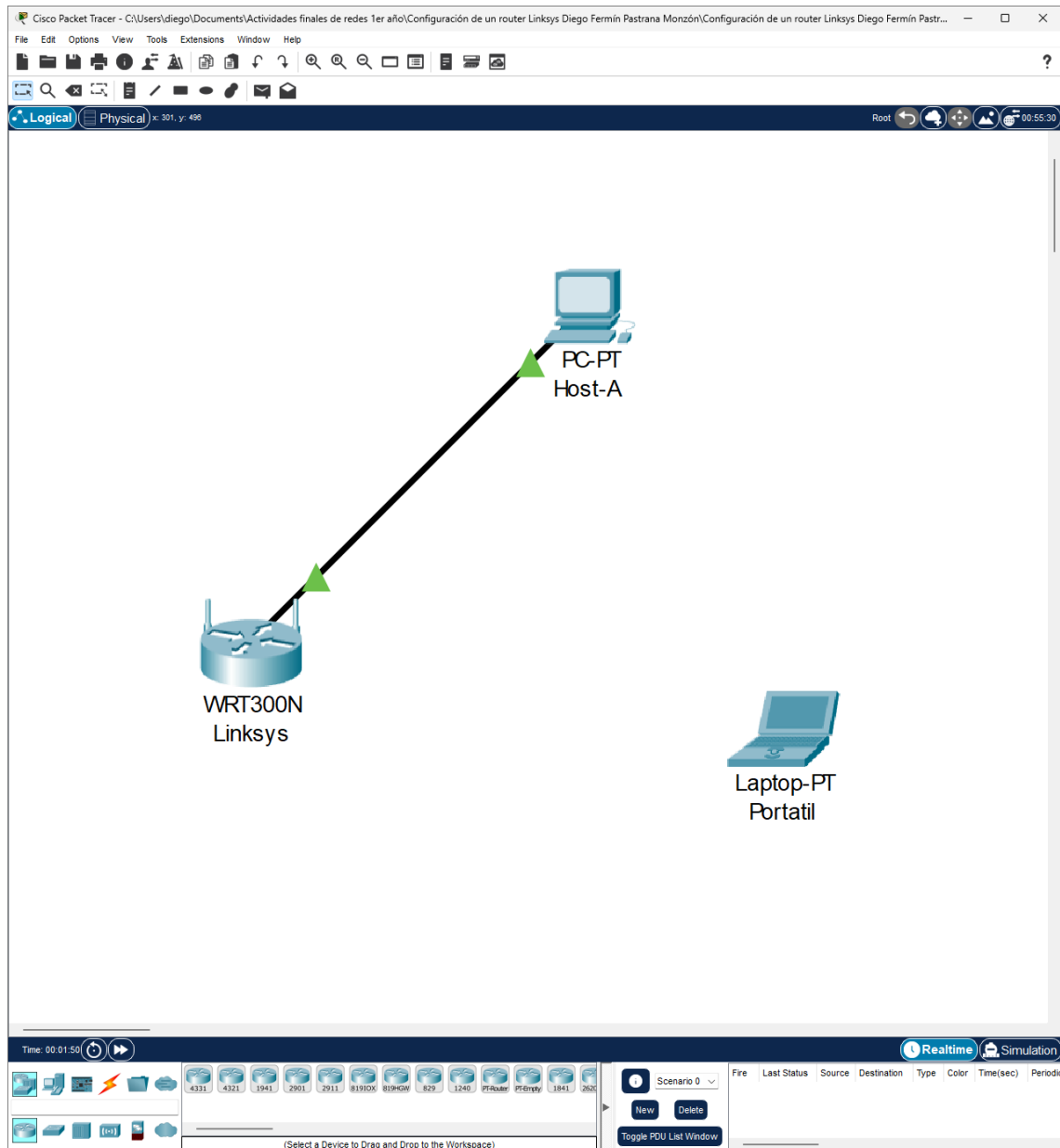
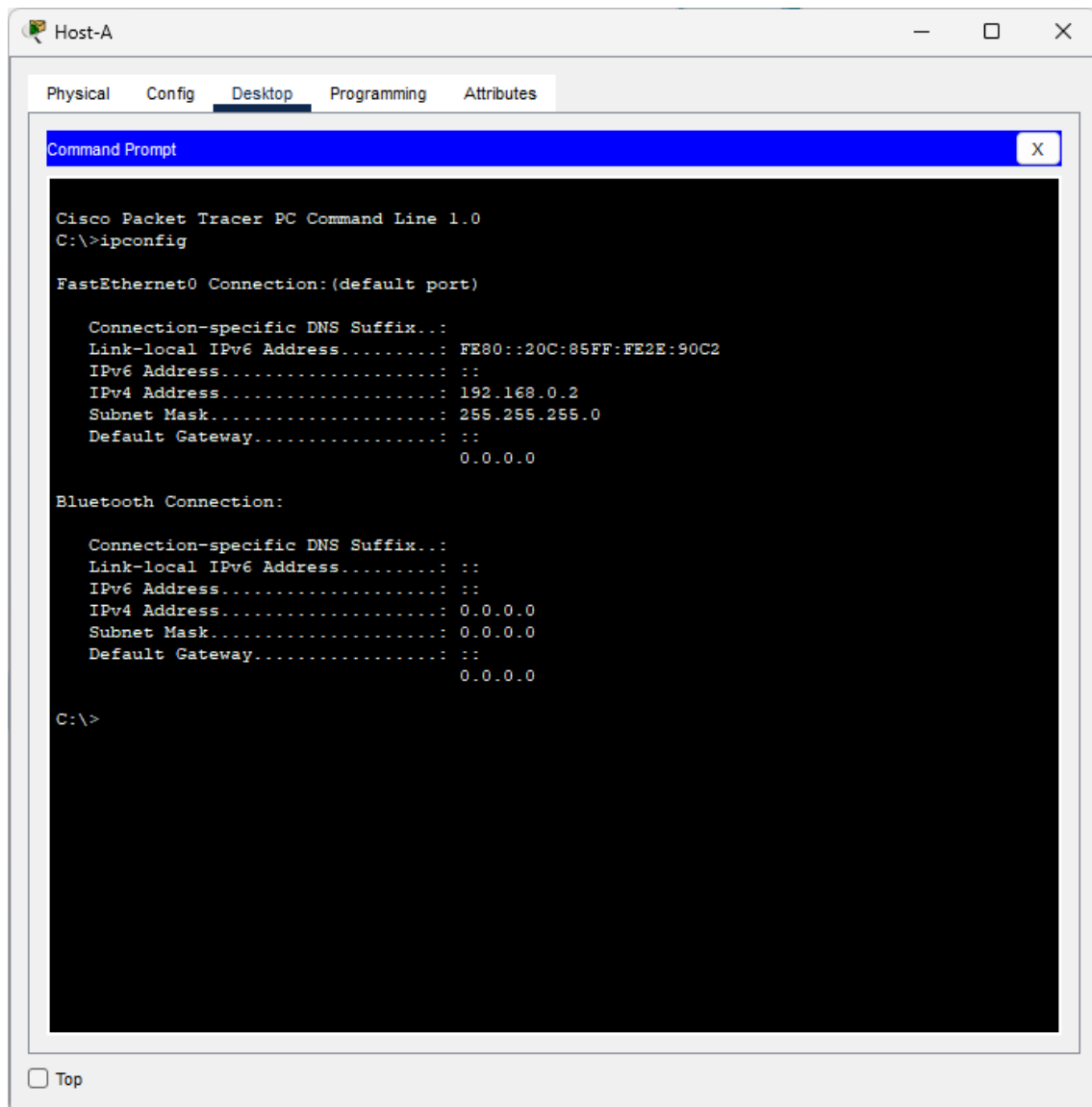
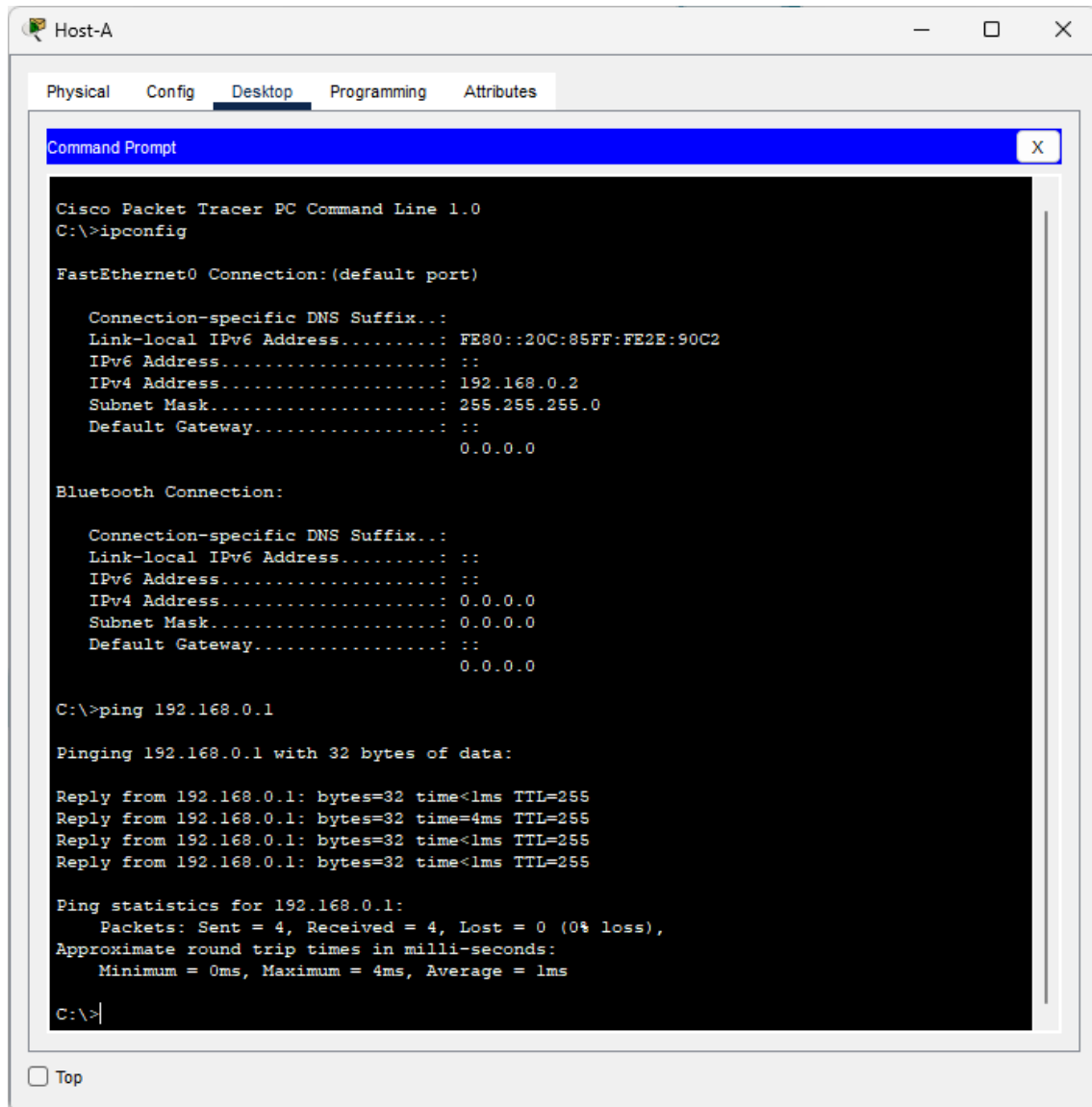
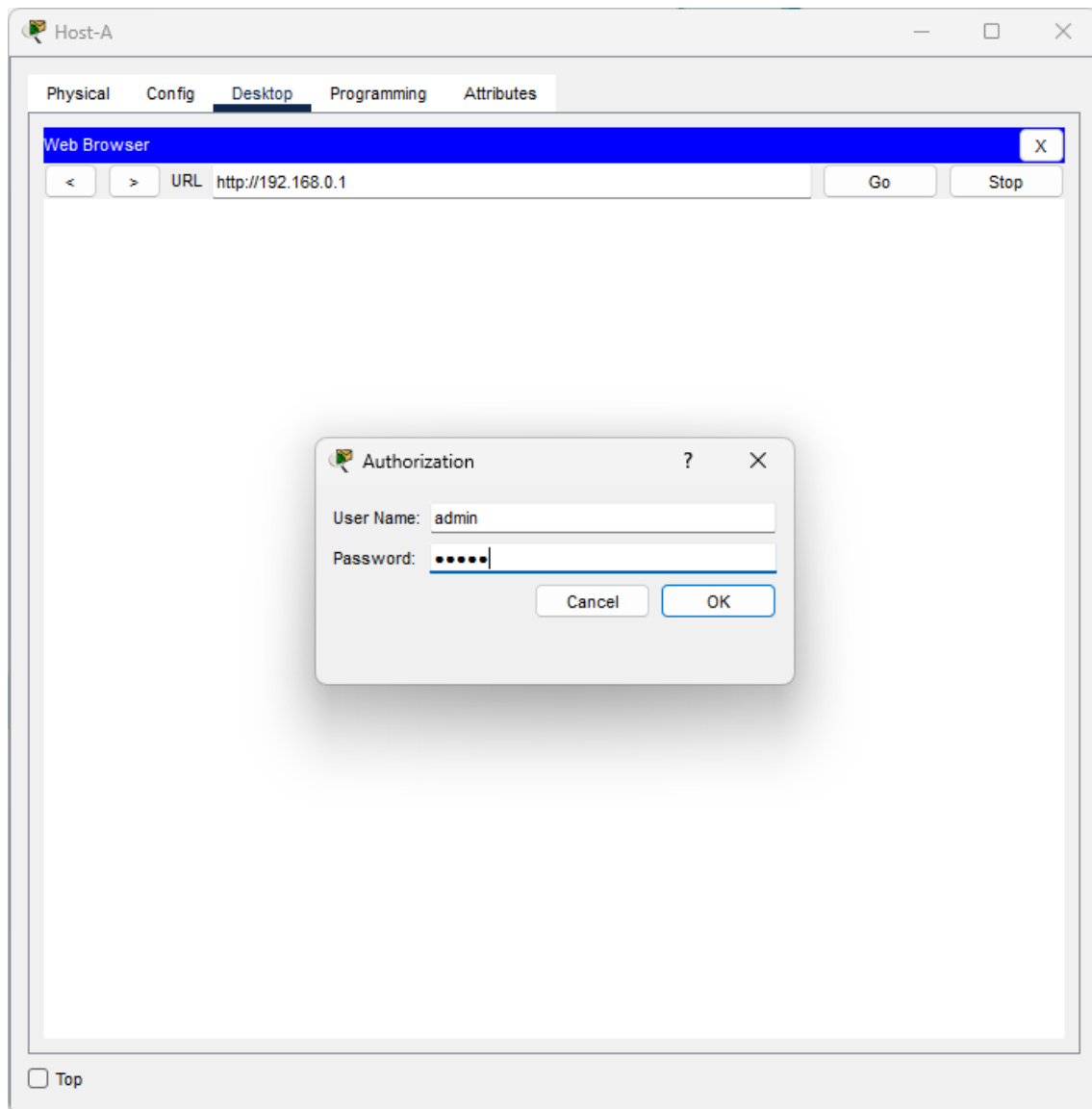


# Configuración de un router Linksys









Host-A

Physical

Config

Desktop

Programming

Attributes

Web Browser

< > URL http://192.168.0.1 Go Stop

Wireless-N Broadband Router

Setup

Setup

Wireless

Security

Access Restrictions

Applications & Gaming

Wireless-N B

Internet Setup

Internet Connection type

Automatic Configuration - DHCP

Optional Settings (required by some internet service providers)

Host Name:

Domain Name:

MTU:

Size: 1500

Network Setup

Router IP

IP Address:

192

168

0

1

Subnet Mask:

255.255.255.0

DHCP Server Settings

DHCP Server:

Enabled

Disabled

DHCP Reservation

Start IP Address: 192.168.0.

100

Top

Host-A

Physical
Config
Desktop
Programming
Attributes

Web Browser
X
URL http://192.31.1.1
Go
Stop

Wireless-N Broadband Router

Setup
Setup
Wireless
Security
Access Restrictions
Applications & Gaming
Wireless-N Br
Adm
Basic Setup
DDNS
MAC Address Clone

Internet Setup

Internet Connection type
Static IP

Internet IP Address:
198
.
133
.
219
.
1

Subnet Mask:
255
.
255
.
255
.
0

Default Gateway:
198
.
133
.
219
.
254

DNS 1:
198
.
133
.
219
.
10

DNS 2 (Optional):
0
.
0
.
0
.
0

DNS 3 (Optional):
0
.
0
.
0
.
0

Optional Settings (required by some internet service providers)

Host Name:

Domain Name:

MTU:
Size: 1500

Network Setup

Router IP

IP Address:
172
.
31
.
1
.
1

Subnet Mask:
255.255.255.192

DHCP Server Settings

DHCP Server:
Enabled
Disabled
DHCP Reservation

Start IP Address:
192.31.1. 5

Maximum number of Users:
25

IP Address Range:
192.31.1. 5 - 29

Client Lease Time:
0
minutes (0 means one day)

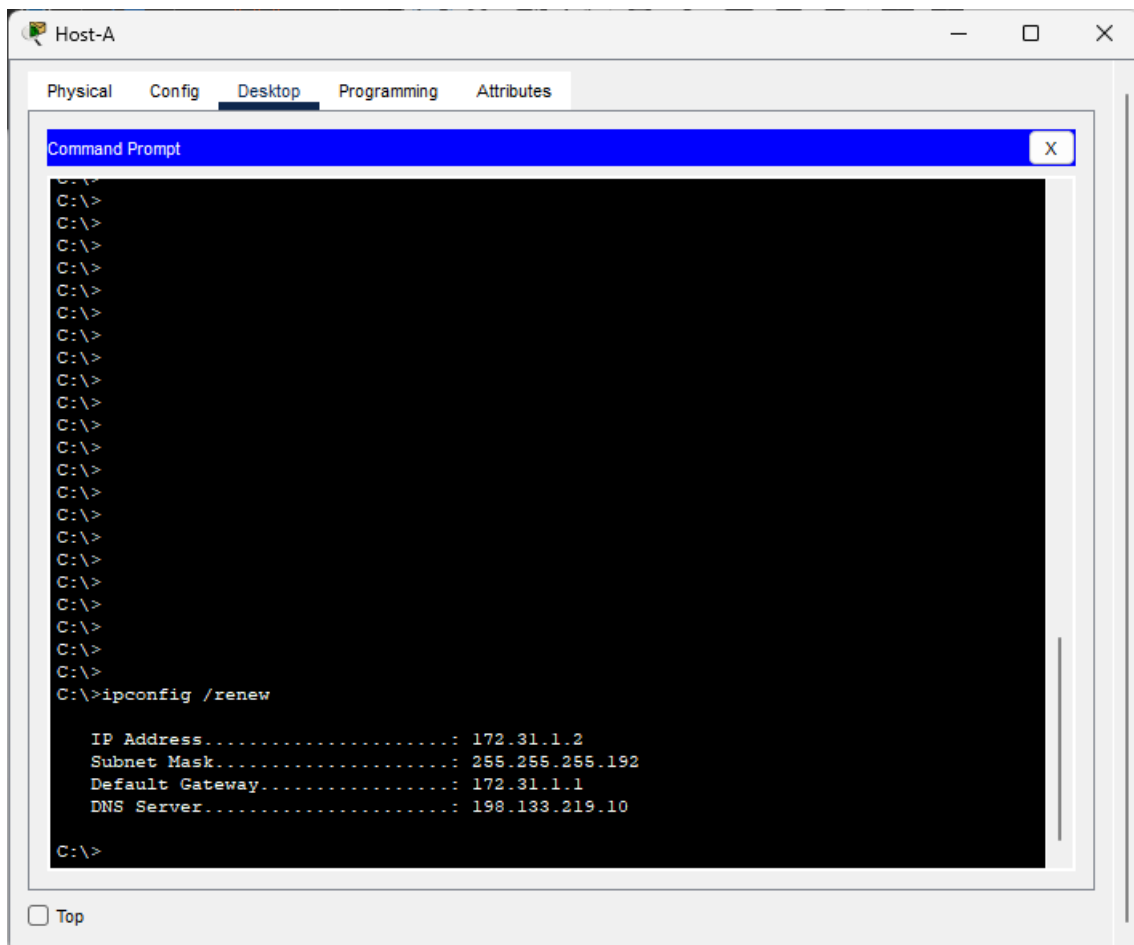
Static DNS 1:
0
.
0
.
0
.
0

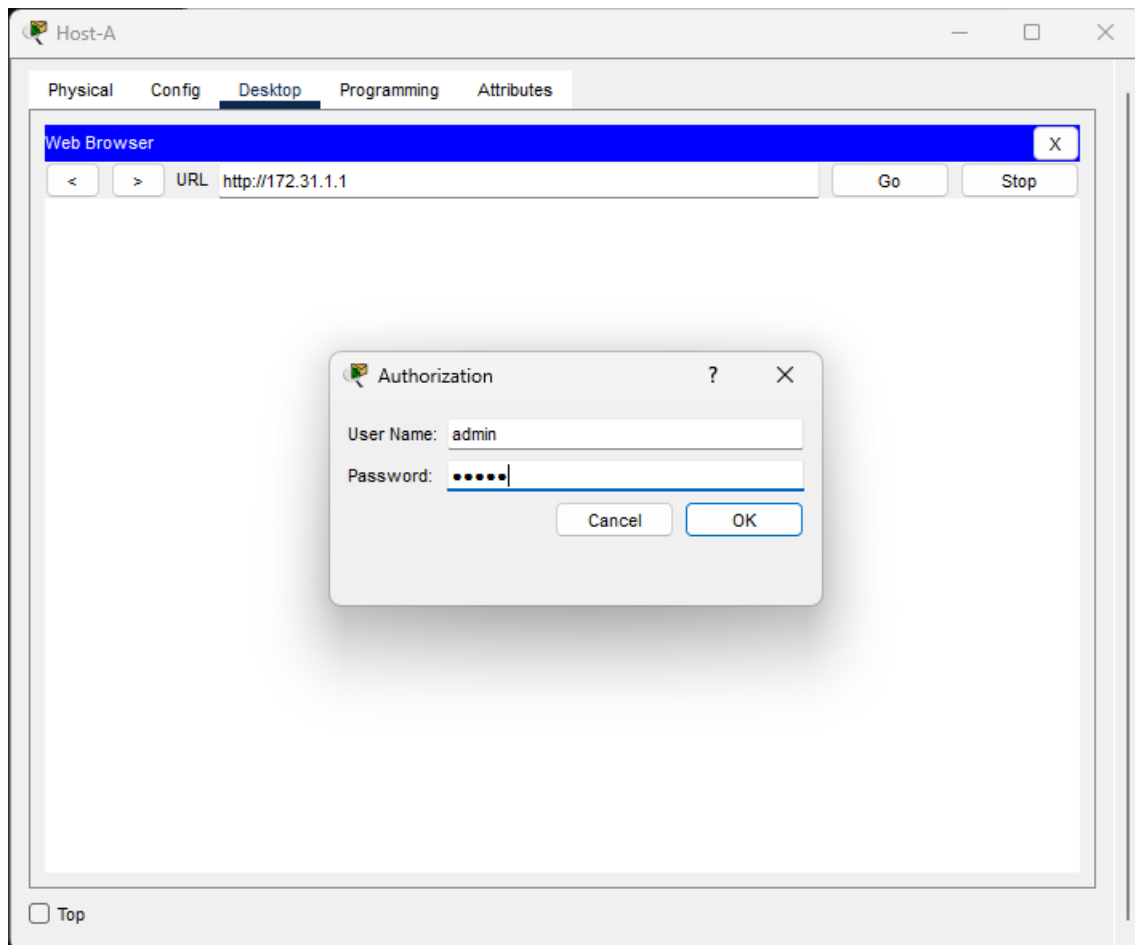
Static DNS 2:
0
.
0
.
0
.
0

Static DNS 3:
0
.
0
.
0
.
0

WINS:
0
.
0
.
0
.
0

Top





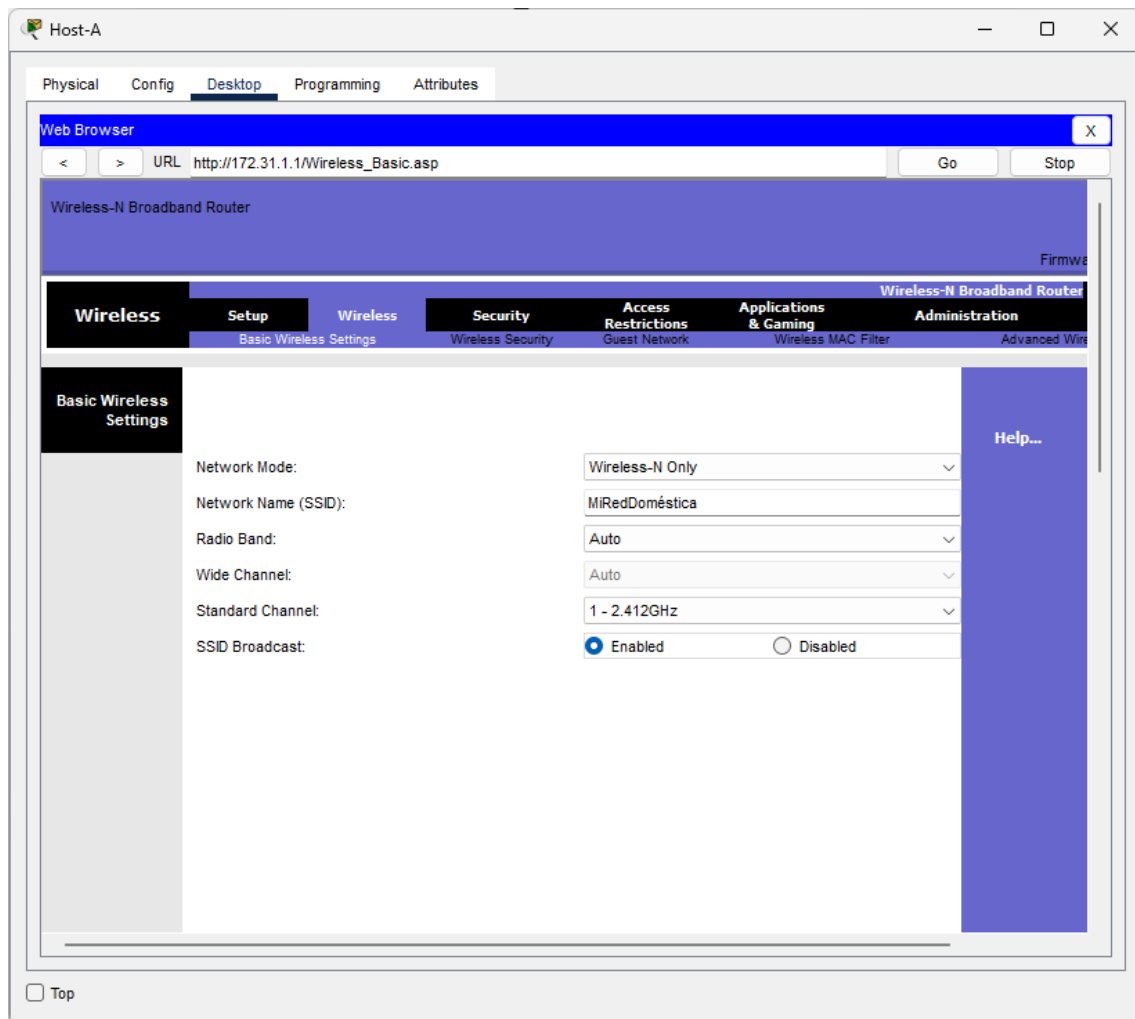
**¿En qué caso elegiría la opción Disable (Deshabilitar)?**

Cuando no queramos la conexión disponible

**¿En qué caso elegiría la opción Mixed (Combinada)?**

Cuando tengamos varios dispositivos con diferentes estándares de Wi-Fi conectados a la misma red



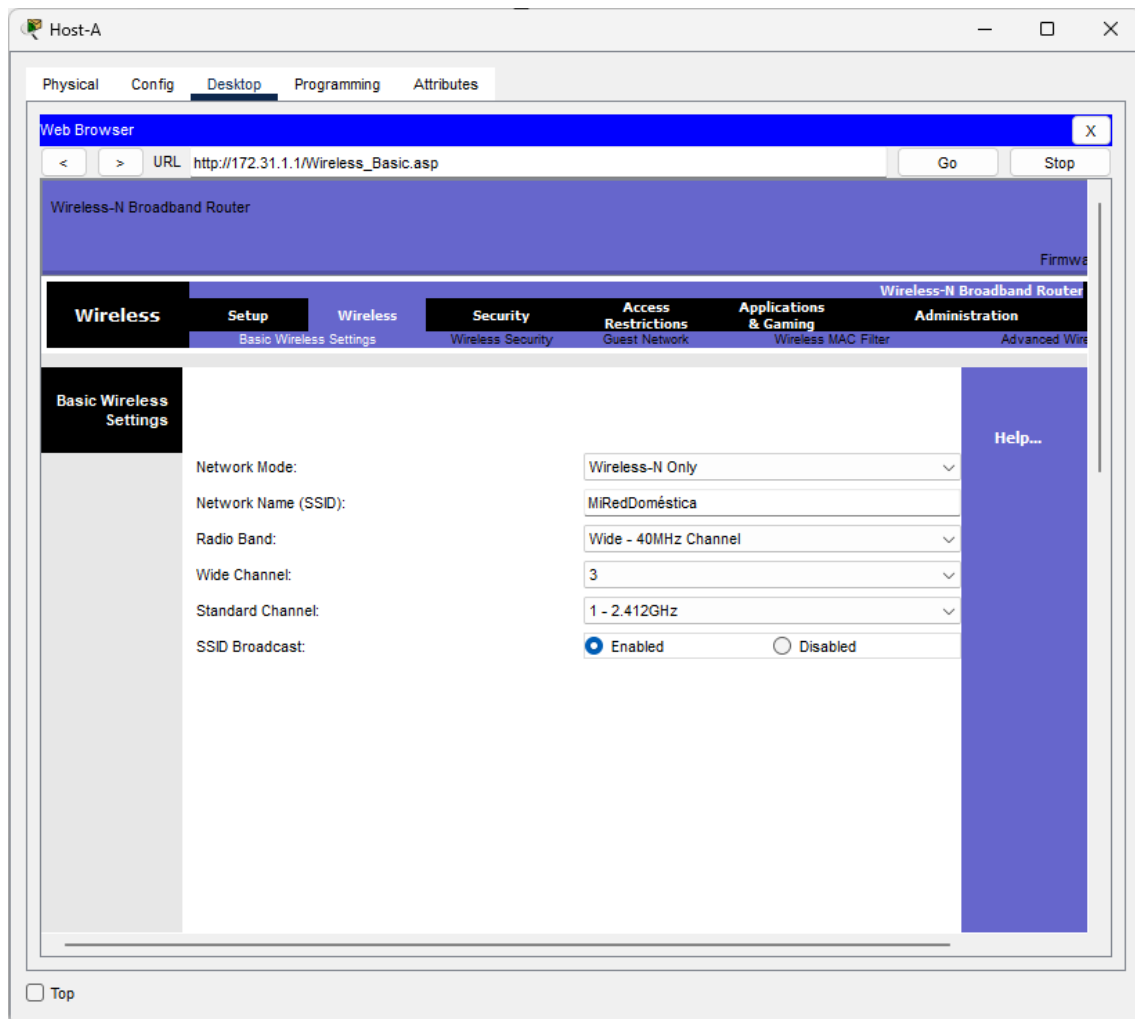


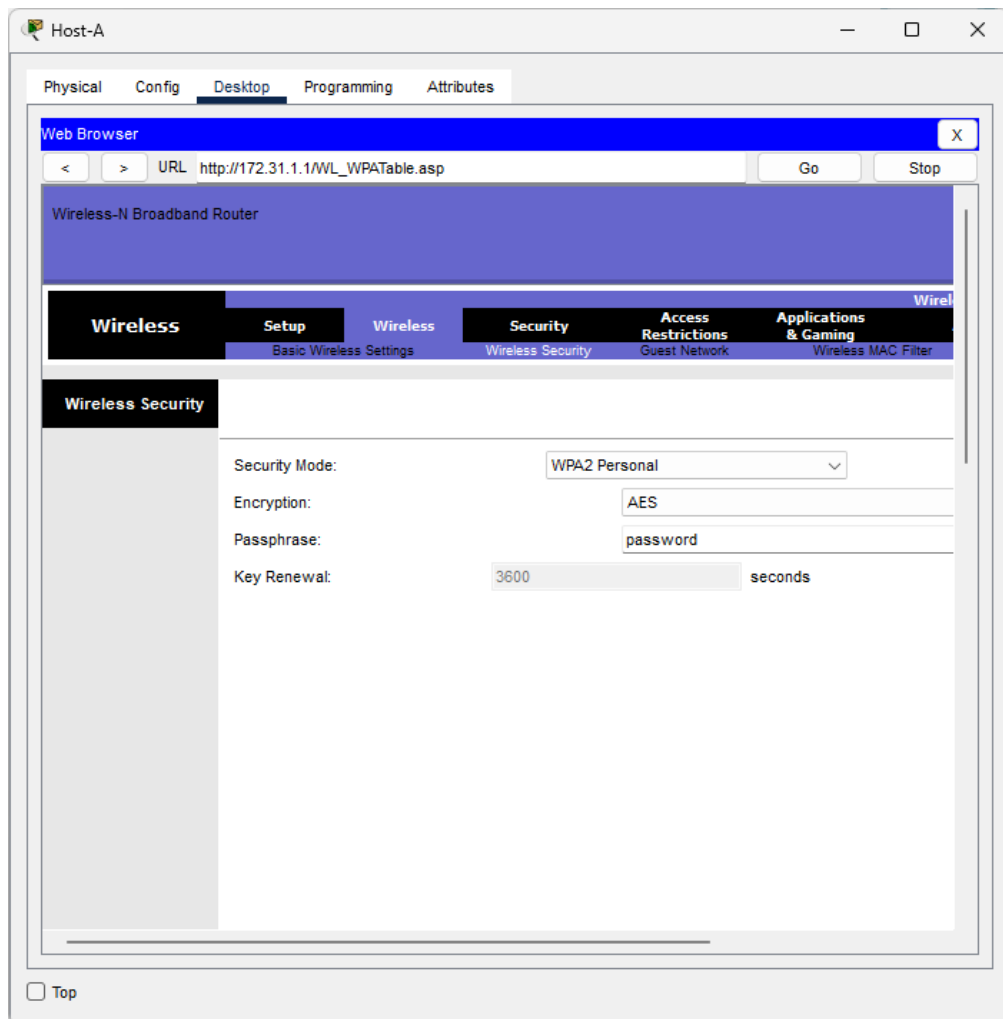
### ¿Cuáles son dos características de un SSID?

Tienen una longitud y una determinada visibilidad

### Si no se transmite el SSID de un punto de acceso, ¿cómo se conectan los dispositivos a este?

Si un punto de acceso no transmite el SSID nos podemos conectar igualmente si lo ponemos de forma manual

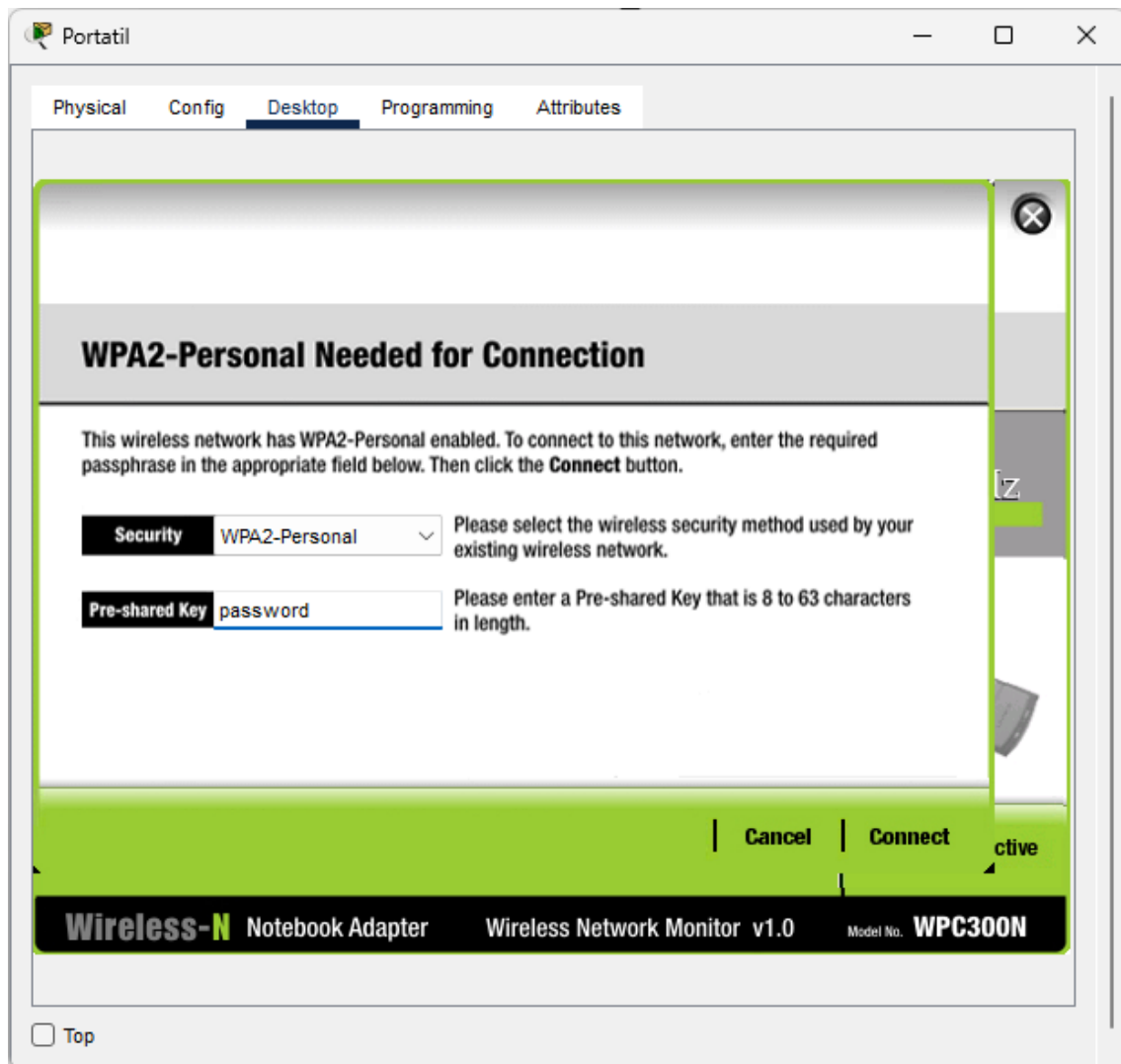


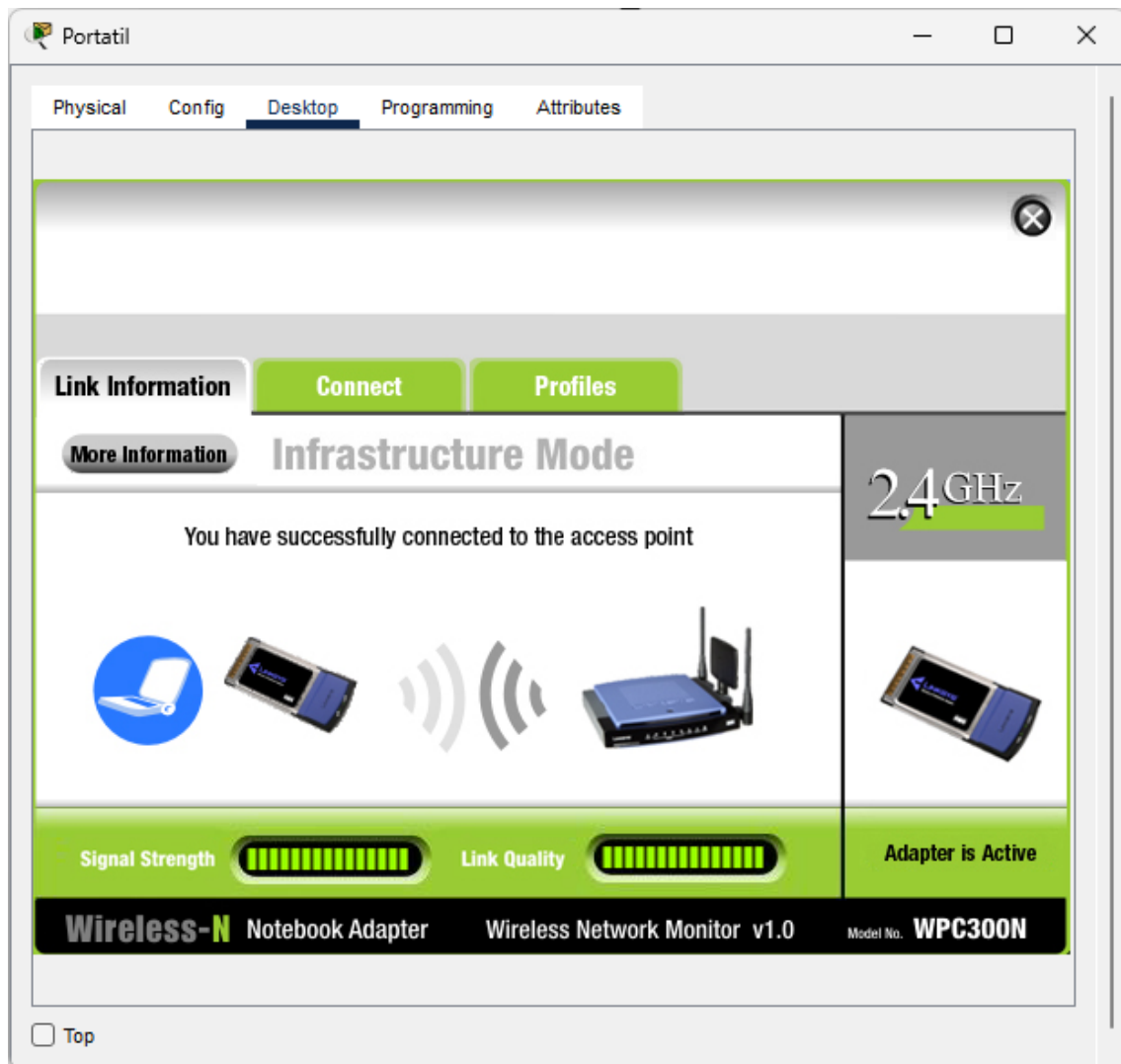


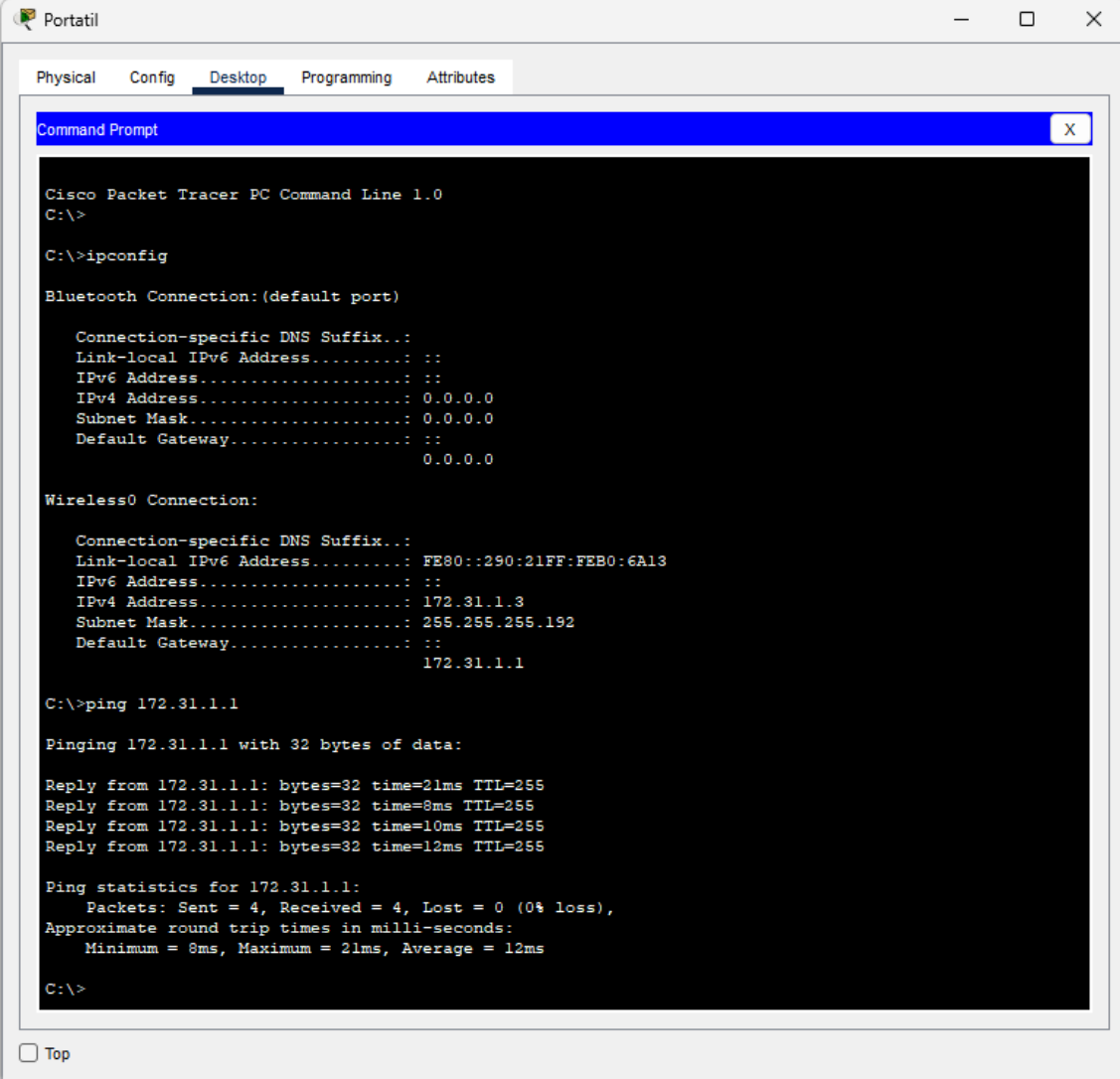
### ¿Cuál es la diferencia entre la opción Personal y la opción Enterprise (Empresa)?

La personal usa una contraseña ingresada por los usuarios, mientras que la enterprise soporta autenticación 802.1x RADIUS adecuada para redes empresariales con servidor RADIUS









The screenshot shows a Packet Tracer PC Command Line window titled "Portatil". The window has tabs for "Physical", "Config", "Desktop", "Programming", and "Attributes", with "Desktop" selected. Inside the window is a "Command Prompt" window with a blue title bar and a close button. The command prompt shows the following text:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>

C:\>ipconfig

Bluetooth Connection:(default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: ::
    IPv6 Address.....: ::
    IPv4 Address.....: 0.0.0.0
    Subnet Mask.....: 0.0.0.0
    Default Gateway.....: ::
                        0.0.0.0

Wireless0 Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: FE80::290:21FF:FE80:6A13
    IPv6 Address.....: ::
    IPv4 Address.....: 172.31.1.3
    Subnet Mask.....: 255.255.255.192
    Default Gateway.....: ::
                        172.31.1.1

C:\>ping 172.31.1.1

Pinging 172.31.1.1 with 32 bytes of data:

Reply from 172.31.1.1: bytes=32 time=21ms TTL=255
Reply from 172.31.1.1: bytes=32 time=8ms TTL=255
Reply from 172.31.1.1: bytes=32 time=10ms TTL=255
Reply from 172.31.1.1: bytes=32 time=12ms TTL=255

Ping statistics for 172.31.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 8ms, Maximum = 21ms, Average = 12ms

C:\>
```

At the bottom left of the window, there is a "Top" button with a small square icon next to it.

