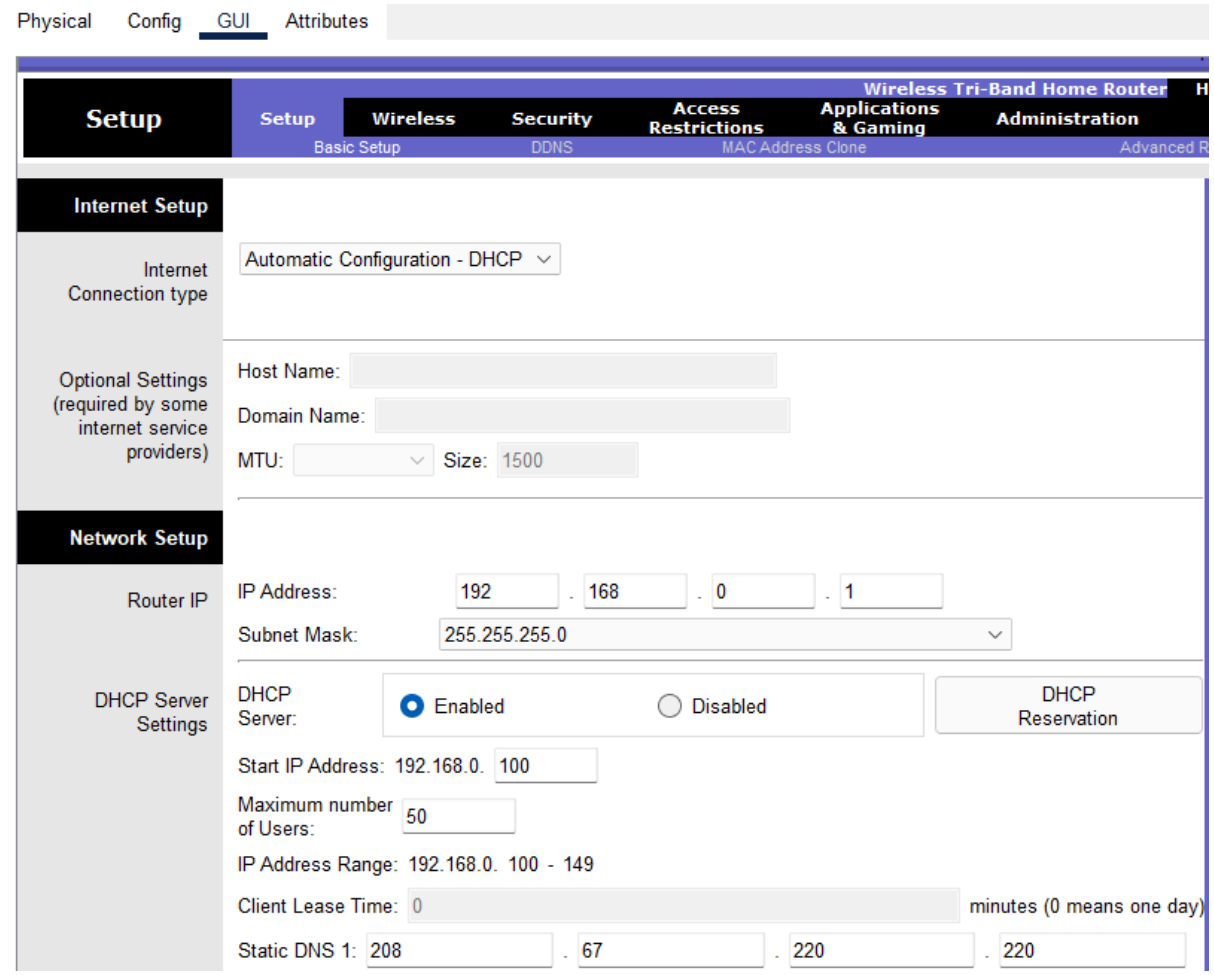
PACKET TRACER

Cisco Packet Tracer

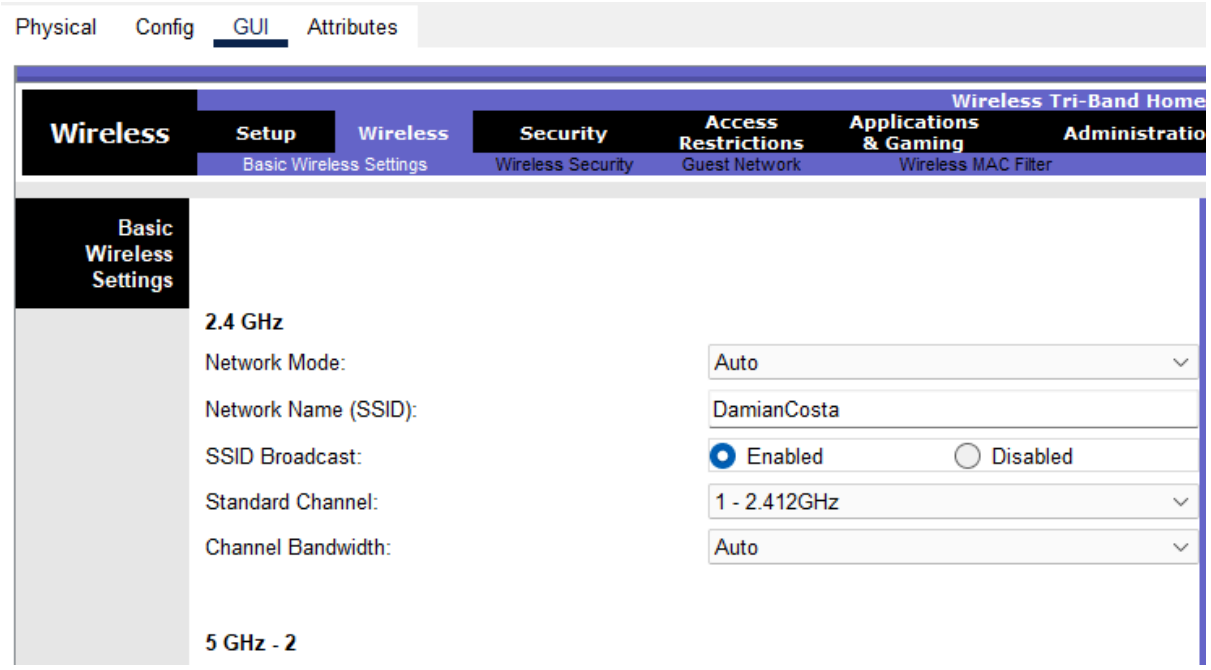
Damián Costa Blanco DAW2

1. Ponemos el Router y entramos en su configuración:

Modificamos los parámetros como vemos ahí.(Setup y wireless)

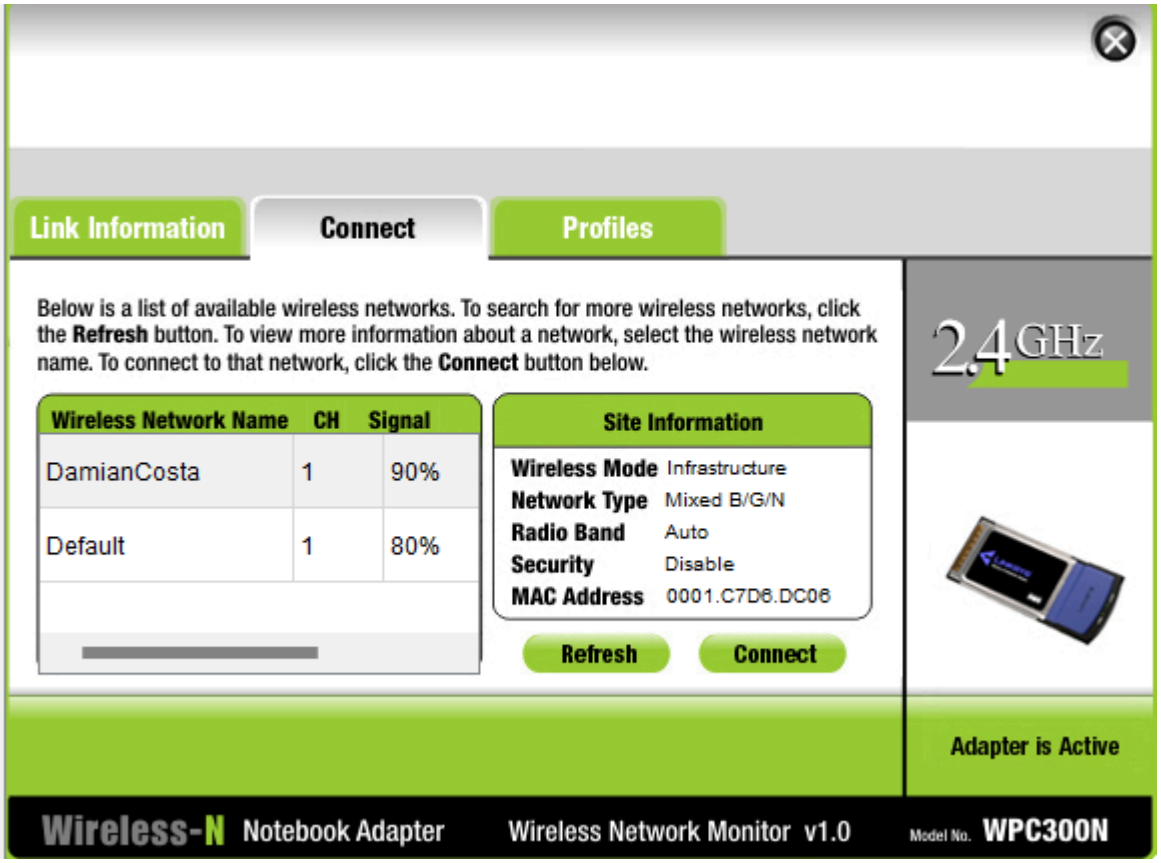


WIRELESS:

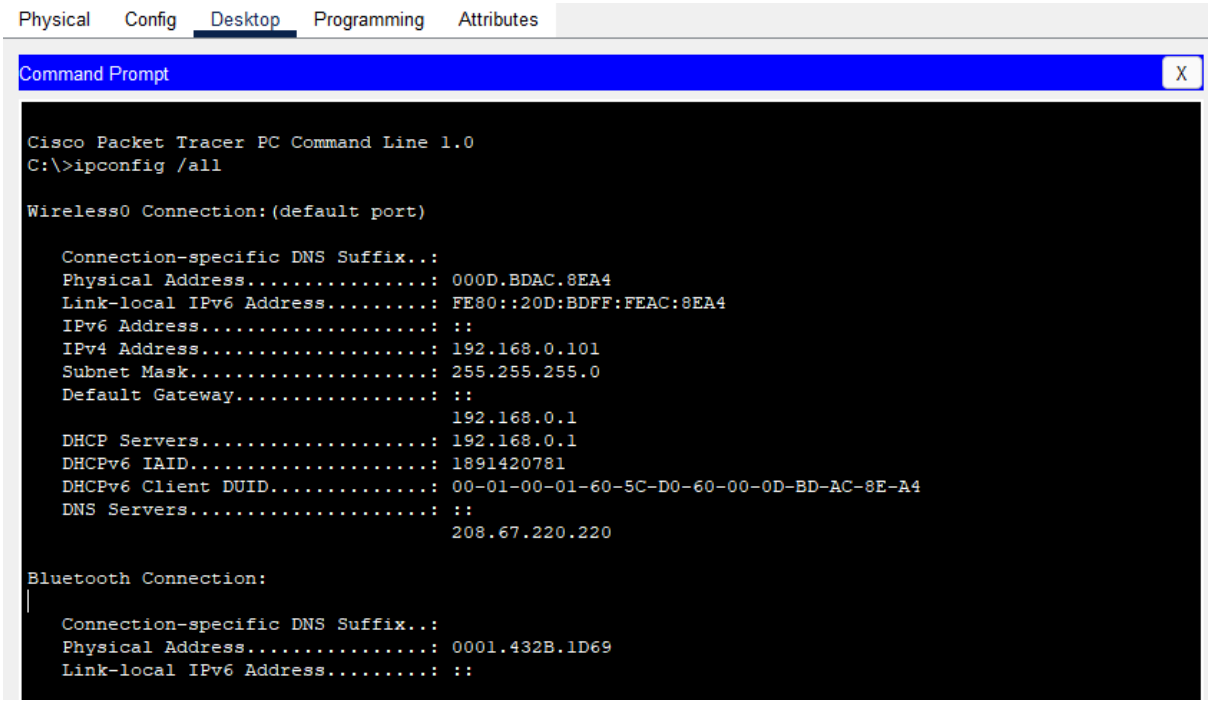


2. Ahora pillamos un portátil laptop y quitamos el conector de cable e introducimos el de wifi. 

clickamos en el laptop < Desktop < pc Wireless < connect < DamianCosta



Prompt para ver la ipconfig /all del portatil



3. Ahora cogemos un pc de sobremesa y establecemos la conexión con el router a través del cable ethernet, después usamos ipconfig /all para verificar su contenido:

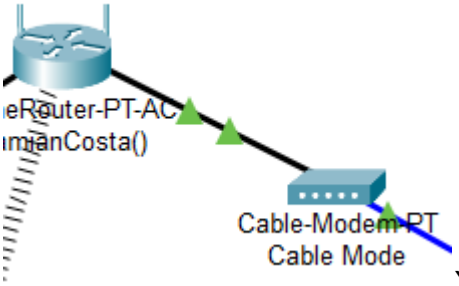
```
C:\>ipconfig /all

FastEthernet0 Connection:(default port)

   Connection-specific DNS Suffix..:
   Physical Address.....: 0003.E42A.3877
   Link-local IPv6 Address.....: FE80::203:E4FF:FE2A:3877
   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.....: 00-01-00-01-34-9C-6C-C7-00-03-E4-2A-38-77
   DNS Servers.....: ::
                         208.67.220.220

Bluetooth Connection:
```

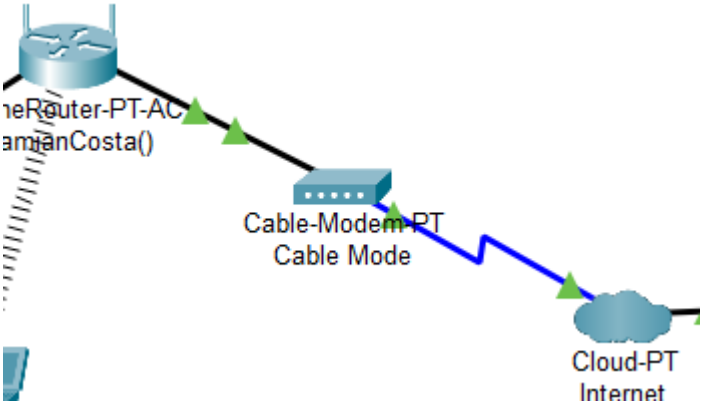
4. Instalamos el Modem:



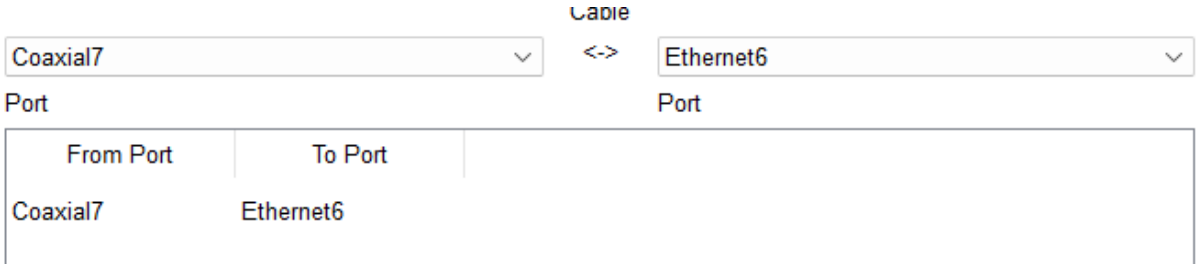
Y lo conectamos con el router.

5. Seguimos con la nube:

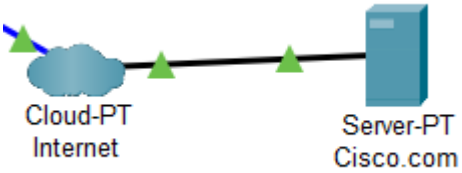
Conectándolo respectivamente con el modem



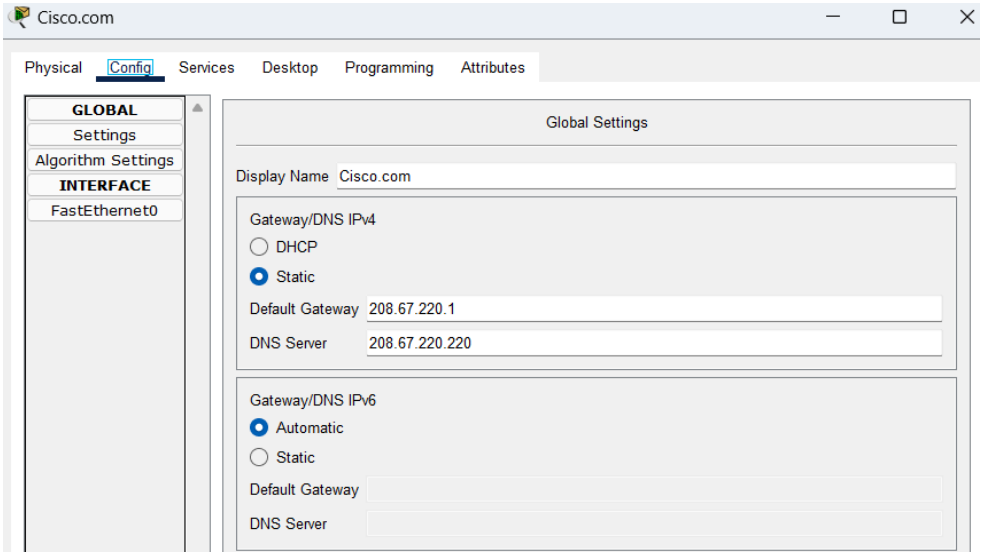
Con la nube tenemos que hacer un par de ajustes a comparación del modem.
Nos dirigimos a Config < Ethernet6 y pasamos de DSL a cable.
Ahora Config < Cable:



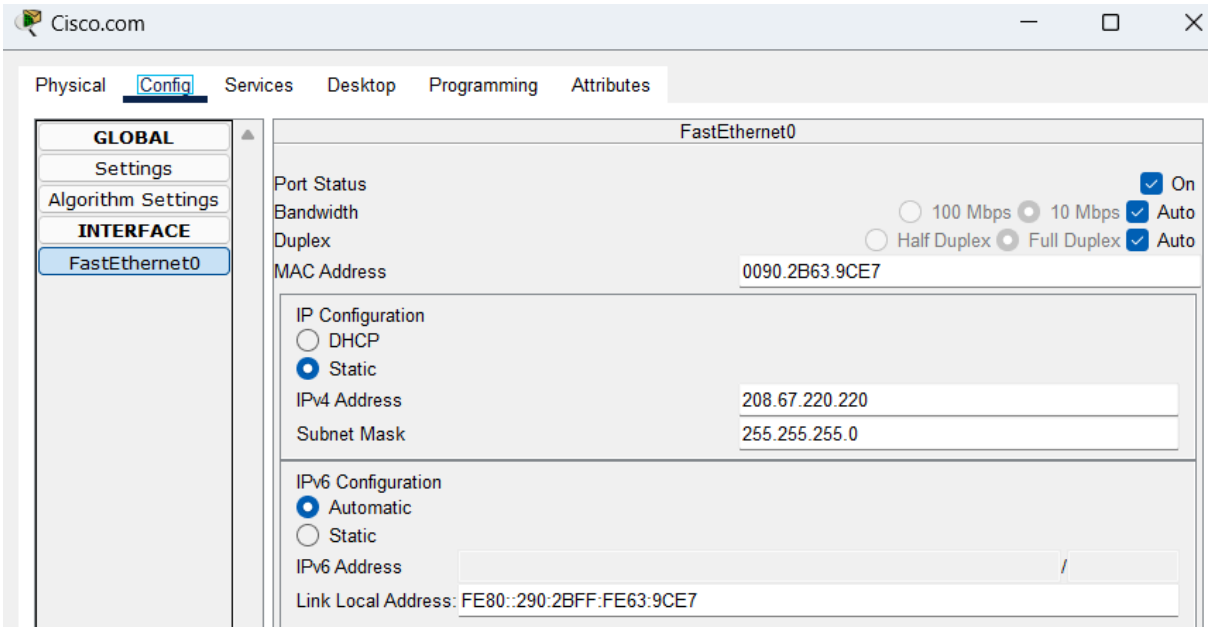
6. Por último y más datos a introducir el Servidor Cisco.com



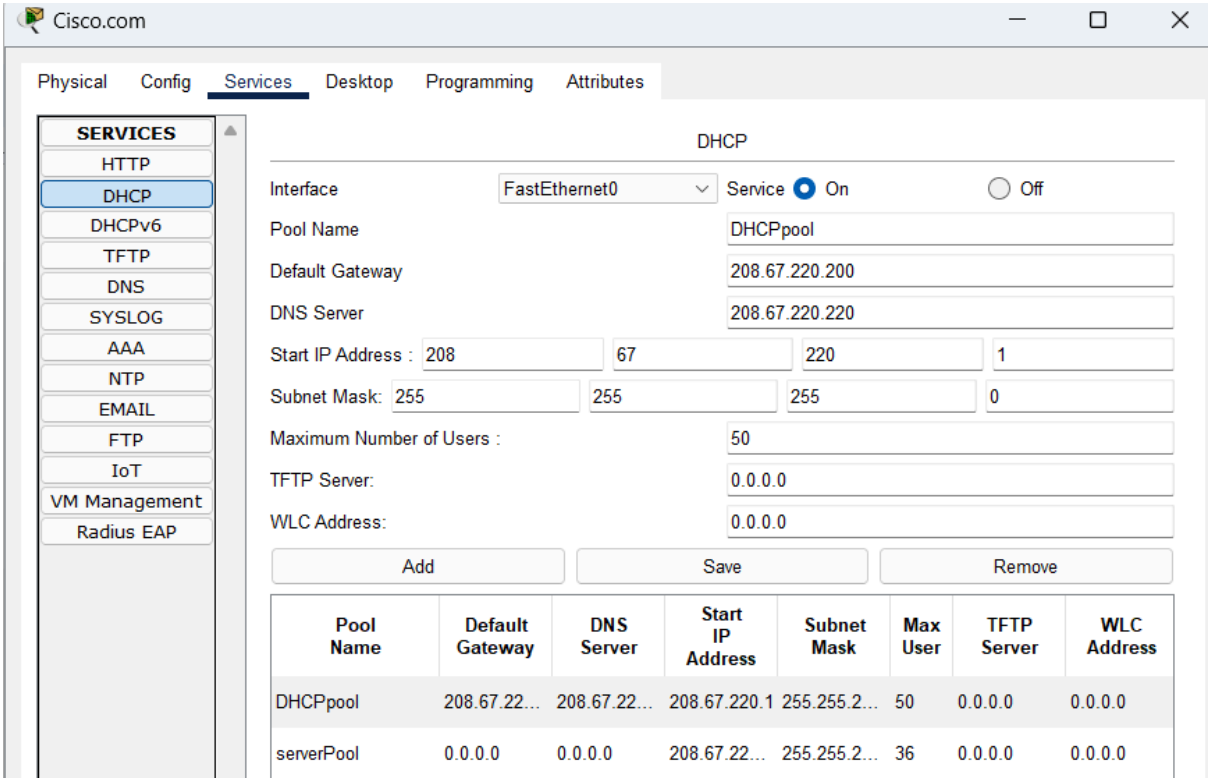
La configuración básica del servidor:



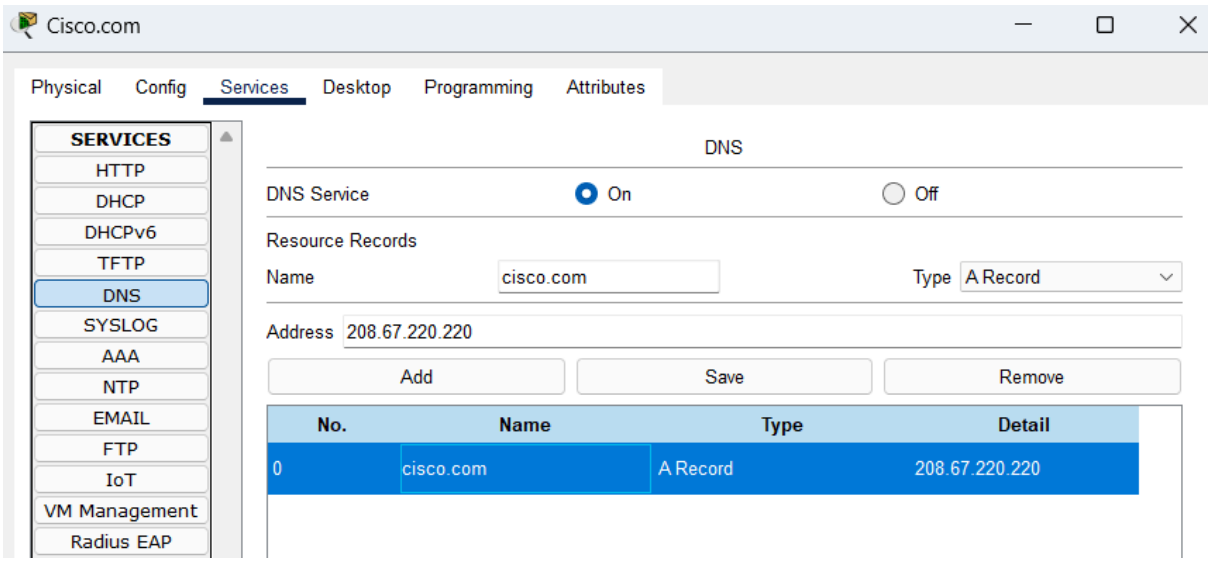
FastEthernet0:



Servicios DCHP:


Cisco.com
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
DHCP
Interface
FastEthernet0
Service
On
Off
Pool Name
DHCPpool
Default Gateway
208.67.220.200
DNS Server
208.67.220.220
Start IP Address :
208
67
220
1
Subnet Mask:
255
255
255
0
Maximum Number of Users :
50
TFTP Server:
0.0.0.0
WLC Address:
0.0.0.0
Add
Save
Remove
Pool Name
Default Gateway
DNS Server
Start IP Address
Subnet Mask
Max User
TFTP Server
WLC Address
DHCPpool
208.67.22...
208.67.22...
208.67.220.1
255.255.2...
50
0.0.0.0
0.0.0.0
serverPool
0.0.0.0
0.0.0.0
208.67.22...
255.255.2...
36
0.0.0.0
0.0.0.0

DNS: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AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
DNS
DNS Service
On
Off
Resource Records
Name
cisco.com
Type
A Record
Address
208.67.220.220
Add
Save
Remove
No.
Name
Type
Detail
0
cisco.com
A Record
208.67.220.220

7. Comprobar conexión desde pc a servidor.

```
C:\>ipconfig /release

   IP Address.....................: 0.0.0.0
   Subnet Mask....................: 0.0.0.0
   Default Gateway................: 0.0.0.0
   DNS Server.....................: 0.0.0.0

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:\>ping cisco.com

Pinging 208.67.220.220 with 32 bytes of data:

Reply from 208.67.220.220: bytes=32 time=2ms TTL=127
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=6ms 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 = 2ms, Maximum = 6ms, Average = 5ms
```