

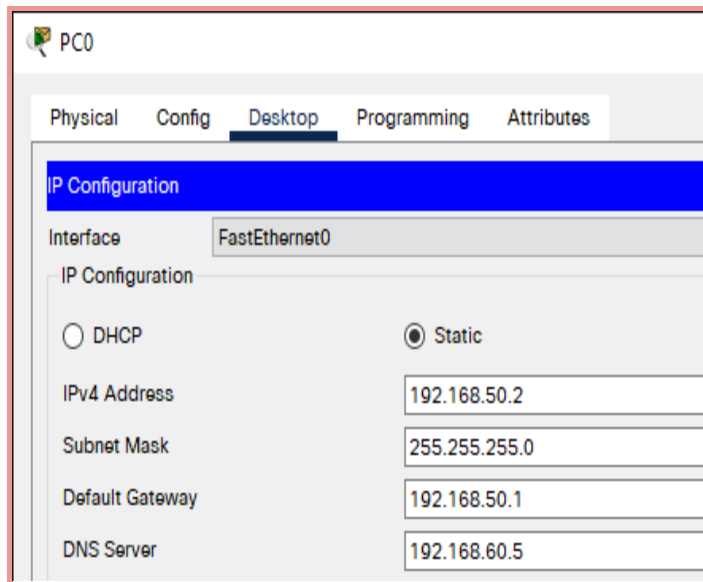
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Nessa etapa faremos a configuração dos serviços HTTP, DHCP, FTP e DNS.

1) Configurar e testar o serviço DNS

Configurar os PC's da rede 192.168.50.0 para usar o endereço de DNS 192.168.60.5

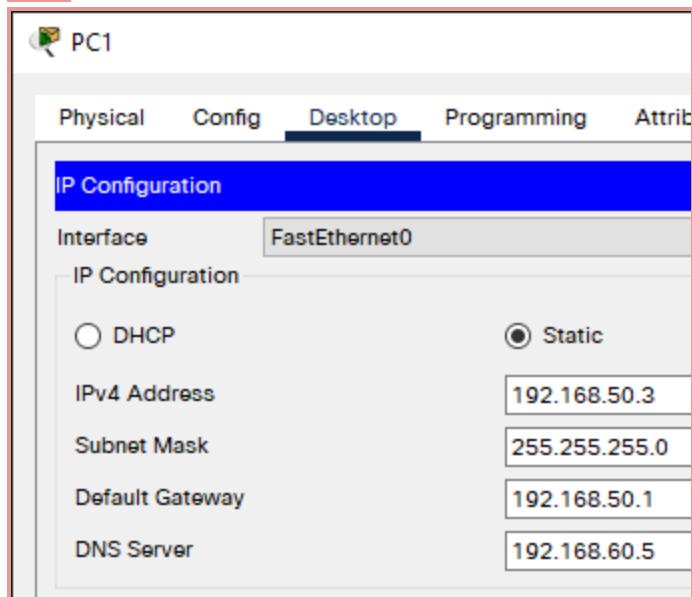
PC0



The screenshot shows the configuration window for PC0. The 'Desktop' tab is selected. Under 'IP Configuration', the 'Static' radio button is chosen. The fields are filled with the following values:

Field	Value
Interface	FastEthernet0
IPv4 Address	192.168.50.2
Subnet Mask	255.255.255.0
Default Gateway	192.168.50.1
DNS Server	192.168.60.5

PC01

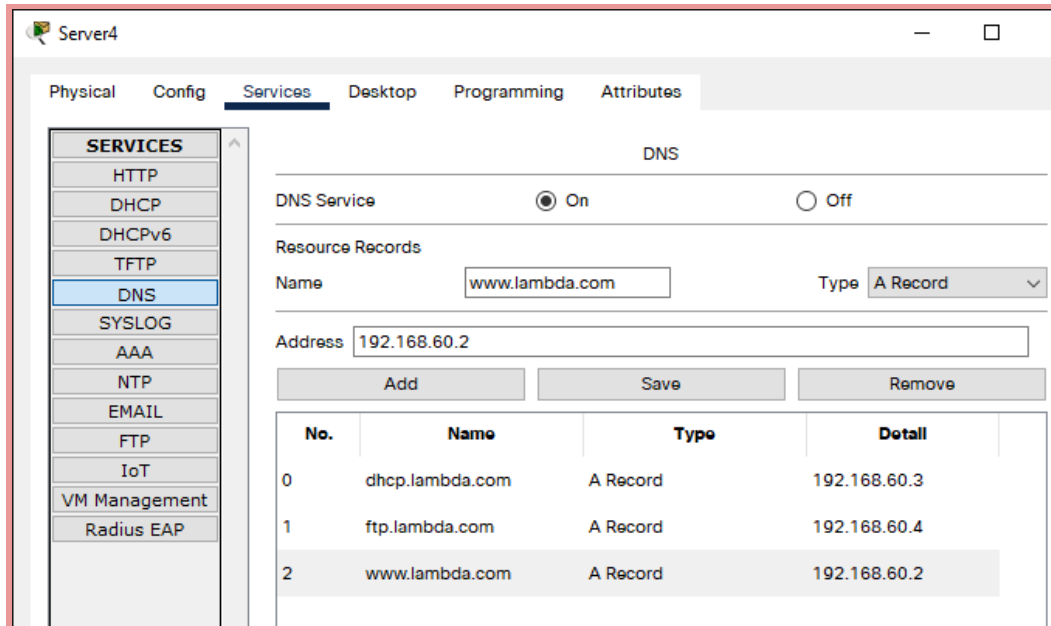


The screenshot shows the configuration window for PC01. The 'Desktop' tab is selected. Under 'IP Configuration', the 'Static' radio button is chosen. The fields are filled with the following values:

Field	Value
Interface	FastEthernet0
IPv4 Address	192.168.50.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.50.1
DNS Server	192.168.60.5

Configurar o serviço DNS no computador dns.lambda.com cujo endereço IP é 192.168.60.5

Seguir a configuração conforme a figura DNS-01.jpeg



Testar a partir do PC0 ou do PC1 a conectividade usando os seguintes comandos:

Testes no PC01

```
C:#>ping ftp.lambda.com
```

```
C:\>ping ftp.lambda.com

Pinging 192.168.60.4 with 32 bytes of data:

Reply from 192.168.60.4: bytes=32 time=11ms TTL=125
Reply from 192.168.60.4: bytes=32 time=11ms TTL=125
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125
Reply from 192.168.60.4: bytes=32 time=12ms TTL=125

Ping statistics for 192.168.60.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 11ms, Maximum = 12ms, Average = 11ms
```

```
C:#>ping dhcp.lambda.com
```

```
C:\>ping dhcp.lambda.com

Pinging 192.168.60.3 with 32 bytes of data:

Reply from 192.168.60.3: bytes=32 time=10ms TTL=125
Reply from 192.168.60.3: bytes=32 time=11ms TTL=125
Reply from 192.168.60.3: bytes=32 time=1ms TTL=125
Reply from 192.168.60.3: bytes=32 time=11ms TTL=125

Ping statistics for 192.168.60.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 11ms, Average = 8ms
```

```
C:#>ping www.lambda.com
```

```
C:\>ping www.lambda.com

Pinging 192.168.60.2 with 32 bytes of data:

Reply from 192.168.60.2: bytes=32 time=10ms TTL=125
Reply from 192.168.60.2: bytes=32 time=11ms TTL=125
Reply from 192.168.60.2: bytes=32 time=11ms TTL=125
Reply from 192.168.60.2: bytes=32 time=12ms TTL=125

Ping statistics for 192.168.60.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 12ms, Average = 11ms
```

Observação: No início a resposta é lenta por conta do processo de resolução de nomes.

2) Configurar e testar o serviço HTTP

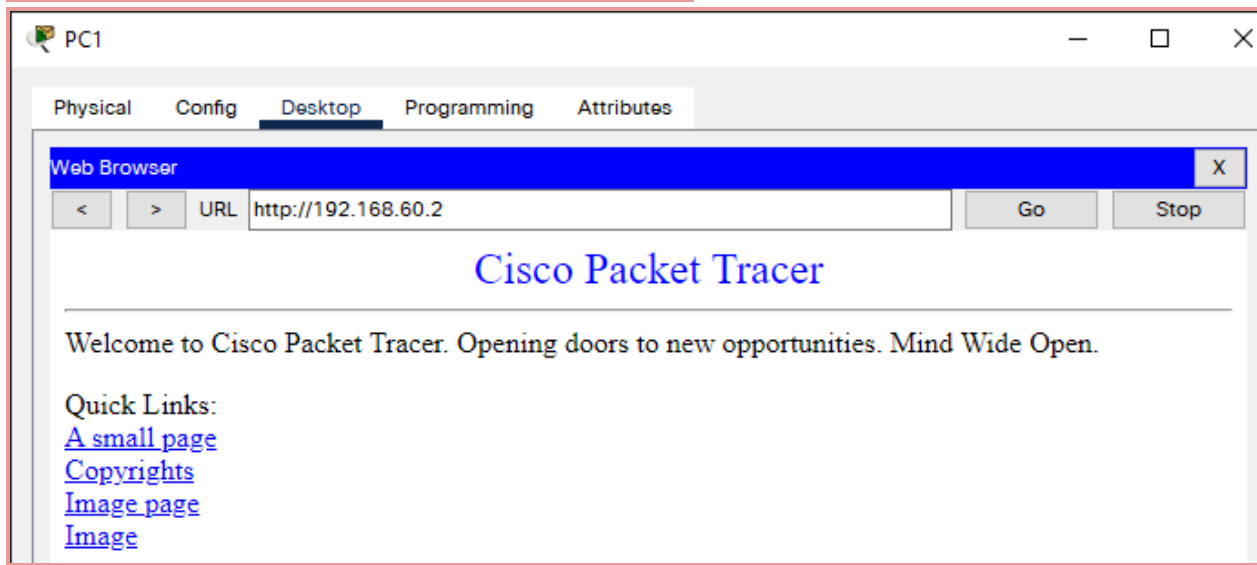
A configuração do serviço HTTP consiste em ativá-lo conforme a figura

Testes HTTP

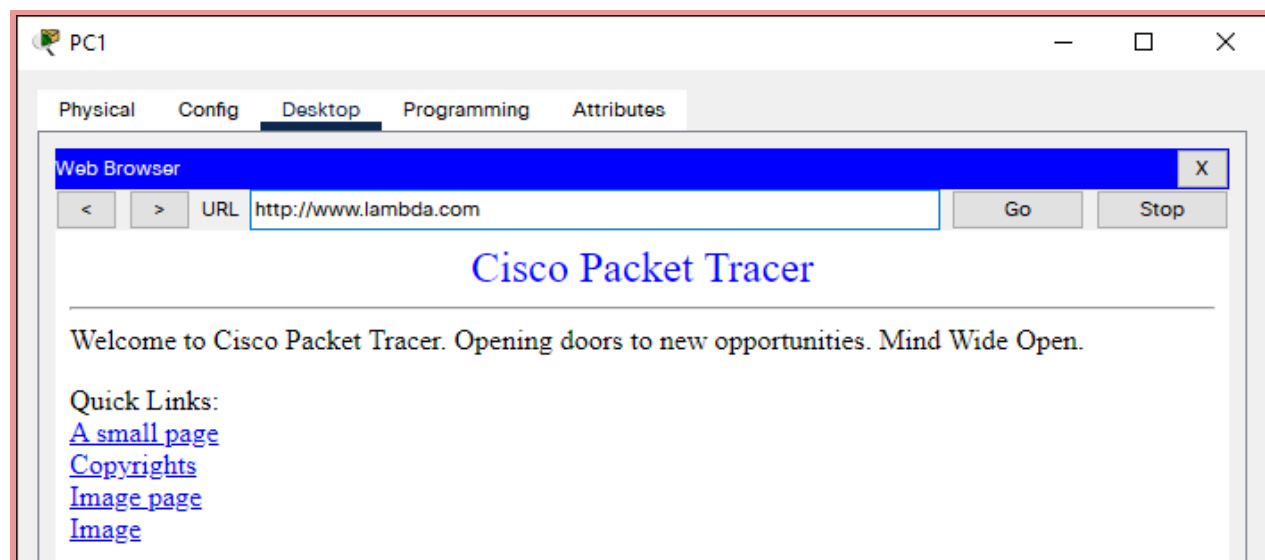
do PC1 chamar do WebBrowser a URL 192.168.60.2

do PC1 chamar do WebBrowser a URL <http://www.lambda.com>

PC1 chamar do WebBrowser a URL 192.168.60.2



PC1 chamar do WebBrowser a URL http://www.lambda.com



3) Configurar e testar o serviço DHCP

Configurar um computador da rede 192.168.50.0 com DHCP (Ip Dinamico)
Observar se o endereço IP é configurado.

Para receber endereços DHCP na rede 192.168.50.0 é necessário configurar a interface do roteador a qual está configurado o default gateway. Assim os broadcast de requisição de endereço DHCP serão passados adiante.

Configurar a interface Fastethernet 6/0 do roteador R1 para

encaminhar broadcast de requisição DHCP até o DHCP Server 192.168.60.3

R1#configure terminal

Enter configuration commands, one per line. End with CTRL/Z.

R1(config)#interface fastethernet 6/0

R1(config-if)#ip helper-address 192.168.60.3

R1(config-if)#end

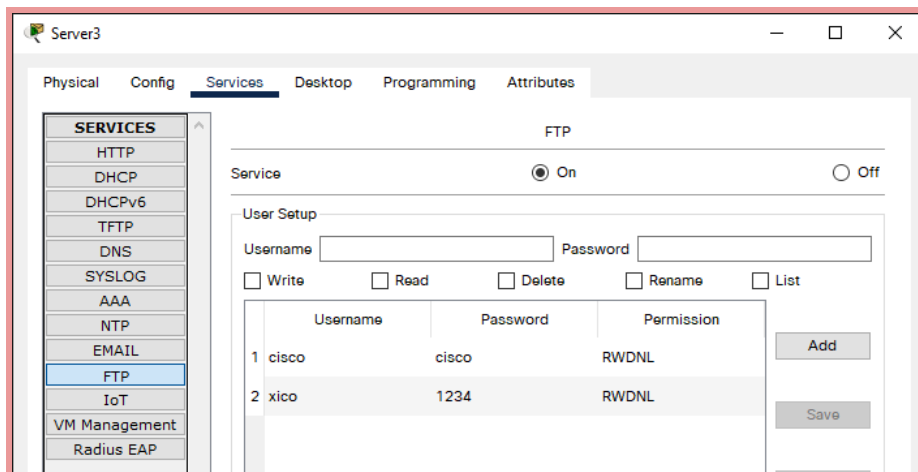
R1#

Observar se o endereço IPv4 foi configurado no computador.

Testar a conectividade usando o ping para o IP 192.168.60.2

Não consegui fazer

4) Configurar e testar o serviço FTP



C:\>ftp ftp.lambda.com

Trying to connect...ftp.lambda.com

Connected to ftp.lambda.com

220- Welcome to PT Ftp server

Username:xico

331- Username ok, need password

Password: 1234

230- Logged in

(passive mode On)

ftp>dir

ftp>help

```
C:\>ftp ftp.lambda.com
Trying to connect...ftp.lambda.com
Connected to ftp.lambda.com
220- Welcome to PT Ftp server
Username:xico
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>dir

Listing /ftp directory from ftp.lambda.com:
0   : asa842-k8.bin                5571584
1   : asa923-k8.bin                30468096
2   : cl841-advipservicesk9-mz.l24-15.T1.bin 33591768
3   : cl841-ipbase-mz.l23-14.T7.bin 13832032
```