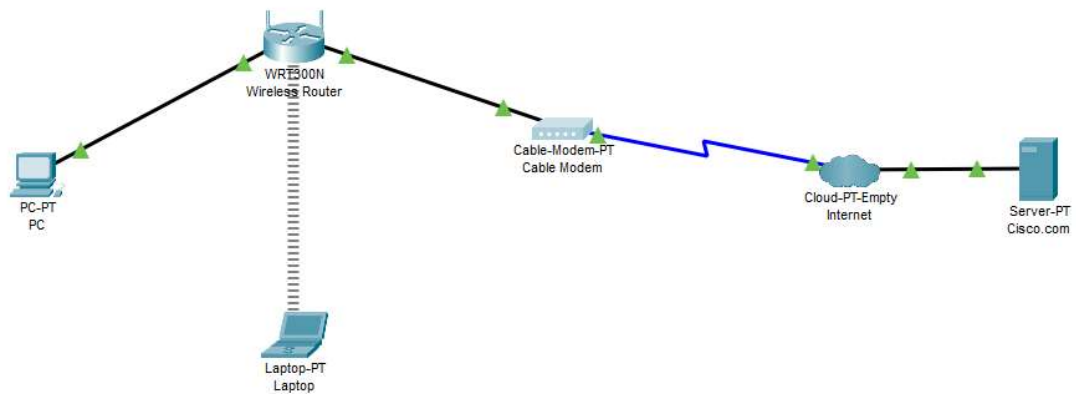


Red doméstica y servidor web con Cisco Packet Tracer

Cristina Moreno Bermejo

2º Desarrollo de Aplicaciones Web

1. Captura de la topología de la red.



2. Captura de la pestaña de configuración wireless del router.

Wireless Router

Physical Config GUI Attributes

GLOBAL

- Settings
- Algorithm Settings
- INTERFACE**
- Internet
- LAN
- Wireless

Wireless Settings

SSID: CristinaMoreno

2.4 GHz Channel: 1 - 2.412GHz

Coverage Range (meters): 250,00

Authentication:

- ☒ Disabled
- ☐ WEP
- ☐ WPA-PSK
- ☐ WPA2-PSK
- ☐ WPA
- ☐ WPA2

WEP Key: []

PSK Pass Phrase: []

RADIUS Server Settings

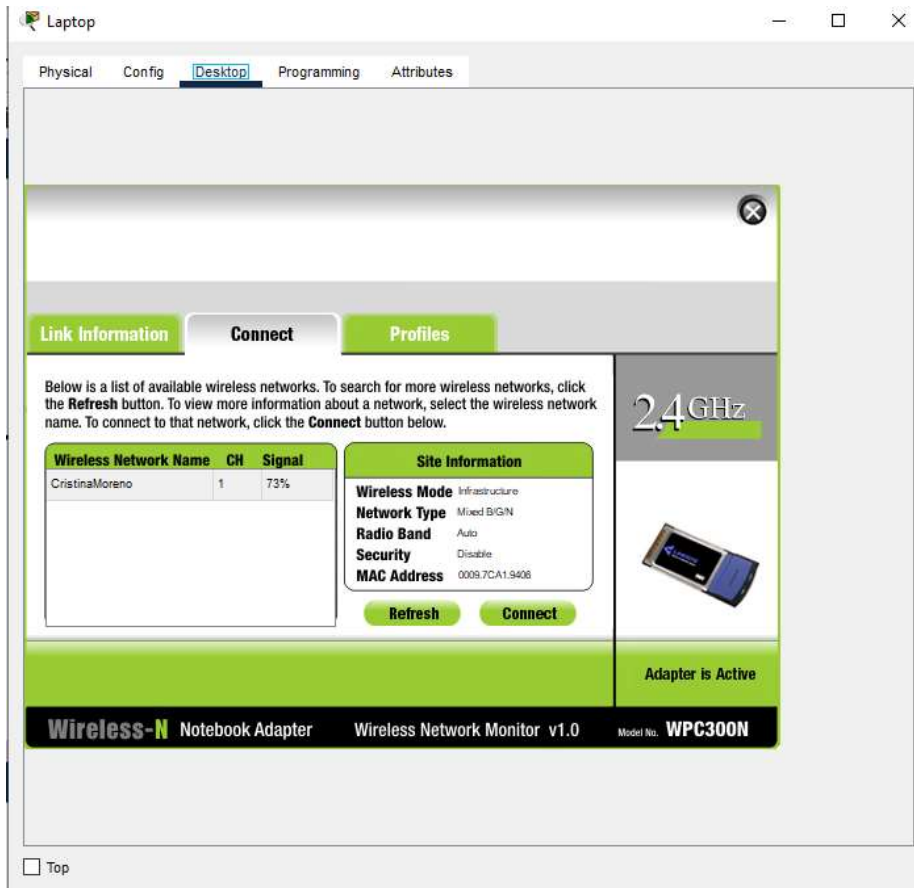
IP Address: []

Shared Secret: []

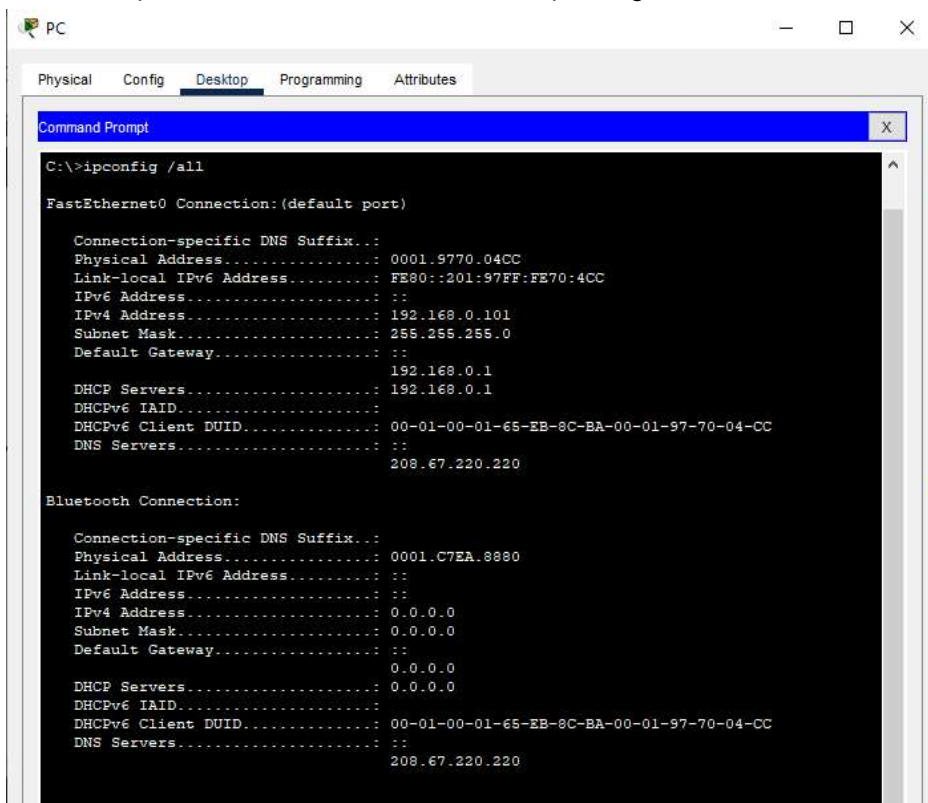
Encryption Type: Disabled

☐ Top

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 Cisco.com configuration interface with the 'Services' tab selected. The 'DNS' service is configured as follows:

- DNS Service:** ☒ On ☐ Off
- Resource Records:**
 - Name:**
 - Type:** A Record
 - Address:**
- Buttons:** Add, Save, Remove
- Table:**

No.	Name	Type	Detail
0	cisco.com	A Record	208.67.220.220
- Buttons:** DNS Cache

Top

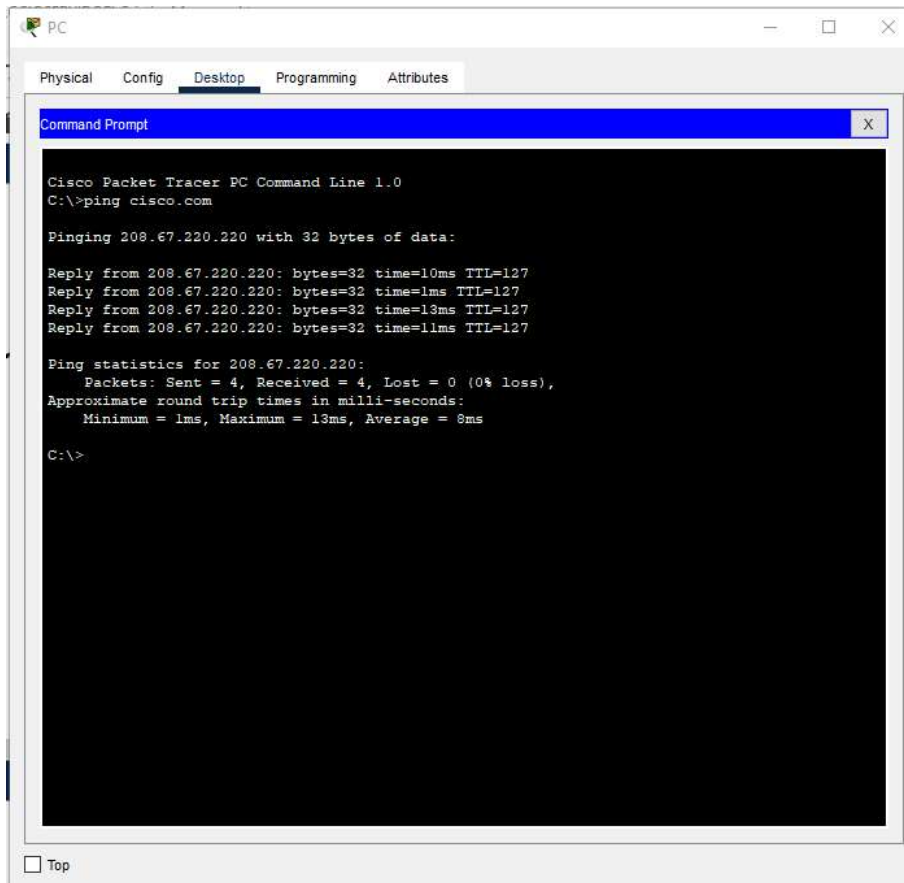
6. Captura de Config > Interface > FastEthernet0 configurado en el servidor.

The screenshot shows the Cisco.com configuration interface with the 'Config' tab selected. The 'FastEthernet0' interface is configured as follows:

- Port Status:** ☒ On
- Bandwidth:** ☒ 100 Mbps ☐ 10 Mbps ☒ Auto
- Duplex:** ☐ Half Duplex ☒ Full Duplex ☒ Auto
- MAC Address:** 0060.2FA1.50B1
- IP Configuration:**
 - ☐ DHCP
 - ☒ Static
 - IPv4 Address:** 208.67.220.220
 - Subnet Mask:** 255.255.255.0
- IPv6 Configuration:**
 - ☐ Automatic
 - ☒ Static
 - IPv6 Address:**
 - Link Local Address:** FE80::260:2FFF:FEA1:50B1

Top

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



The screenshot shows a PC window titled "PC" with tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a "Command Prompt" window. The Command Prompt shows the output of the command "ping cisco.com".

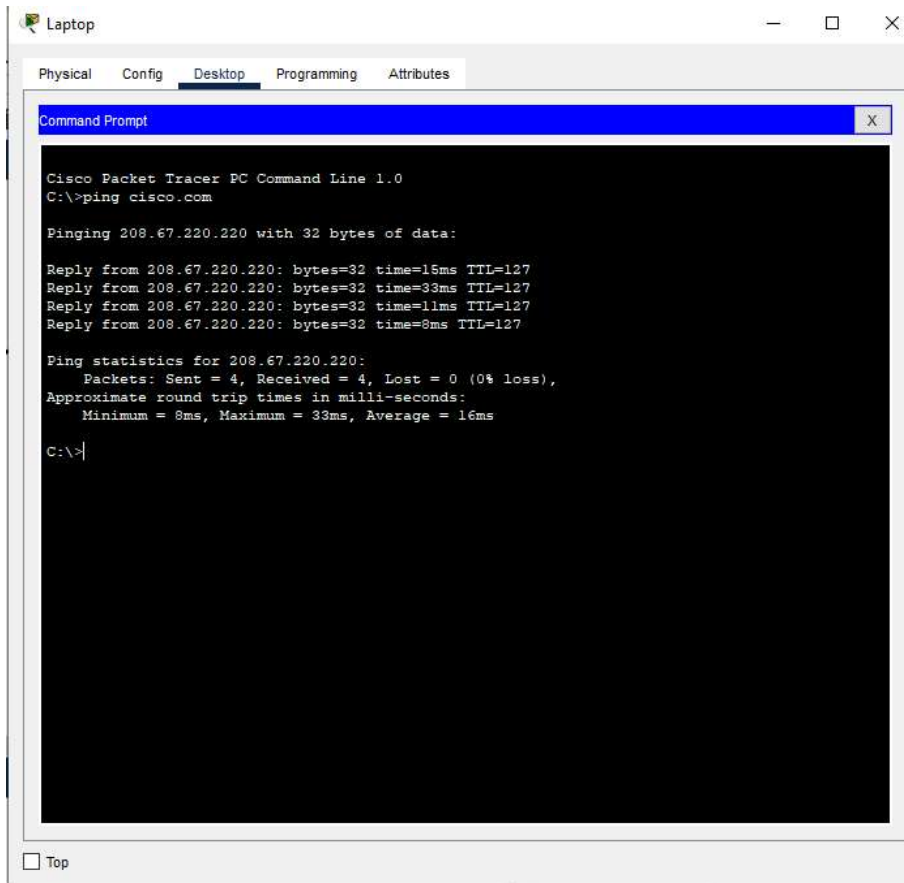
```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cisco.com

Pinging 208.67.220.220 with 32 bytes of data:

Reply from 208.67.220.220: bytes=32 time=10ms TTL=127
Reply from 208.67.220.220: bytes=32 time=1ms TTL=127
Reply from 208.67.220.220: bytes=32 time=13ms TTL=127
Reply from 208.67.220.220: bytes=32 time=11ms TTL=127

Ping statistics for 208.67.220.220:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 13ms, Average = 8ms

C:\>
```



The screenshot shows a Laptop window titled "Laptop" with tabs for Physical, Config, Desktop, Programming, and Attributes. The Desktop tab is active, displaying a "Command Prompt" window. The Command Prompt shows the output of the command "ping cisco.com".

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping cisco.com

Pinging 208.67.220.220 with 32 bytes of data:

Reply from 208.67.220.220: bytes=32 time=15ms TTL=127
Reply from 208.67.220.220: bytes=32 time=33ms TTL=127
Reply from 208.67.220.220: bytes=32 time=11ms TTL=127
Reply from 208.67.220.220: bytes=32 time=8ms TTL=127

Ping statistics for 208.67.220.220:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 8ms, Maximum = 33ms, Average = 16ms

C:\>
```

8. Repite el ping desde un dispositivo y pulsa el botón de play. Captura de paquetes ICMP en el recuadro Event List.

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.008	--	PC	ICMP
	0.009	PC	Wireless Router	ICMP
	0.010	Wireless Router	Cable Modem	ICMP
	0.011	Cable Modem	Internet	ICMP
	0.012	Internet	Cisco.com	ICMP
	0.013	Cisco.com	Internet	ICMP
	0.014	Internet	Cable Modem	ICMP
	0.015	Cable Modem	Wireless Router	ICMP
	0.016	Wireless Router	PC	ICMP
	1.018	--	PC	ICMP
	1.019	PC	Wireless Router	ICMP
	1.020	Wireless Router	Cable Modem	ICMP
	1.021	Cable Modem	Internet	ICMP
	1.022	Internet	Cisco.com	ICMP
	1.023	Cisco.com	Internet	ICMP
	1.024	Internet	Cable Modem	ICMP
	1.025	Cable Modem	Wireless Router	ICMP
	1.026	Wireless Router	PC	ICMP
	2.030	--	PC	ICMP
	2.031	PC	Wireless Router	ICMP
	2.032	Wireless Router	Cable Modem	ICMP

Reset Simulation ☒ Constant Delay Captured to: 2603.769 s

Play Controls

Event List Filters - Visible Events
ICMP

Edit Filters Show All/None

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	1.025	Cable Modem	Wireless Router	ICMP
	1.026	Wireless Router	PC	ICMP
	2.030	--	PC	ICMP
	2.031	PC	Wireless Router	ICMP
	2.032	Wireless Router	Cable Modem	ICMP
	2.033	Cable Modem	Internet	ICMP
	2.034	Internet	Cisco.com	ICMP
	2.035	Cisco.com	Internet	ICMP
	2.036	Internet	Cable Modem	ICMP
	2.037	Cable Modem	Wireless Router	ICMP
	2.038	Wireless Router	PC	ICMP
	3.042	--	PC	ICMP
	3.043	PC	Wireless Router	ICMP
	3.044	Wireless Router	Cable Modem	ICMP
	3.045	Cable Modem	Internet	ICMP
	3.046	Internet	Cisco.com	ICMP
	3.047	Cisco.com	Internet	ICMP
	3.048	Internet	Cable Modem	ICMP
	3.049	Cable Modem	Wireless Router	ICMP
	3.050	Wireless Router	PC	ICMP

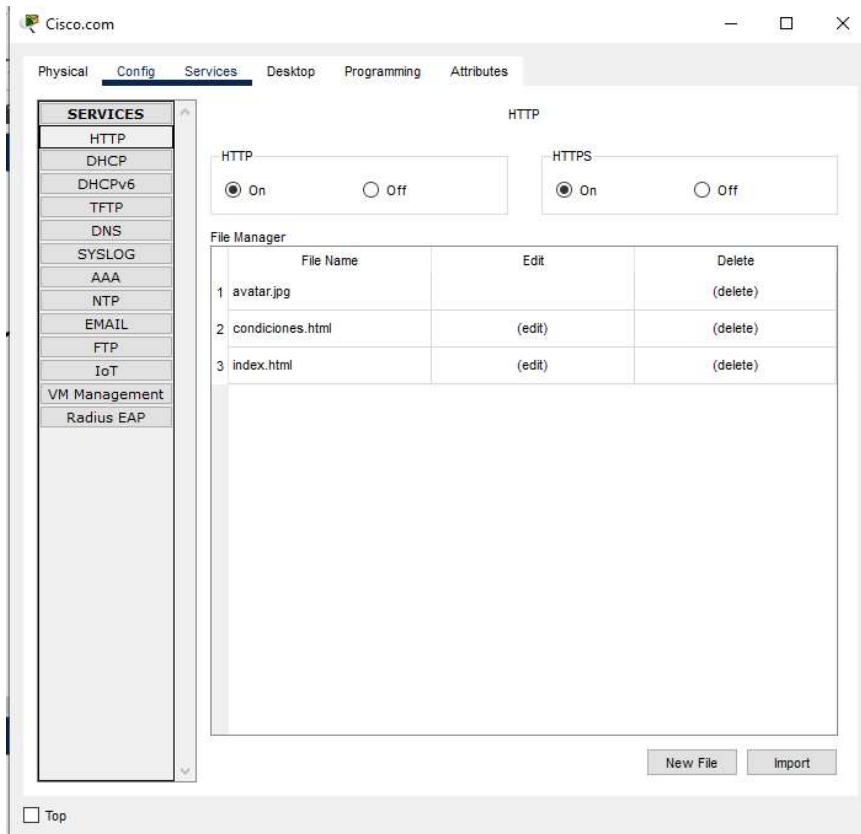
Reset Simulation ☒ Constant Delay Captured to: 2603.769 s

Play Controls

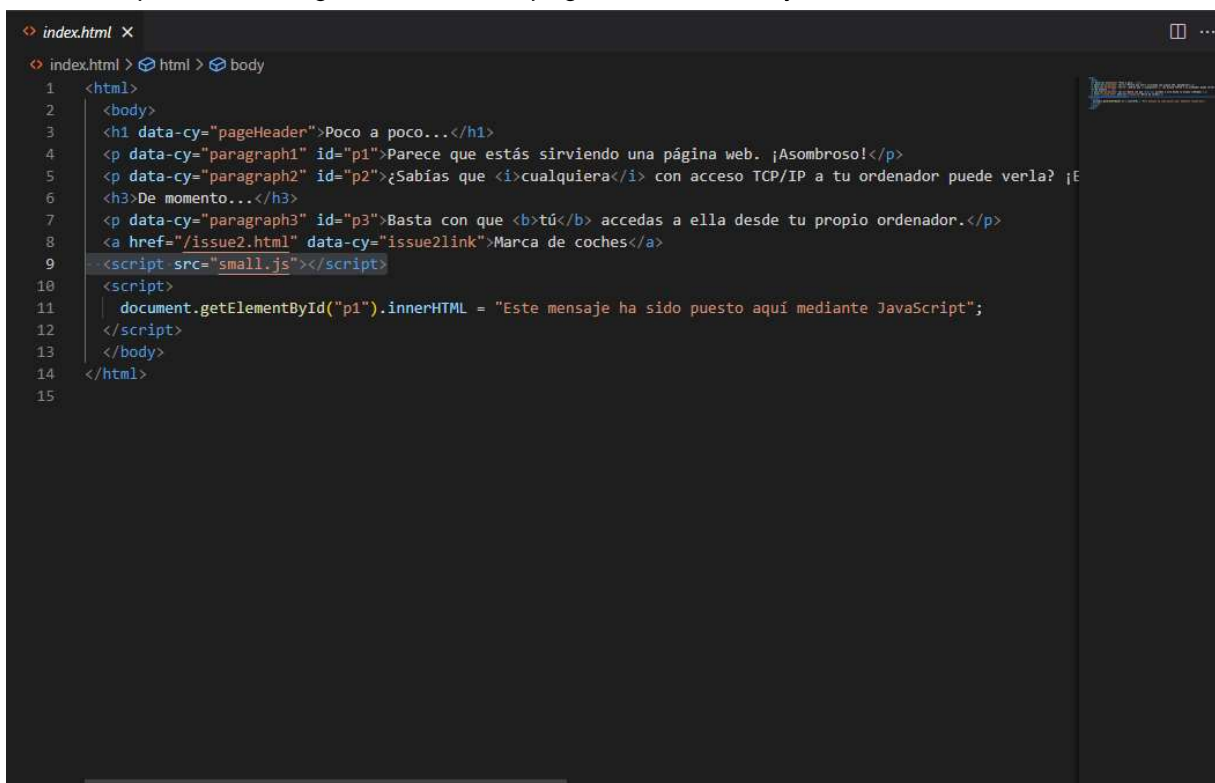
Event List Filters - Visible Events
ICMP

Edit Filters Show All/None

9. Captura de Services > HTTP en tu servidor web



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



```
issue2.html X
issue2.html > html > body > h1
1 <html>
2 <body>
3 <h1 data-cy="issue2header">Renault</h1>
4 </body>
5 </html>
6
7
```

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



