

```
3 Gigabit Ethernet interfaces
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)

Press RETURN to get started!

Si entras a este equipo sin permisos, caeras preso feamente y Voice y Vladi te bregaran
en el cuarto frio

User Access Verification

Username: kfh
Password:

SD-Dapiato-R1#en
SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#int g0/1
SD-Dapiato-R1(config-if)#desc puerta de enlace predeterminada de la red LAN Dapiato-sd
SD-Dapiato-R1(config-if)#ip add 198.0.2.1 255.255.255.224
SD-Dapiato-R1(config-if)#exit
SD-Dapiato-R1(config)#int g0/1
SD-Dapiato-R1(config-if)#no shut

SD-Dapiato-R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up
SD-Dapiato-R1(config-if)#exit
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#int g0/0
SD-Dapiato-R1(config-if)#desc conexion WAN entre la red Dapiato-SD y el ISP
```

```
SD-Dapiato-R1(config)#int g0/0
SD-Dapiato-R1(config-if)#desc conexion WAN entre la red Dapiato-SD y el ISP Claro
SD-Dapiato-R1(config-if)#ip add 104.97.2.1 255.255.255.252
SD-Dapiato-R1(config-if)#no shut

SD-Dapiato-R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

SD-Dapiato-R1(config-if)#exit
SD-Dapiato-R1(config)#
SD-Dapiato-R1#
%SYS-5-CONFIG_I: Configured from console by console

SD-Dapiato-R1#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#reload
Proceed with reload? (confirm)
System Bootstrap, Version 15.1(4)M4, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 2010 by cisco Systems, Inc.
Total memory size = 512 MB - On-board = 512 MB, DIMM0 = 0 MB
CISCO2911/K9 platform with 524288 Kbytes of main memory
Main memory is configured to 72/-1(On-board/DIMM0) bit mode with ECC disabled

 Readonly ROMMON initialized

program load complete, entry point: 0x80803000, size: 0x1b340
program load complete, entry point: 0x80803000, size: 0x1b340

IOS Image Load Test
-----
Digitally Signed Release Software
program load complete, entry point: 0x81000000, size: 0x3bcd3d0
Self decompressing the image :
##
```

```
!
line vty 0 4
logging synchronous
login local
transport input none
line vty 5 15
logging synchronous
login local
transport input none
!
!
!
end

SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#
SD-Dapiato-R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
SD-Dapiato-R1(config)#serv
SD-Dapiato-R1(config)#service p
SD-Dapiato-R1(config)#service password-encryption
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SD-Dapiato-R1(config)#
SYS-5-CONFIG_I: Configured from console by console
SD-Dapiato-R1#                                     █
SD-Dapiato-R1#
SD-Dapiato-R1#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
SD-Dapiato-R1#
```

```
en
conf t
int g0/1
desc interfaz para conectar la lan dapiato-sd con otras redes
ip add 198.0.2.0 255.255.255.224
no shut
exit
int g0/0
desc conexion WAN entre la red Dapiado-SD y el ISP Claro
ip add 104.97.2.1 255.255.255.252
no shut
exit
ip route 200.0.2.0 255.255.255.224 104.97.2.2
ip route 110.97.2.0 255.255.255.252 104.97.2.2
ip route 50.1.0.0 255.255.255.252 104.97.2.2
ip route 100.5.2.0 255.255.255.252 104.97.2.2
ip route 83.64.3.0 255.255.255.252 104.97.2.2
ip route 63.42.2.0 255.255.255.252 104.97.2.2
ip route 142.250.105.0 255.255.255.0 104.97.2.2
end
copy run start
reload
```

The screenshot shows a Google Meet interface with a terminal window open. The terminal window title is "Get ready: Bloq de notas". The content of the terminal window is as follows:

```
desc descripcion de la conexion
ip add direccion-ip-interfaz mascara-subred
no shut
exit
ip route ip-red-destino mascara-subred-red-destino ip-interfaz-router-vecino
end
copy run start
reload
```

Red Dapiato SD:

```
prefijo de red = /24 => /27
máscara de subred = 255.255.255.0 => 255.255.255.224
cantidad de direcciones ipv4 = 256 => 32
cantidad de equipos = 30
dirección IPv4 de red = 198.0.2.0
dirección IPv4 del broadcast = 198.0.2.31
dirección IPv4 disponibles = 30
dirección IPv4 del router = 198.0.2.1
dirección IPv4 del switch1 = 198.0.2.2
dirección IPv4 del switch2 = 198.0.2.3
dirección IPv4 del server = 198.0.2.4
dirección TPv4 del conector = 198.0.2.5
```

The terminal window has a dark theme and includes a status bar at the bottom with "3:45 PM | xzg-hhnk-ytn". Below the terminal window is a toolbar with various icons. In the top right corner of the screen, there is a green notification bubble from "Jose M. Raphel" with a white letter "J". A watermark for "Activate Windows" is visible in the center of the screen.

The screenshot shows a terminal window with the following command history:

```
en
conf t
int nombre-interfaz
desc descripcion de la conexion
ip add direccion-ip-interfaz mascara-subred
no shut
exit
ip route ip-red-destino mascara-subred-red-destino ip-interfaz-router-vecino
end
copy run start
reload
```

```
en
conf t
int g0/1
desc interfaz para conectar la lan dapiato-sd con otras redes
ip add 198.0.2.0 255.255.255.224
no shut
exit
int g0/0
desc conexion WAN entre la red Dapiado-SD y el ISP Claro
ip add 104.97.2.1 255.255.255.252
no shut
exit
ip route 200.0.2.0 255.255.255.224 104.97.2.2 dapiato-azua
ip route 110.97.2.0 255.255.255.252 104.97.2.2 dapiato-azua - altice
ip route 50.1.0.0 255.255.255.252 104.97.2.2 nap-caribe - claro
...
```

```
en
conf t
int g0/1
desc interfaz para conectar la lan dapiato-sd con otras redes
ip add 198.0.2.0 255.255.255.224
no shut
int g0/0
desc conexion WAN entre la red Dapiado-SD y el ISP Claro
ip add 104.97.2.1 255.255.255.252
no shut
ip route 200.0.2.0 255.255.255.224 104.97.2.2
ip route 110.97.2.0 255.255.255.252 104.97.2.2
ip route 50.1.0.0 255.255.255.252 104.97.2.2
ip route 100.5.2.0 255.255.255.252 104.97.2.2
ip route 83.64.3.0 255.255.255.252 104.97.2.2
ip route 63.42.2.0 255.255.255.252 104.97.2.2
ip route 142.250.105.0 255.255.255.0 104.97.2.2
end
copy run start
reload
```

nota: recuerden primero asignar las direcciones ip a cada interfaz de red de los routes antes de implementar el direccionamiento ip estatico