' marker.

Switch(config)#hostname DL-SW1
DL-SW1(config)#end
DL-SW1#
*Mar  7 02:18:40.673: %SYS-5-CONFIG_I: Configured from console by console
DL-SW1#wr
Building configuration...
[OK]
DL-SW1#
```

### Configurar VLAN

```
AL-SW1#enable
AL-SW1>enable
Password:
AL-SW1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
AL-SW1(config)#vlan 743
AL-SW1(config-vlan)#name GESTION
AL-SW1(config-vlan)#end
AL-SW1#wr
Building configuration...

*Mar 1 00:47:14.728: %SYS-5-CONFIG_I: Configured from console by console[OK]
AL-SW1#
```

```
AL-SW1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
AL-SW1(config)#interface vlan
% Incomplete command.

AL-SW1(config)#interface vlan 743
AL-SW1(config-if)#
*Mar 1 00:48:06.763: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan743,
hanged state to up
AL-SW1(config-if)#ipadd
AL-SW1(config-if)#ip address 10.3.243.1 255.255.255.0
AL-SW1(config-if)#no shutdown
AL-SW1(config-if)#end
AL-SW1#
*Mar 1 00:49:34.524: %SYS-5-CONFIG_I: Configured from console by console
AL-SW1#
```

```
*Mar 1 00:49:34.524: %SYS-5-CONFIG_I: Configured from console by console
AL-SW1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
AL-SW1(config)#vlan 743
AL-SW1(config-vlan)#interface g0/1
AL-SW1(config-if)#switchport mode access
AL-SW1(config-if)#end
AL-SW1#wr
Building configuration...

*Mar 1 00:52:28.219: %SYS-5-CONFIG_I: Configured from console by console[OK]
AL-SW1#
```

```
enable
configure terminal
vlan 743
name GESTION
end
wr
```

```
enable
configure terminal
vlan 743
interface vlan 743
ip address 10.3.243.1 255.255.255.0
```

```
no shutdown
end
```

```
enable
configure terminal
vlan 743
interface G0/1
switchport mode access
end
wr
```

```
AL-SW1(config)#interface g0/1
AL-SW1(config-if)#sw
AL-SW1(config-if)#switchport a
AL-SW1(config-if)#switchport acc
AL-SW1(config-if)#switchport access vlan 743
AL-SW1(config-if)#end
AL-SW1#
```

## Configurar Telnet

```
AL-SW1#
AL-SW1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
AL-SW1(config)#line vty 0 4
AL-SW1(config-line)#password munics
AL-SW1(config-line)#login
AL-SW1(config-line)#end
AL-SW1#
*Mar  6 23:08:25.950: %SYS-5-CONFIG_I: Configured from console by console
AL-SW1#
```

## Configuración para tener gestión (opcional)

```
AL-SW1(config)#vlan 743
AL-SW1(config-vlan)#interface ran
AL-SW1(config-vlan)#interface range
AL-SW1(config-vlan)#interface range g0/1 - 4
AL-SW1(config-if-range)#sw
AL-SW1(config-if-range)#switchport ac
AL-SW1(config-if-range)#switchport access vlan 743
AL-SW1(config-if-range)#exit
AL-SW1(config)#end
```

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