How to add DNS servers to our connection

To make life easier for users and not have to remember all the IPs to access the cluster TeideHPC has DNS server that allows us to resolve addresses without the need to remember the IP.

Nombre	IP Address
dns1	10.5.22.37
dns2	10.5.22.38

To configure it, follow these steps:

Adding DNS server for Linux users

Linux users can add TeideHPC DNS in the configuration of their VPN connection

Via command line.

List your connections:

nmcli connection show

```
NAME            UUID                    TYPE    DEVICE
XXXXXXX         00000000-7777-4f70-a5ca-a5be5c9551b5  wifi   --
....
teide hpc       12345678-1234-1234-1234-622e596d061e  vpn    --
....
```

With the following command add our DNS servers

nmcli c modify "<vpn-settings-name>" ipv4.dns '10.5.22.37 10.5.22.38'

Add domain for dns-search
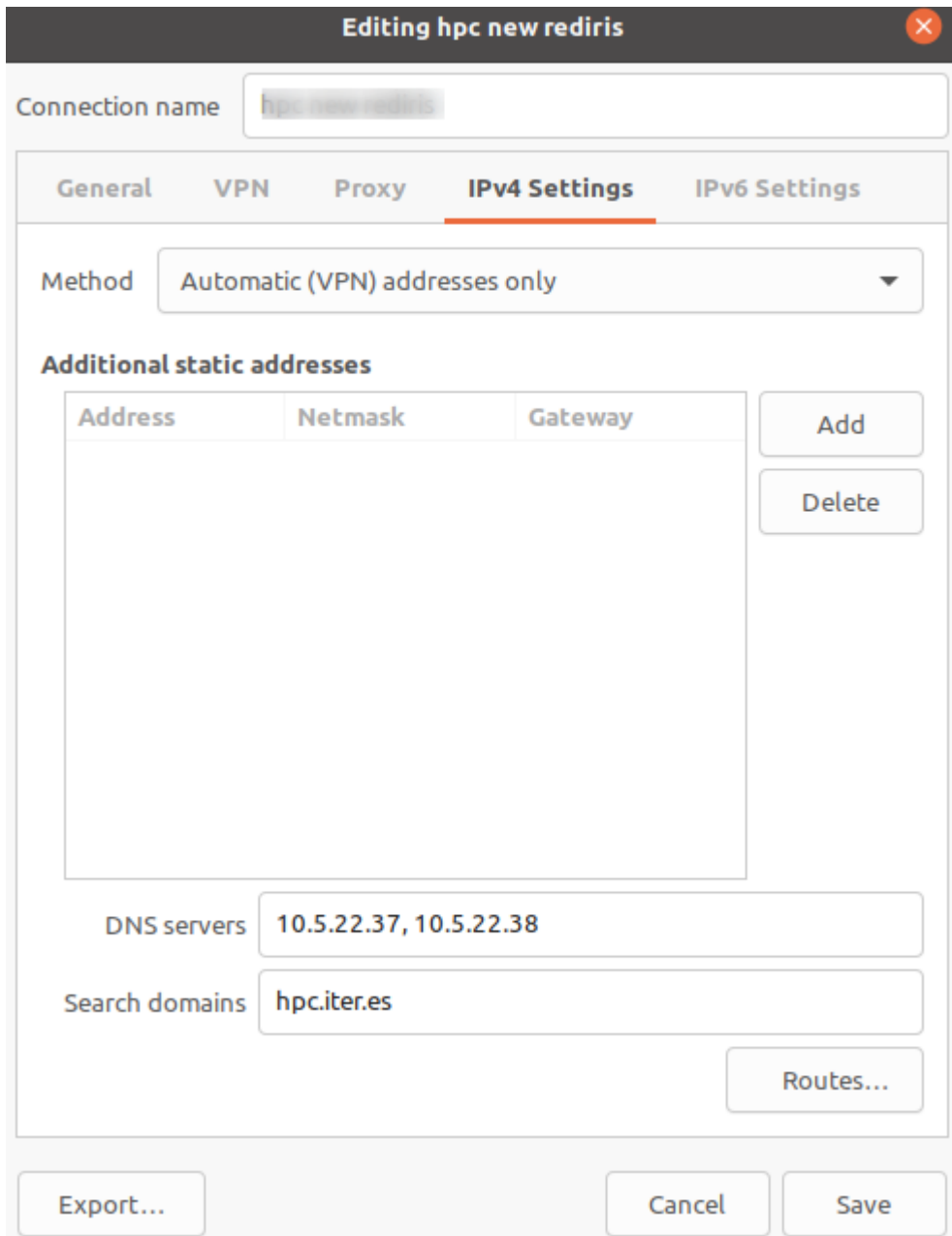
nmcli c modify "<vpn-settings-name>" ipv4.dns-search 'hpc.iter.es'

Via graphical interface (Ubuntu and Debian)

Open a linux terminal an write this command:

`nm-connection-editor`

Select your VPN connection name and edit it. In the *IPv4 Settings* tab you can add the DNS and the search domain as shown below.

Adding DNS server for windows users.

Before adding your *client.ovpn* configuration file to the OpenVPN client add the following lines:

```
dhcp-option DNS 8.8.8.8
dhcp-option DNS 10.5.22.37
```

```
dhcp-option DNS 10.5.22.38
push "dhcp-option hpc.iter.es"
```