

## How to forward the remote user's PPTP traffic to the Lan to LanIPSec Tunnel

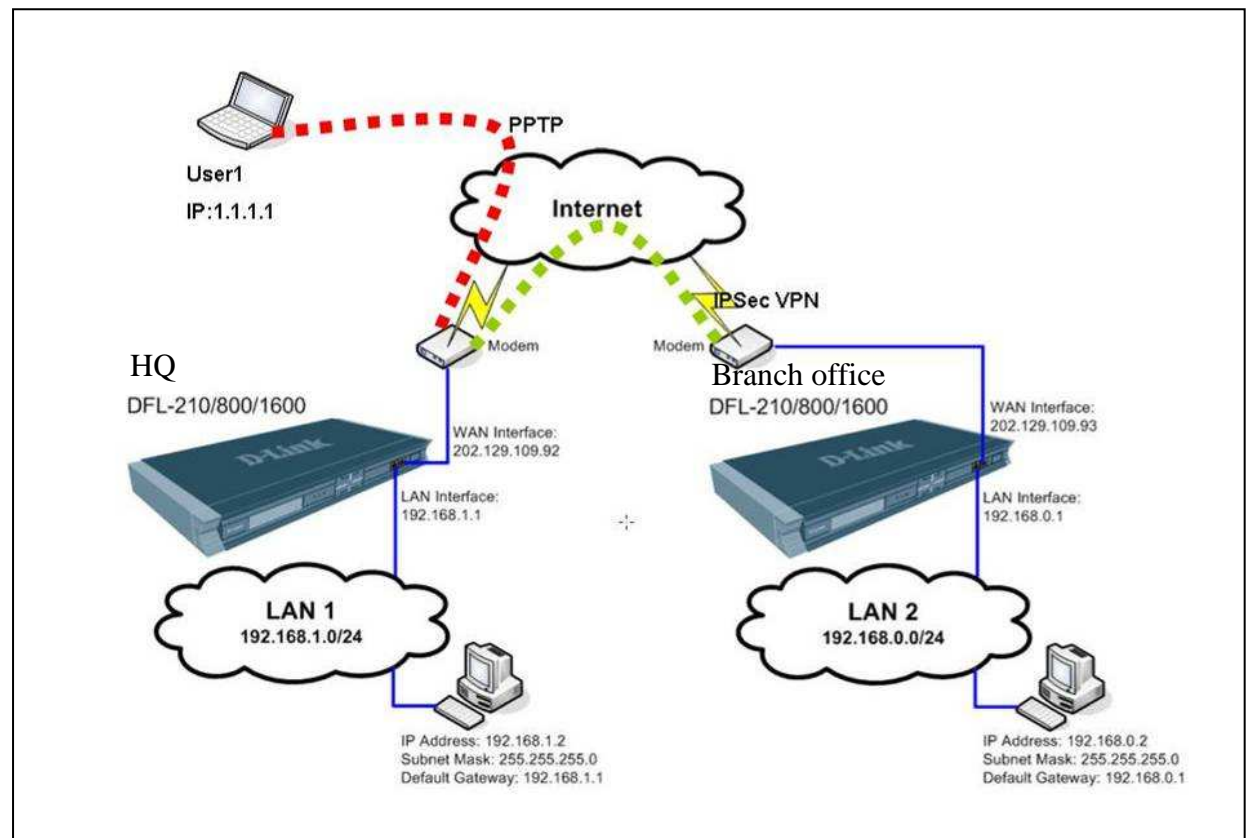
Before the scenario hands-on, we assume that the readers already along with following abilities and resource:

1. The simple routing concept
2. The basic concept for LAN-to-LAN IPSEC. You can refer the KM, DK0600062 for the detail configuration.

### Scenario summary:

#### DFL model f/w v2.12 or later

1. Establish a IPSEC tunnels between both DFL model
2. Establish PPTP tunnel between the user1 and DFL IP: 202.129.109.92, and this DFL device will forward the PPTP to LAN2



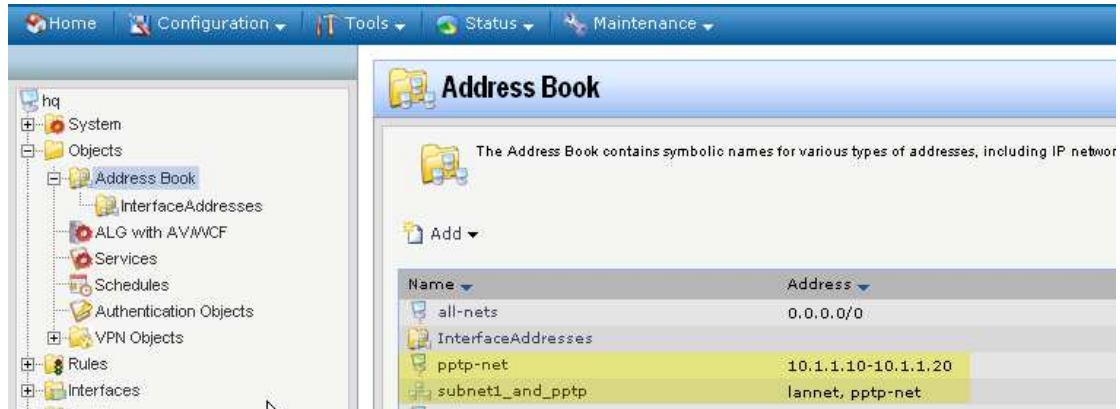
### Requirement:

1. Set PPTP connection.
2. Set IP rule to forward traffic.

## HQ firewall

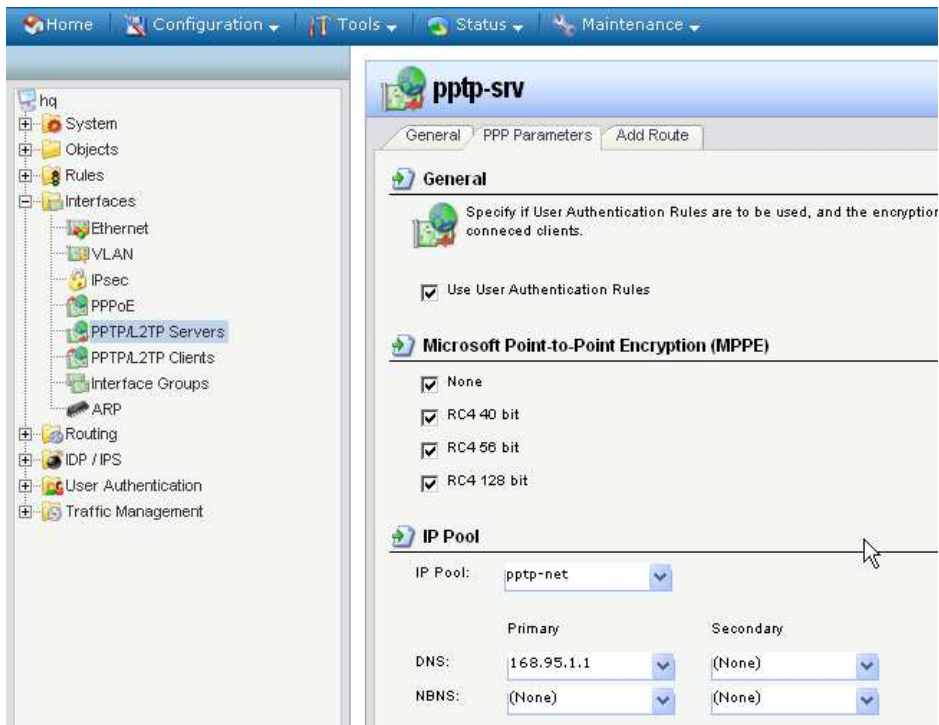
Step 1. Set up IPSEC tunnel. Please refer the KM, DK0600062 for the detail configuration.

Step 2. Create two address objects for PPTP server.

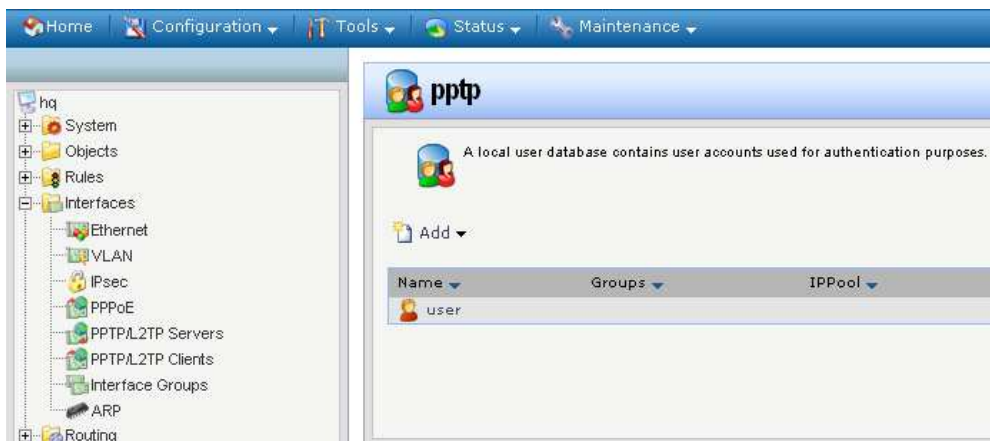
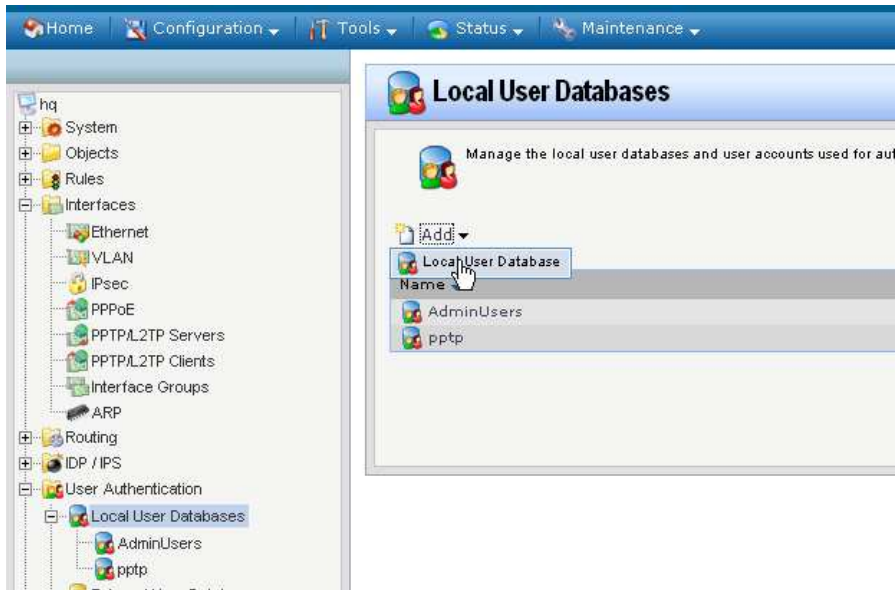


Step 3. Create a PPTP server as the following.

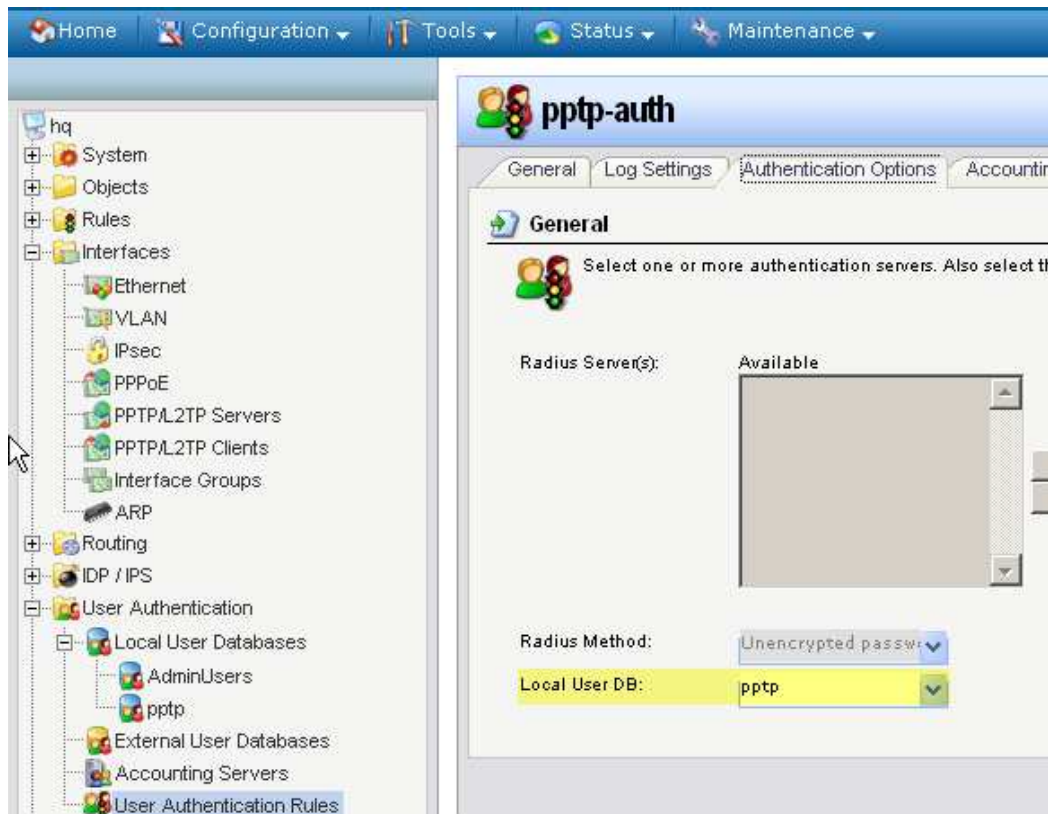
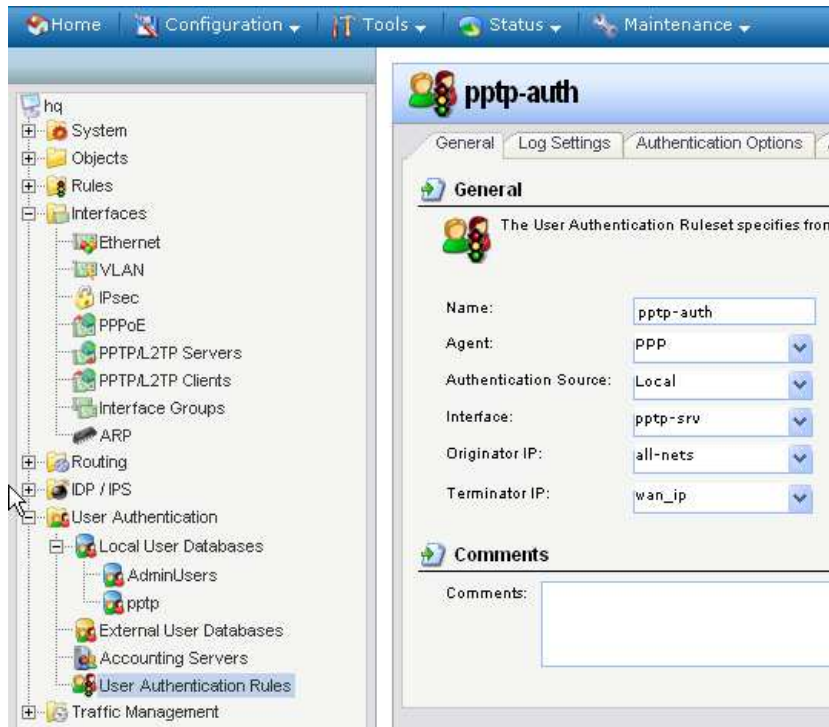




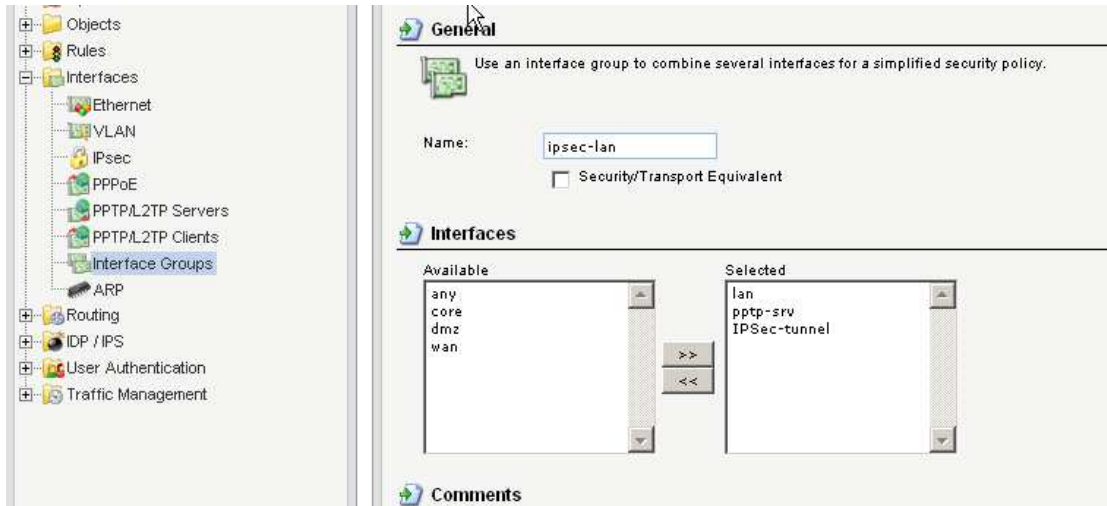
Step 4. Create a local user database, named “pptp” and add a user object in it.



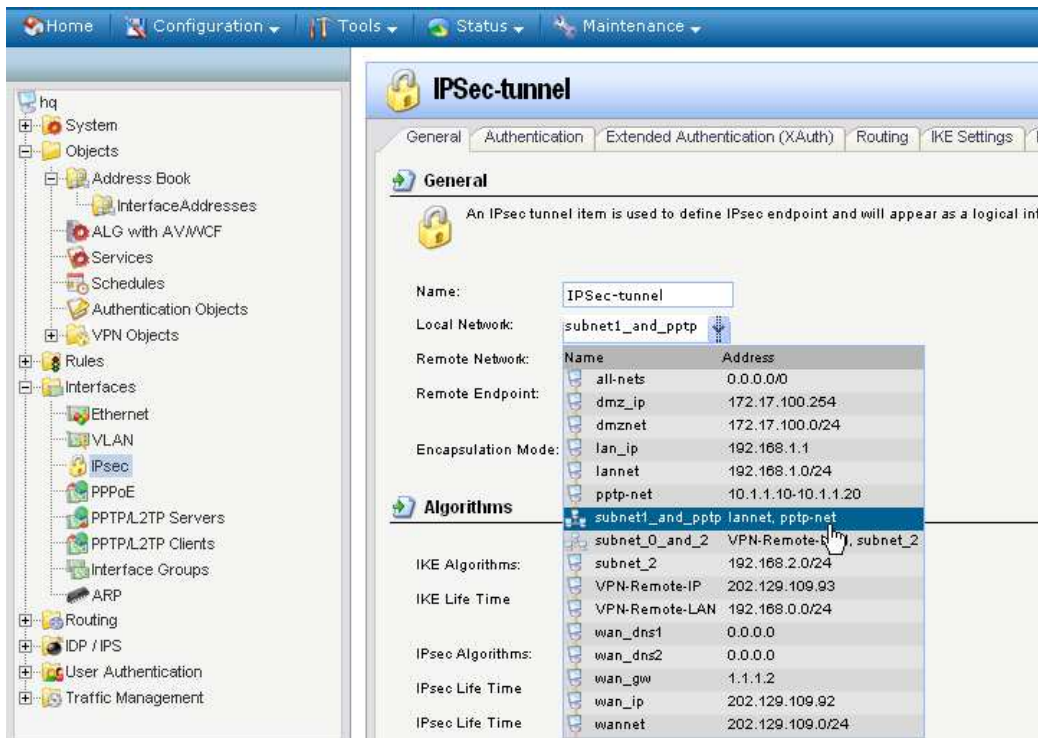
Step 5. To authenticate the remote user, please create a user auth rule as the following.



Step 6. Add pptp-srv interface to ipsec-lan interface group object.



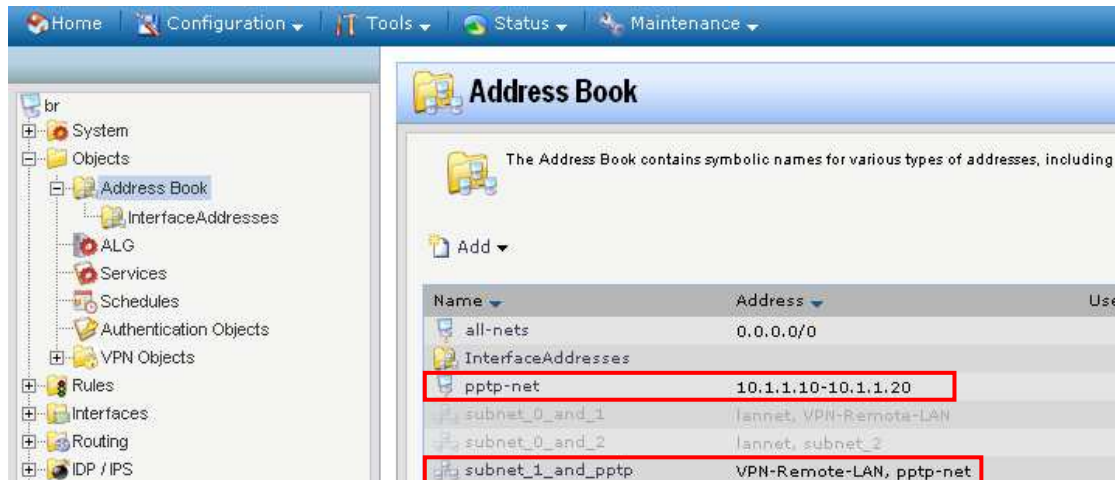
Step 7. In IPSec-tunnel object, change Local Network field to subnet1\_and\_pptp address group.



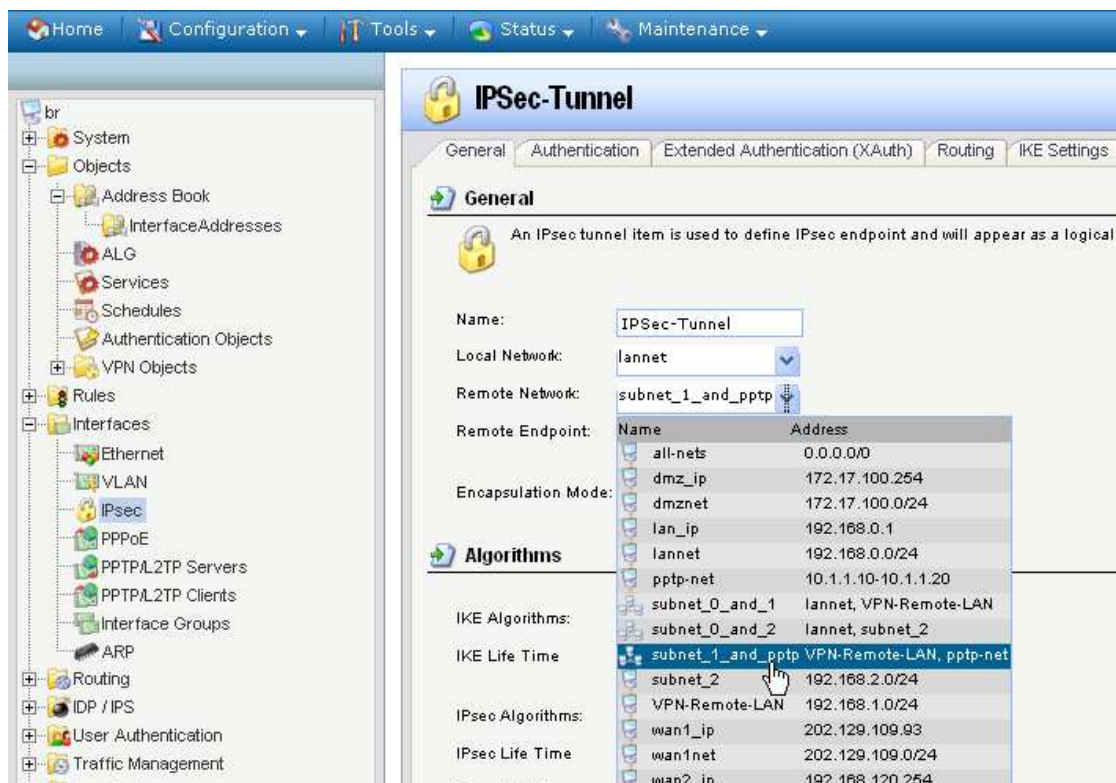


## Branch office

Step 1. Create two address objects as the following marked area.

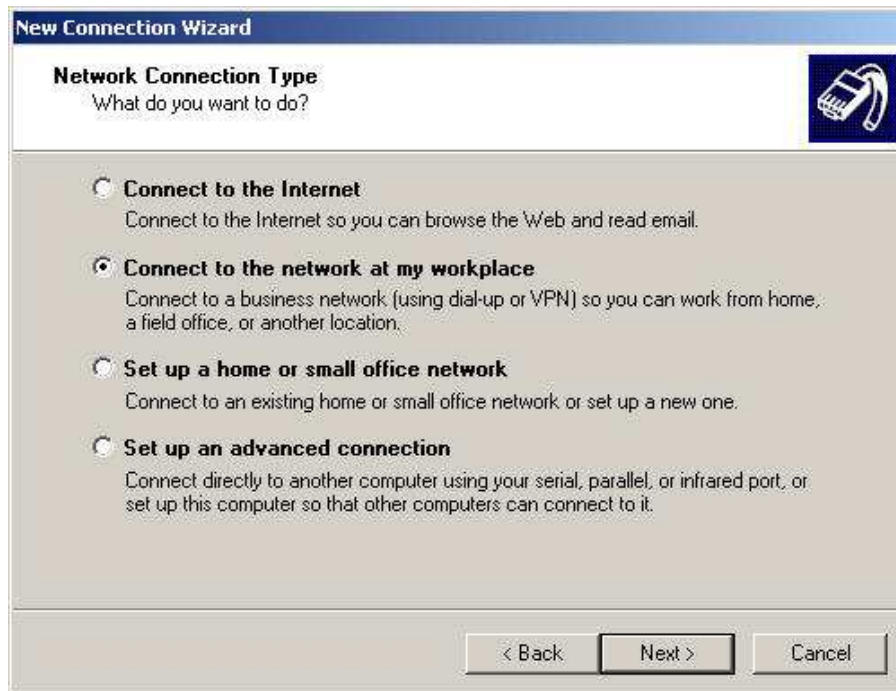


Step 2. In IPsec-tunnel object, change Remote Network field to subnet1\_and\_pptp address group.



Remote user

Step 1. Create a PPTP connection.



Step 2. Enter the name of PPTP connection.

**New Connection Wizard**

**Connection Name**  
Specify a name for this connection to your workplace.

Type a name for this connection in the following box.

Company Name

202.129.109.92

For example, you could type the name of your workplace or the name of a server you will connect to.

< Back   Next >   Cancel

Step 3. Enter PPTP server IP.

**New Connection Wizard**

**VPN Server Selection**  
What is the name or address of the VPN server?

Type the host name or Internet Protocol (IP) address of the computer to which you are connecting.

Host name or IP address (for example, microsoft.com or 157.54.0.1):

202.129.109.92

< Back   Next >   Cancel

Step 4. enter the username and password and then click “Connect” button





Try to ping the 192.168.0.1 from remote user

```
C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time=275ms TTL=254
Reply from 192.168.0.1: bytes=32 time=1ms TTL=254
Reply from 192.168.0.1: bytes=32 time=2ms TTL=254
Reply from 192.168.0.1: bytes=32 time=3ms TTL=254

Ping statistics for 192.168.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 275ms, Average = 70ms
```