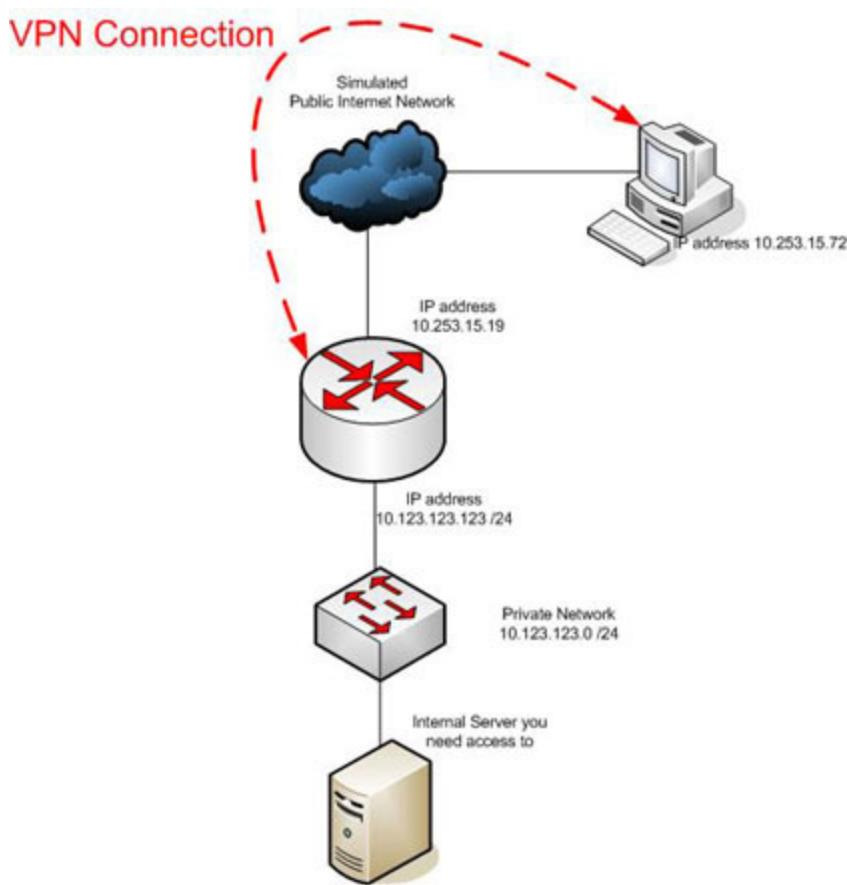


configurar vpn cisco con windows xp



Creamos la vpn compatible con Windows (PPTP)

```
Router(config)# vpdn enable

Router(config)# vpdn-group TEST-VPN
Router(config-vpdn)# accept-dialin
Router(config-vpdn)# protocol pptp
Router(config-vpdn)# virtual-template 1
Router(config-vpdn)# exit
```

Configuramos las direcciones ip del interface

```
Router(config)# interface ethernet0/0
Router(config-if)# ip address 10.253.15.19 255.255.0.0
Router(config-if)# no shutdown
Router(config)# interface ethernet0/1
Router(config-if)# ip address 10.123.123.123 255.255.255.0
Router(config-if)# no shutdown
```

Creamos una plantilla virtual para aplicar a la vpn

```
Router(config)# interface Virtual-Template1
Router(config-if)# ip unnumbered Ethernet0/1
Router(config-if)# peer default ip address pool defaultpool
Router(config-if)# ppp encrypt mppe auto required
Router(config-if)# ppp authentication ms-chap ms-chap-v2
```

Creamos un pool de direcciones para la vpn (pool que no debe estar en uso)

```
Router(config)# ip local pool defaultpool 10.123.123.1 10.123.123.10
```

Creamos un usuario

```
Router(config)# username test password 0 test
```

Configuramos la autenticación PPP hacia la base de datos local

```
Router(config)# aaa new-model
Router(config)# aaa authentication ppp default local
```

Todo el código sera

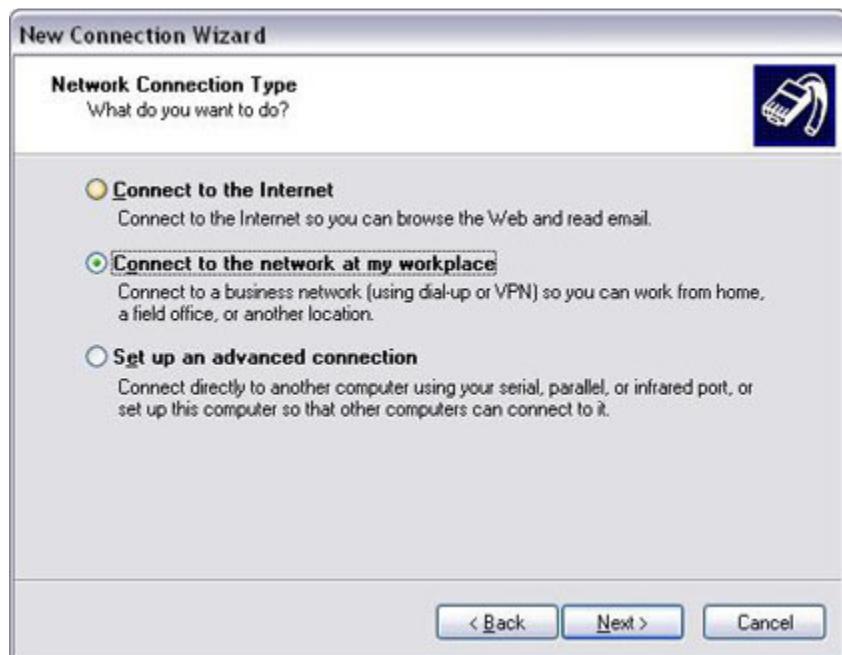
```
username test password 0 test
aaa new-model
!
!
aaa authentication ppp default local
!
vpdn enable
!
vpdn-group TEST-VPN
! Default PPTP VPDN group
accept-dialin
protocol pptp
virtual-template 1
!
interface Ethernet0/0
ip address 10.253.15.19 255.255.0.0
no shutdown
interface Ethernet0/1
ip address 10.123.123.123 255.255.255.0
no shutdown
!
```

```
interface Virtual-Template1  
  
ip unnumbered Ethernet0/1  
peer default ip address pool defaultpool  
ppp encrypt mppe auto required  
ppp authentication ms-chap ms-chap-v2  
!  
ip local pool defaultpool 10.123.123.1 10.123.123.10
```

Windows client

Desde windows, debemos crear una conexión nueva, conectar a la red de mi lugar de trabajo

Figure B



Seleccionamos VPN

Figure C



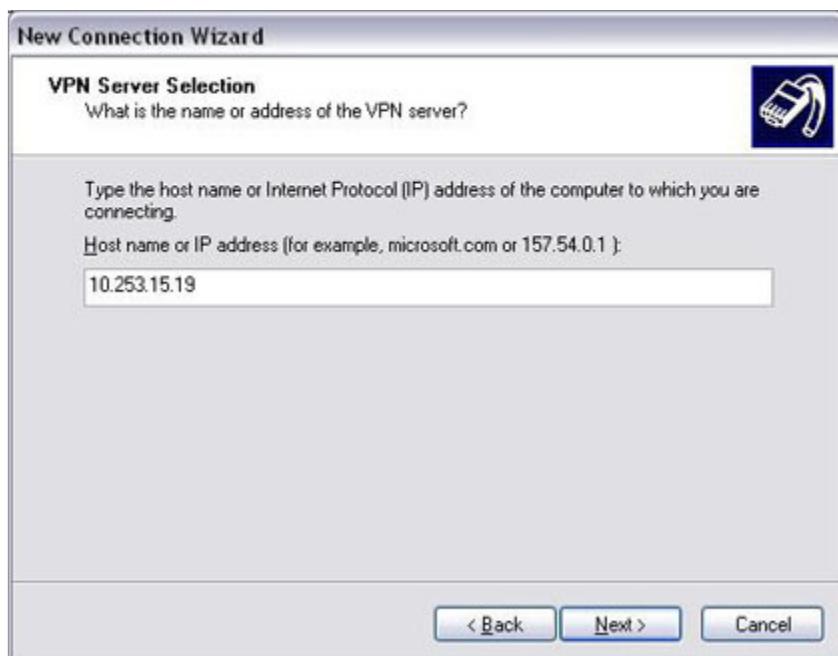
Le ponemos un nombre

Figure D



Ahora ponemos la IP del router que nosotros podemos y que nos dará acceso a la VPN, digamos que es la pata visible de router que tiene la vpn

Figure E



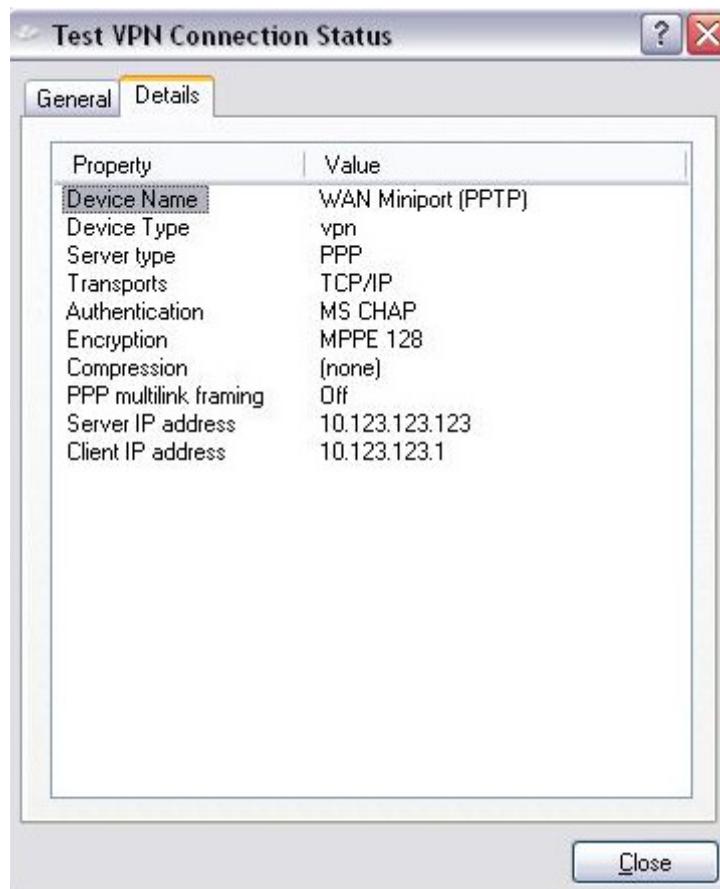
Finalizamos la conexión y se nos pide los datos de autenticación

Figure F



Click Connect.

Once connected, you should see the VPN icon in your Windows tray, at the bottom right of your screen. If you open the VPN connection and click on details, you should see that you received an IP address from the pool, as seen in Figure G.

Figure G

You should be able to ping the LAN side of the router (the inside, private network) and any host on that network.

That's it!

The configuration is complete. Hopefully, you can take this configuration and fit it to your network, blending it with your personal Firewall, NAT, and active directory configuration.