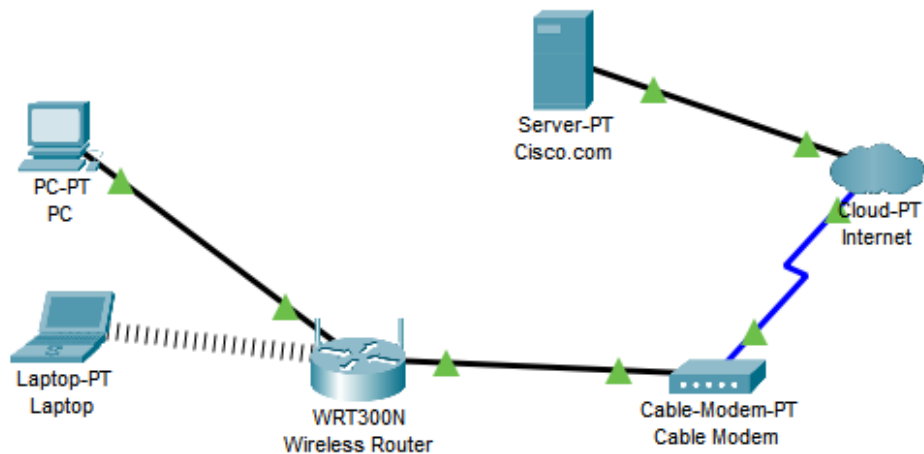
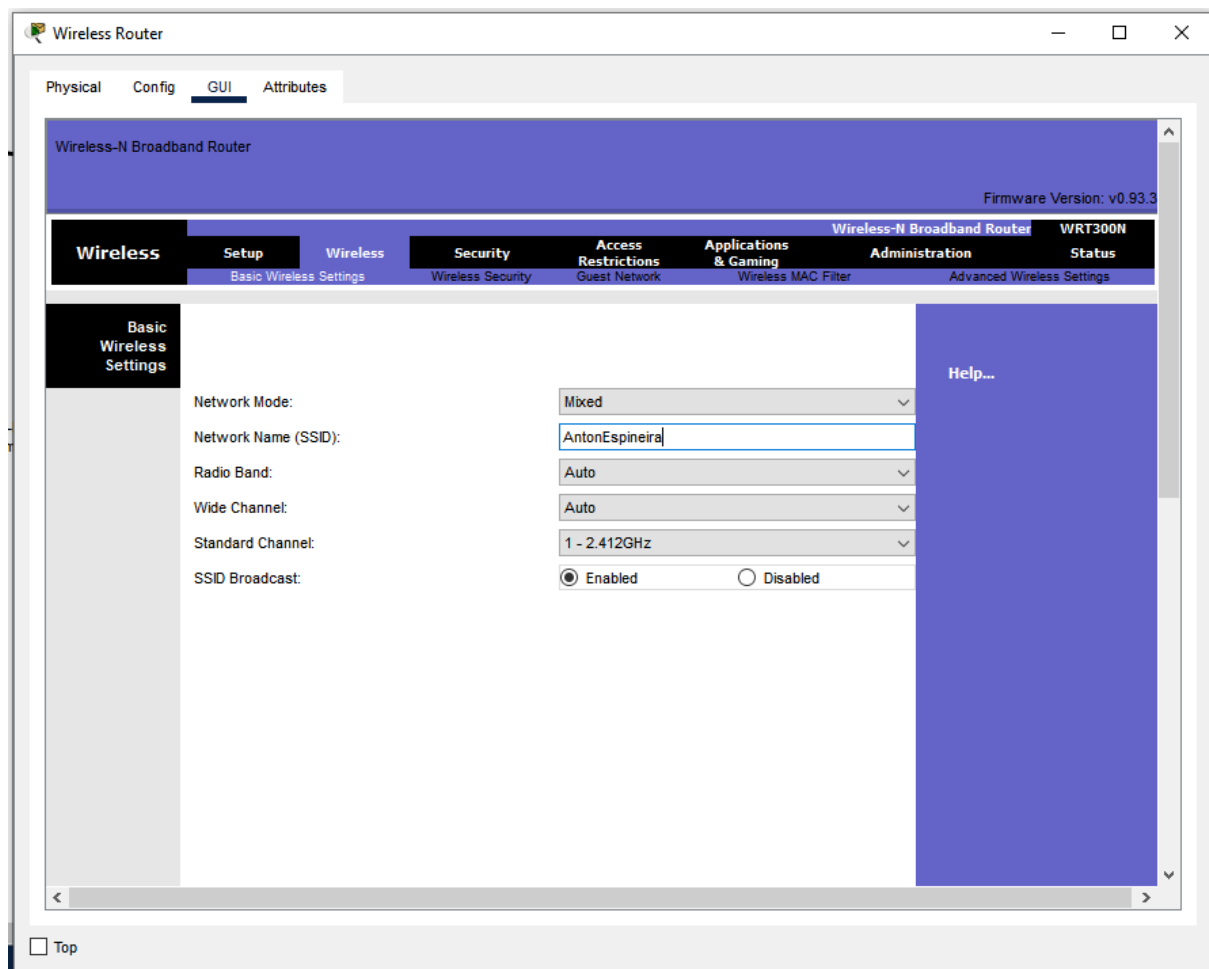


Red doméstica y servidor web con Cisco Packet Tracer
Anton Espiñeira Blanco
Curso 2024/2025

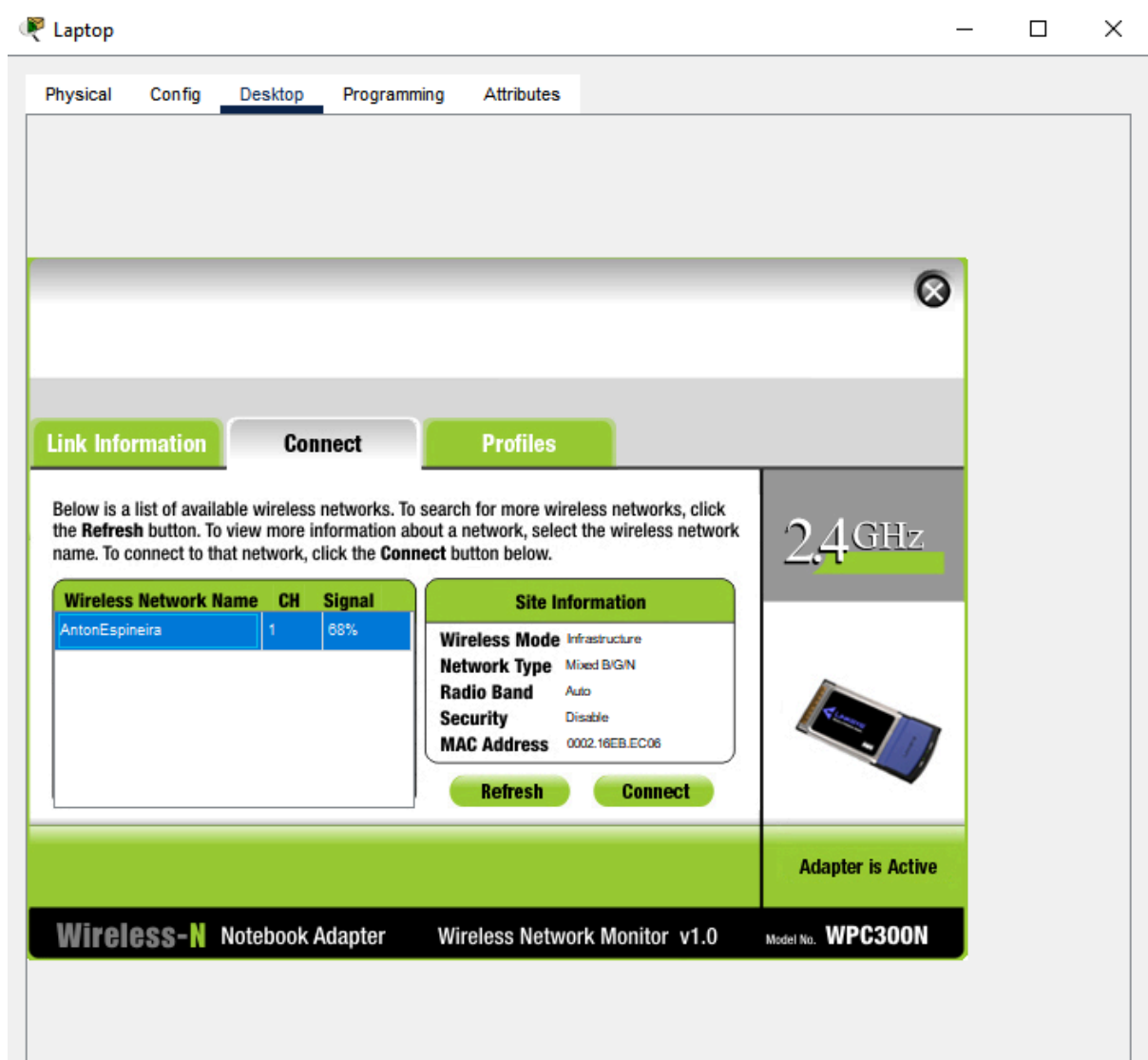
Ejercicio 1:



Ejercicio 2:



Ejercicio 3:



Ejercicio 4:

```
C:\>ipconfig /renew

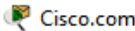
IP Address. . . . . : 192.168.0.102
Subnet Mask. . . . . : 255.255.255.0
Default Gateway. . . . . : 192.168.0.1
DNS Server. . . . . : 208.67.220.220

C:\>ipconfig /all

FastEthernet0 Connection: (default port)

Connection-specific DNS Suffix...:
Physical Address. . . . . : 00E0.8F59.8E45
Link-local IPv6 Address . . . . . : FE80::2E0:8FFF:FE59:8E45
IPv6 Address. . . . . : ::
IPv4 Address. . . . . : 192.168.0.102
Subnet Mask. . . . . : 255.255.255.0
Default Gateway. . . . . : ::
                        192.168.0.1
DHCP Servers. . . . . : 192.168.0.1
DHCPv6 IAID. . . . . :
DHCPv6 Client DUID. . . . . : 00-01-00-01-44-8E-DA-76-00-E0-8F-59-8E-45
DNS Servers. . . . . : ::
                        208.67.220.220
```

Ejercicio 5:



Physical
Config
Services
Desktop
Programming
Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DNS

DNS Service ☒ On ☐ Off

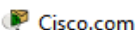
Resource Records

Name Type

Address

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

Ejercicio 6:



Physical
Config
Services
Desktop
Programming
Attributes

GLOBAL

- Settings
- Algorithm Settings
- INTERFACE**
 - FastEthernet0**

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

Subnet Mask

IPv6 Configuration

☐ Automatic

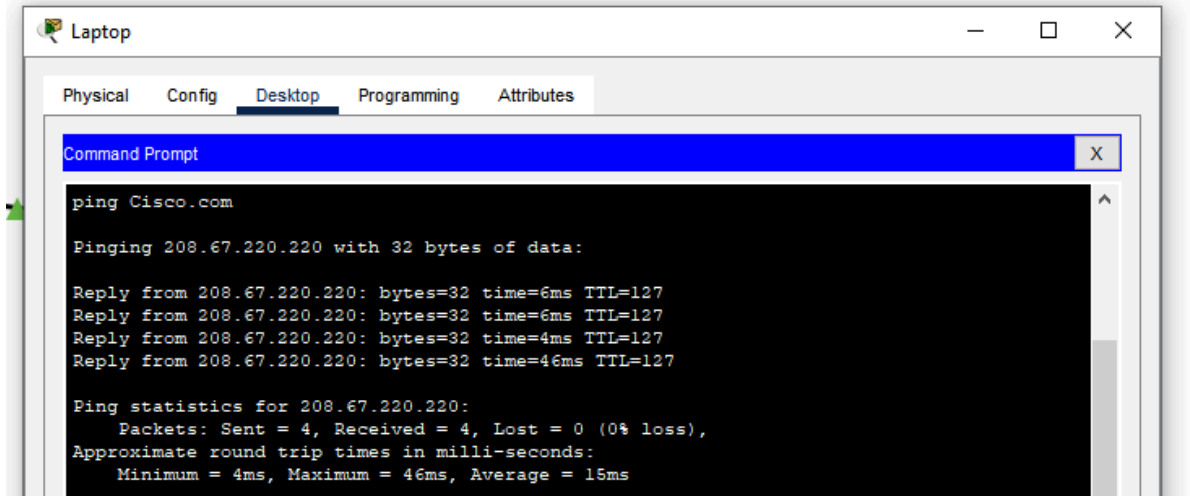
☒ Static

IPv6 Address

Link Local Address:

Ejercicio 7:

Ping desde Laptop



The screenshot shows a 'Laptop' window with tabs for Physical, Config, Desktop, Programming, and Attributes. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The command 'ping Cisco.com' has been executed, resulting in four successful replies from IP 208.67.220.220 with varying response times (6ms, 6ms, 4ms, 46ms) and a TTL of 127. The statistics show 4 packets sent and received with 0% loss, and an average round trip time of 15ms.

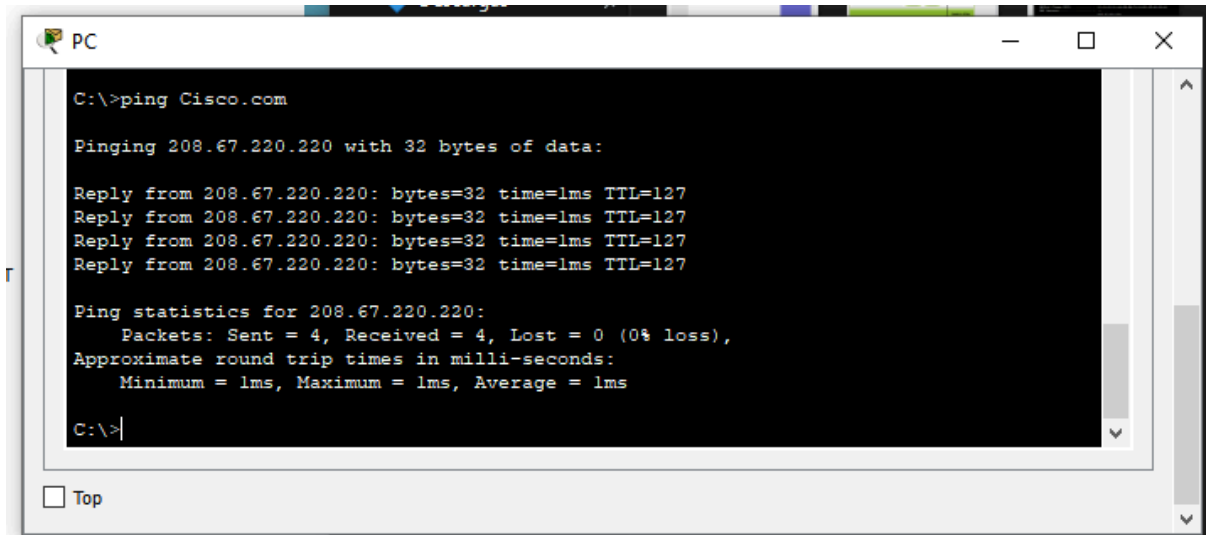
```
ping Cisco.com

Pinging 208.67.220.220 with 32 bytes of data:

Reply from 208.67.220.220: bytes=32 time=6ms TTL=127
Reply from 208.67.220.220: bytes=32 time=6ms TTL=127
Reply from 208.67.220.220: bytes=32 time=4ms TTL=127
Reply from 208.67.220.220: bytes=32 time=46ms 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 = 4ms, Maximum = 46ms, Average = 15ms
```

Ping desde PC:



The screenshot shows a 'PC' window with a 'Command Prompt' window. The command 'C:\>ping Cisco.com' has been executed, resulting in four successful replies from IP 208.67.220.220, all with a response time of 1ms and a TTL of 127. The statistics show 4 packets sent and received with 0% loss, and an average round trip time of 1ms.

```
C:\>ping Cisco.com

Pinging 208.67.220.220 with 32 bytes of data:

Reply from 208.67.220.220: bytes=32 time=1ms TTL=127
Reply from 208.67.220.220: bytes=32 time=1ms TTL=127
Reply from 208.67.220.220: bytes=32 time=1ms TTL=127
Reply from 208.67.220.220: bytes=32 time=1ms 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 = 1ms, Average = 1ms

C:\>
```

Ejercicio 8:

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.010	Laptop
	0.010	PC
	0.011	Wireless Router
	0.011	--
	0.012	Wireless Router
	0.012	Cable Modem
	0.013	Cable Modem
	0.013	Internet
	0.014	Internet
	0.014	Cisco.com
	0.014	--
	0.015	Wireless Router
	0.015	Cisco.com
	0.015	Internet
	0.016	Internet
	0.016	Cable Modem
	0.017	Cable Modem
	0.017	Wireless Router
	0.018	Wireless Router
	1.019	--

Reset Simulation
☒ Constant Delay
Captured to: 36.459 s

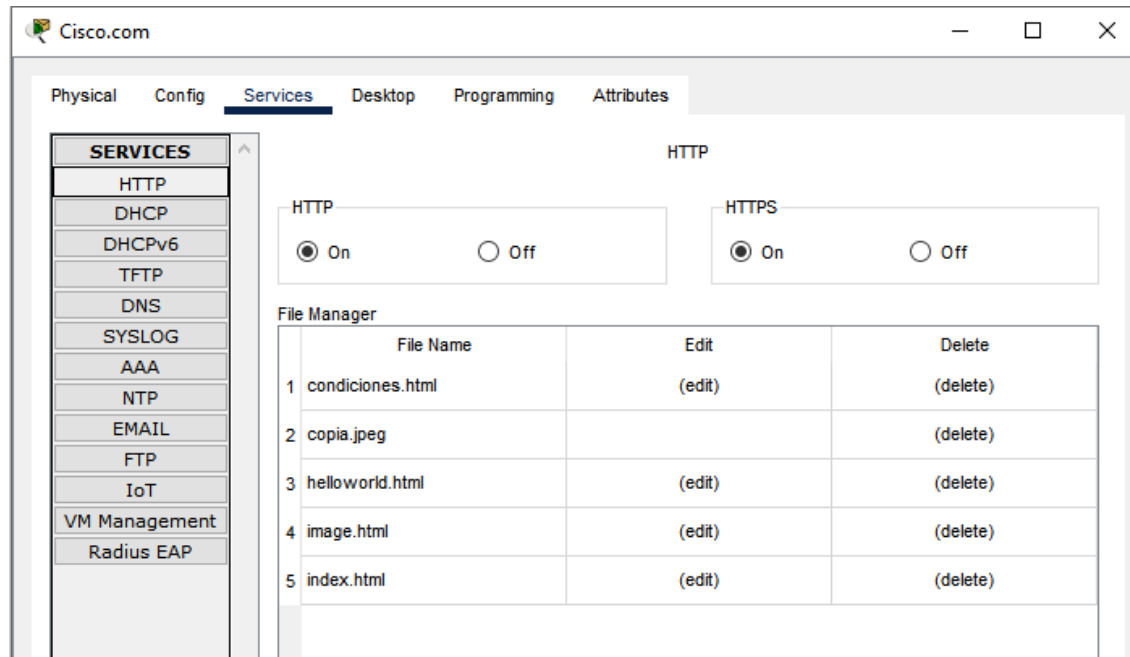
Play Controls

Event List Filters - Visible Events

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, VTP

Edit Filters
Show All/None

Ejercicio 9-1:



Cisco.com

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

HTTP

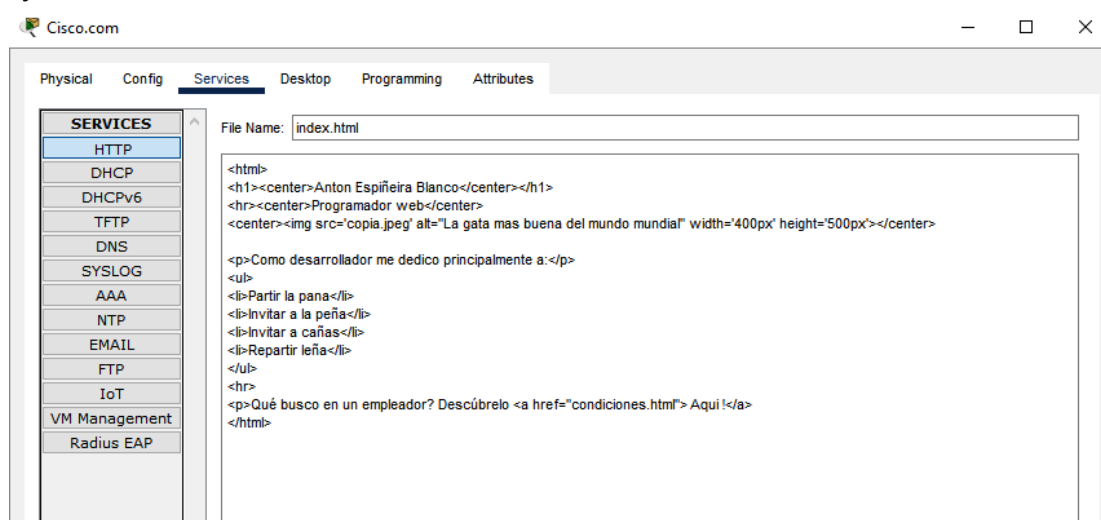
HTTP ☒ On ☐ Off

HTTPS ☒ On ☐ Off

File Manager

	File Name	Edit	Delete
1	condiciones.html	(edit)	(delete)
2	copia.jpeg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

Ejercicio 9-2:



Cisco.com

Physical Config **Services** Desktop Programming Attributes

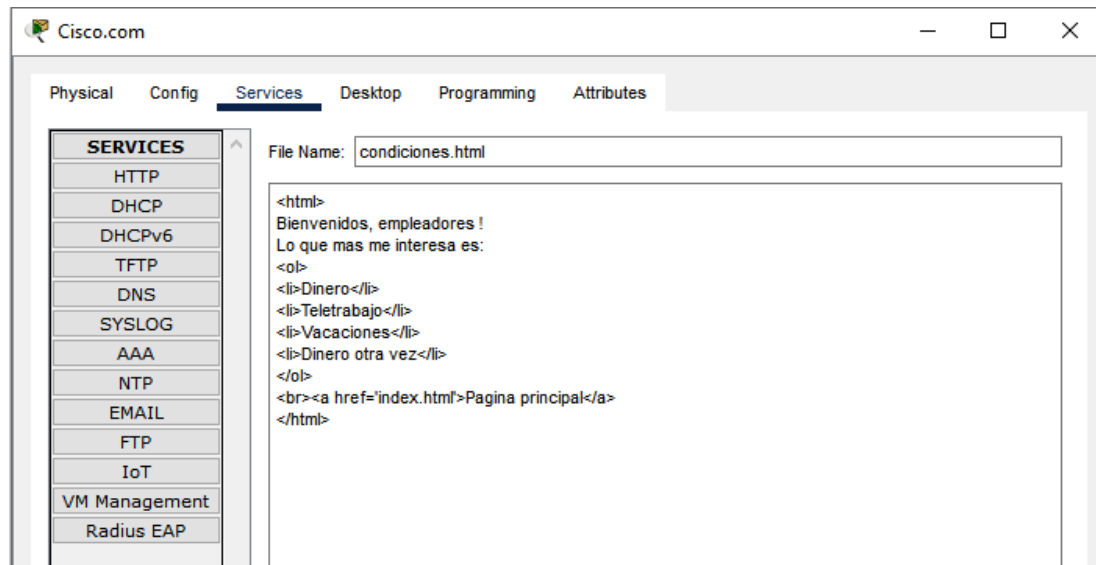
SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

File Name: index.html

```
<html>
<h1><center>Anton Espiñeira Blanco</center></h1>
<hr><center>Programador web</center>
<center><img src='copia.jpeg' alt='La gata mas buena del mundo mundial' width='400px' height='500px'></center>

<p>Como desarrollador me dedico principalmente a:</p>
<ul>
<li>Partir la pana</li>
<li>Invitar a la peña</li>
<li>Invitar a cañas</li>
<li>Repartir leña</li>
</ul>
<hr>
<p>¿Qué busco en un empleador? Descúbrelo <a href='condiciones.html'>Aqui !</a>
</html>
```



Cisco.com

Physical Config **Services** Desktop Programming Attributes

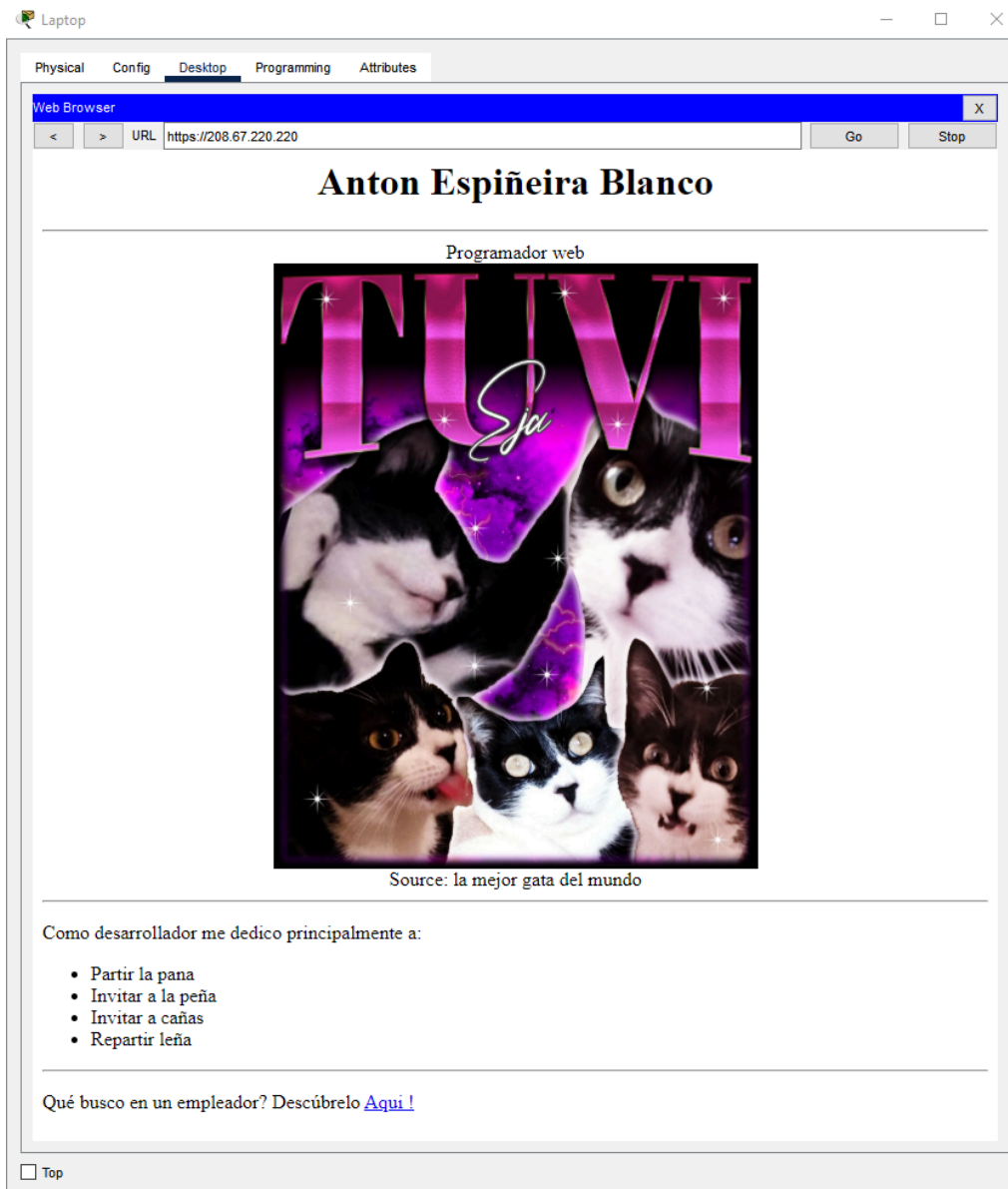
SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

File Name: condiciones.html

```
<html>
Bienvenidos, empleadores !
Lo que mas me interesa es:
<ol>
<li>Dinero</li>
<li>Teletrabajo</li>
<li>Vacaciones</li>
<li>Dinero otra vez</li>
</ol>
<br><a href='index.html'>Pagina principal</a>
</html>
```

Ejercicio 9-3: Index.html



condiciones.html

