

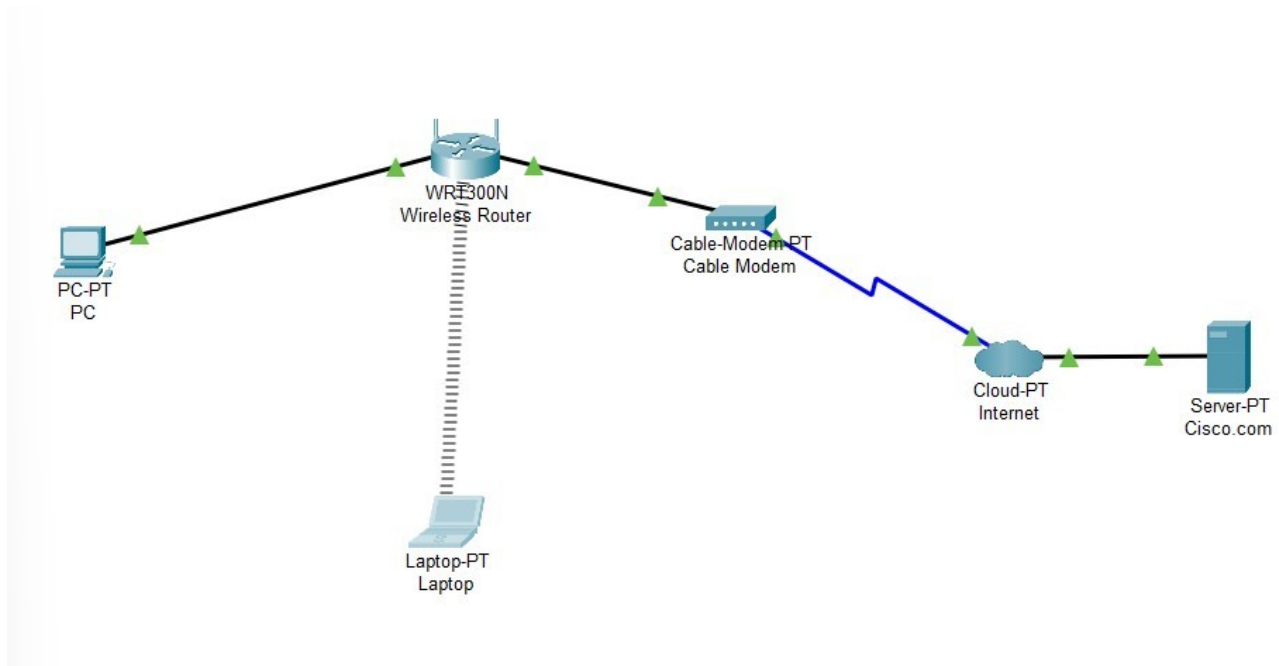
Red doméstica y servidor web con Cisco Packet Tracer

Pablo Ruiz Barba

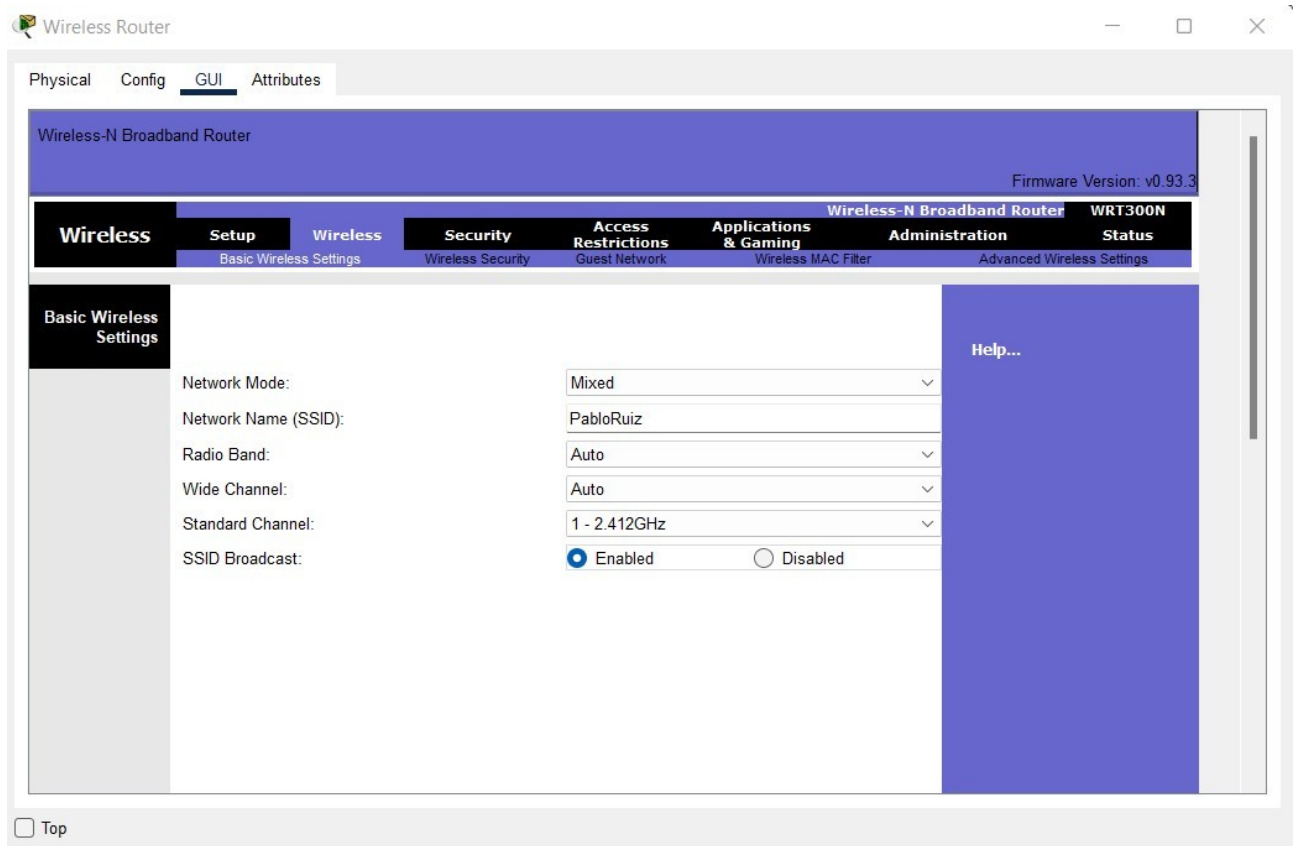
DAW 2

Curso 2022/2023

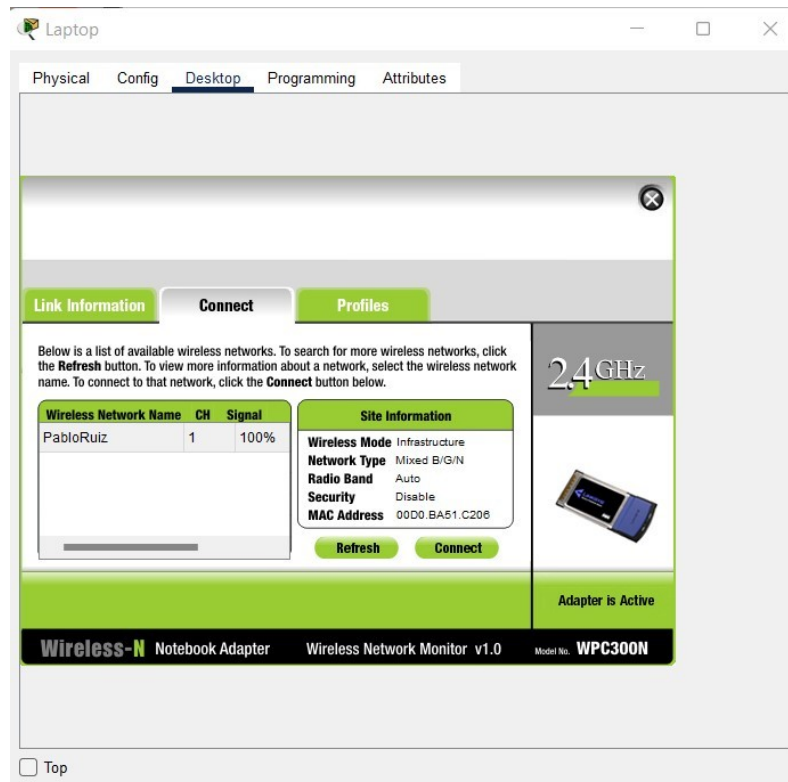
1. Captura de la topología de red.



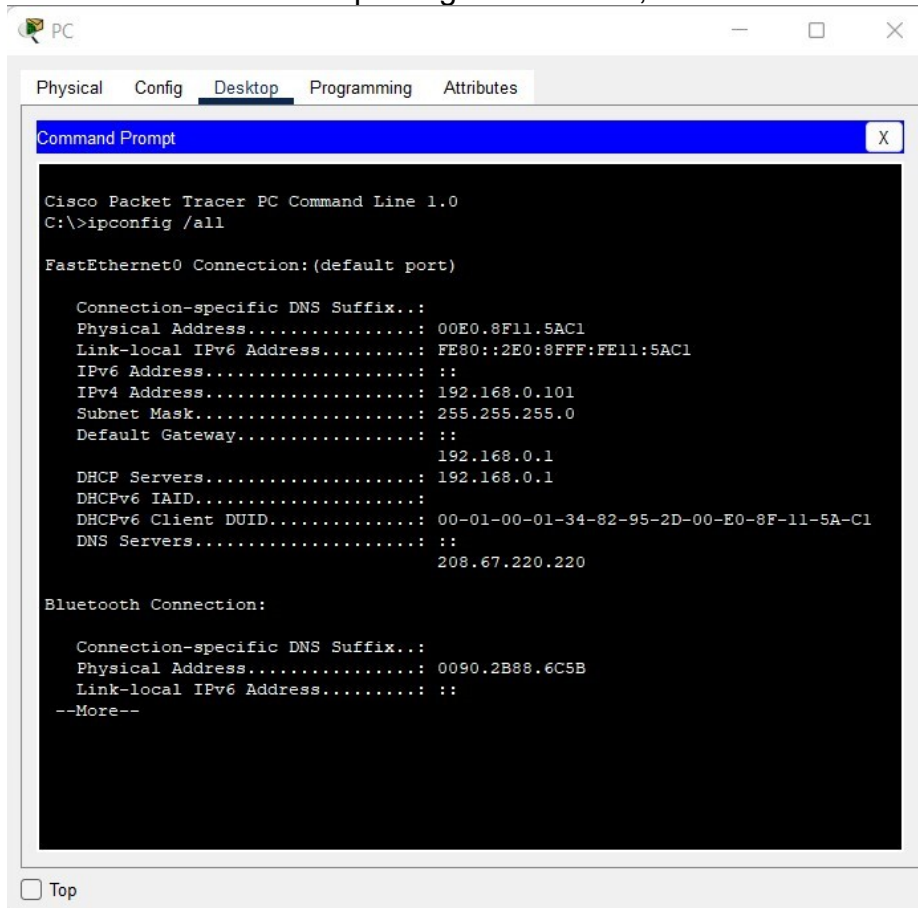
2. Captura de la pestaña de configuración wireless del router. El SSID de la red debe ser tu nombre y apellido en CamlCase sin tildes (e.g.: CarlosMendez).



3. Captura de PC Wireless > Connect del portátil, tras conectarse a la red Wi-Fi.



4. Captura de la salida del comando ipconfig /all en el PC, tras conectarse.



5. Captura de Services > DNS configurado en el servidor cisco.com.

The screenshot shows the 'Services' tab in the Cisco.com configuration interface. The 'DNS' service is selected in the left sidebar. The main area shows the 'DNS' configuration. The 'DNS Service' is set to 'On'. Under 'Resource Records', there is a table with one entry:

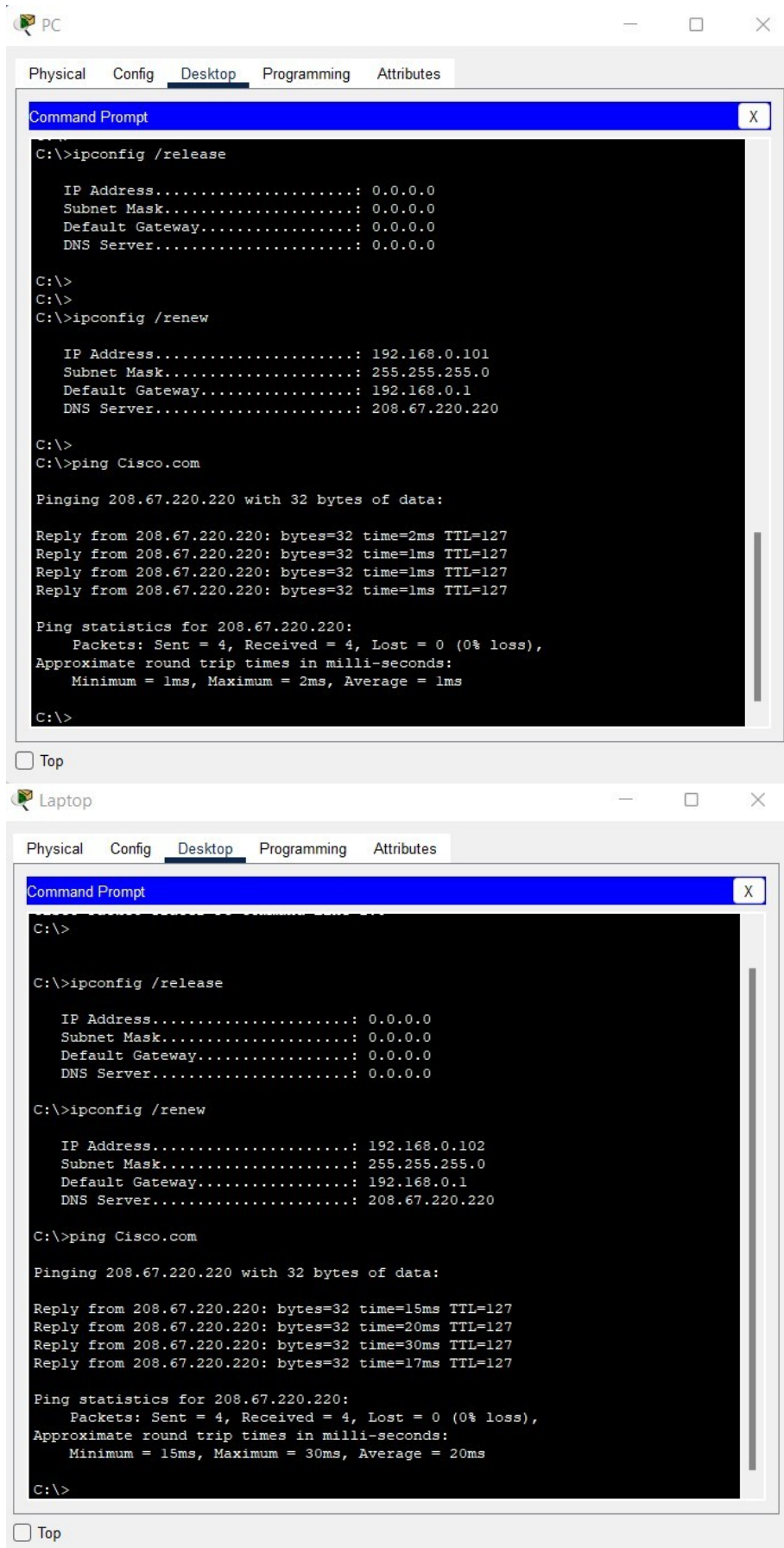
No.	Name	Type	Detail
0	cisco.com	A Record	208.67.220.220

Below the table is a 'DNS Cache' button. At the bottom left, there is a 'Top' link.

6. Captura de Config > Interface > FastEthernet0 configurado en el servidor.

The screenshot shows the 'Config' > 'Interface' > 'FastEthernet0' configuration page. The left sidebar shows the navigation tree with 'FastEthernet0' selected. The main area shows the configuration for 'FastEthernet0'. The 'Port Status' is 'On'. The 'Bandwidth' is set to '10 Mbps'. The 'Duplex' is set to 'Full Duplex'. The 'MAC Address' is '00D0.D39A.CA72'. The 'IP Configuration' is set to 'Static'. The 'IPv4 Address' is '208.67.220.220' and the 'Subnet Mask' is '255.255.255.0'. The 'IPv6 Configuration' is set to 'Static'. The 'IPv6 Address' is empty, and the 'Link Local Address' is 'FE80::2D0:D3FF:FE9A:CA72'. At the bottom left, there is a 'Top' link.

7. Captura de la salida del comando ping cisco.com desde el PC y el portátil.



8. Barra azul inferior derecha > Simulation. Repite el ping desde un dispositivo y pulsa el botón de play. Captura de paquetes ICMP en el recuadro Event List.

The screenshot displays a network simulation in Cisco Packet Tracer. The network topology consists of a PC-PT connected to a Wireless Router (WRT300N), which is connected to a Cable Modem-PT. A Laptop-PT is also connected to the Wireless Router. The Simulation Panel on the right shows the Event List with the following data:

Vis.	Time(sec)	Last Device
	0.198	--
	0.199	Wireless Router
	2.198	--
	2.199	Wireless Router
	4.199	--
	4.200	Wireless Router
	6.196	--
	6.197	Wireless Router

Below the Event List, the Play Controls section shows a play button and a progress bar. The Event List Filters section lists various protocols and services, including ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, and VTP.

9. Captura de Services > HTTP en tu servidor web.

The screenshot shows a PC desktop with a Web Browser window open. The browser's address bar displays the URL "http://208.67.220.220". The page content includes the title "Cisco Packet Tracer" and a welcome message: "Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open." Below the welcome message, there are quick links: "A small page", "Copyrights", "Image page", and "Image".

10. Captura del código fuente de las páginas index.html y condiciones.html.

```
index.html x condiciones.html x
1 <html>
2 <head>
3   <h1>Pablo Ruiz Barba</h1>
4 </head>
5 <body>
6   
7   <h2>Características como Desarrollador Web:</h2>
8   <ol>
9     <li>Sin experiencia.</li>
10    <li>Con ganas de aprender nuevas tecnologías.</li>
11  </ol>
12  <a href="condiciones.html" title="condiciones">Mis condiciones</a>
13 </body>
14 </html>
```

```
index.html x condiciones.html x
1 <html>
2 <head>
3   <h1>Mis condiciones:</h1>
4 </head>
5 <body>
6   <ul>
7     <li>Tecnologías actuales.</li>
8     <li>Posibilidad de crecer dentro de la empresa.</li>
9     <li>Formación dentro de la empresa.</li>
10    <li>A Coruña y alrededores.</li>
11    <li>En su defecto, posibilidad de trabajo en remoto.</li>
12    <li>Seguro médico privado.</li>
13  </ul>
14  <a href="index.html" title="index">Volver al perfil</a>
15 </body>
16 </html>
```


11. Captura de ambas páginas vistas desde el Web Browser del portátil.

