802.1x Linux Fedora 19 (32/64bit)

Linux distributions are subject to a proper functioning of the network 802.1x . For doing it on the your distribution you must have two packages installed. This packages are :

- wpa_supplicant
- dhclient

as described in the wiki page General Instructions for Linux (for expert users)

If for some reason these software are not in your distribution, you must proceed with **Installation package** section, otherwise you can go directly to the **Configuration** section.

Installation package

With a command line :

- Open a terminal console and change your current user in root user with

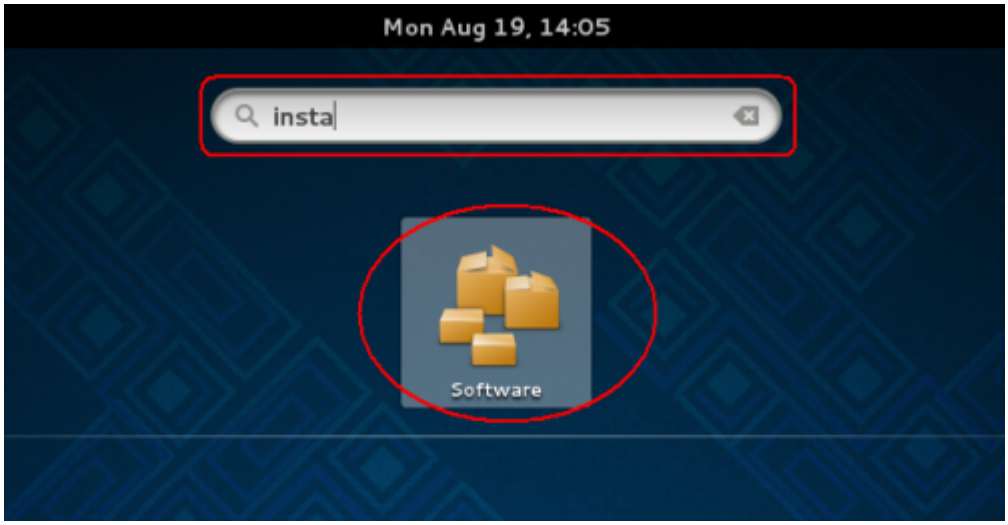
```
$ su -
Password:
[root@xxxxxx ~]#
```

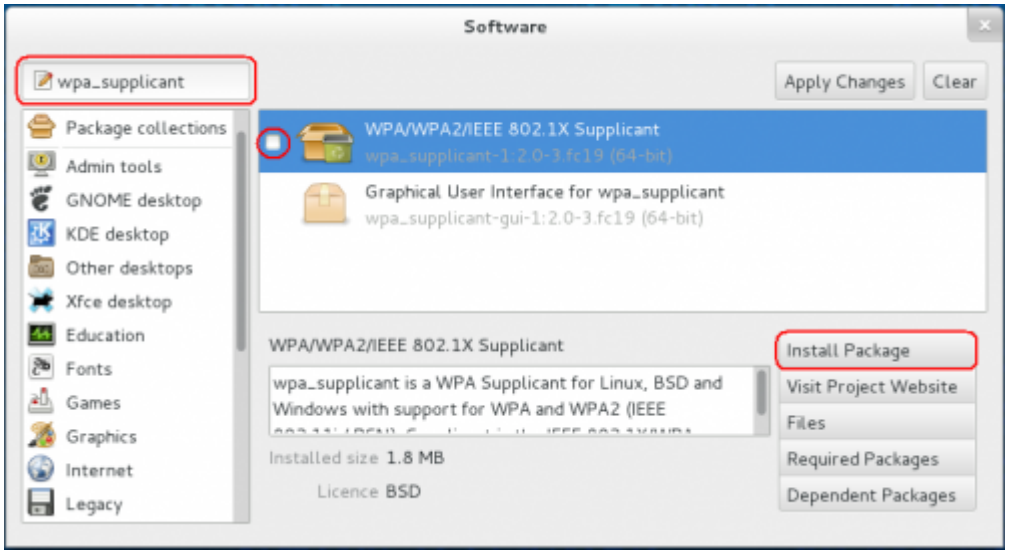
- then lunch yum with install option specificated the package wpa_supplicant and dhclient

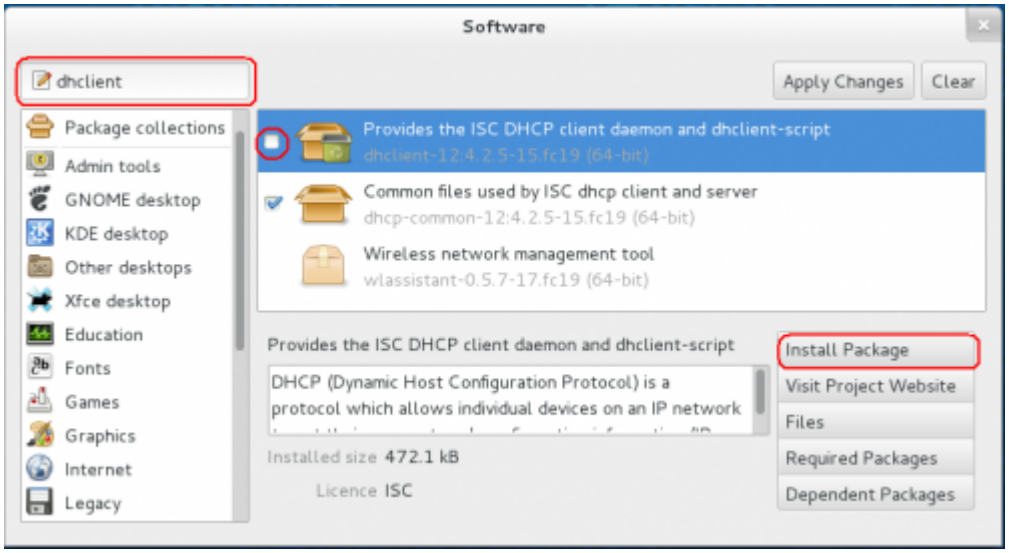
```
yum install wpa_supplicant dhclient
```

With a GUI :

GUI gnome can install these packages by launching the **Application Software**. Once launched in the **search** field you can enter the names of the packages you want and installed it as shown in the figures below:

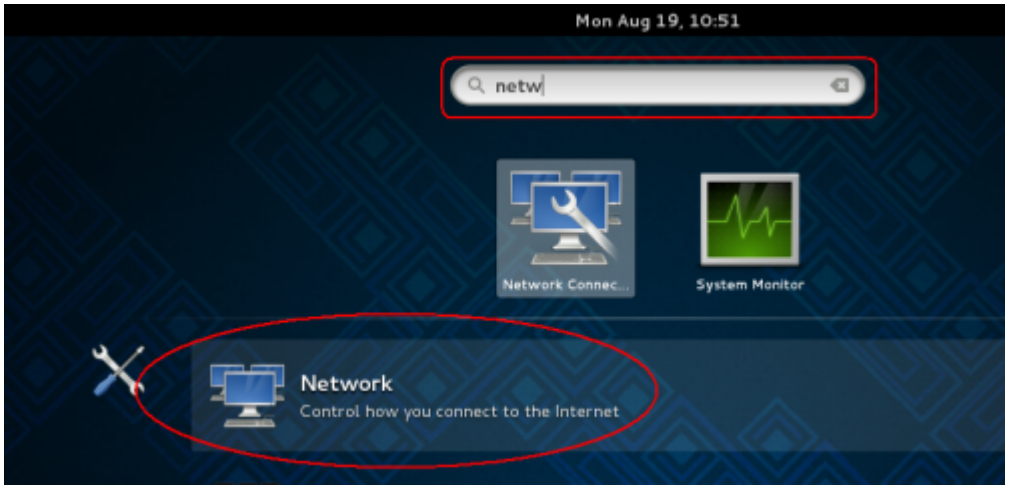






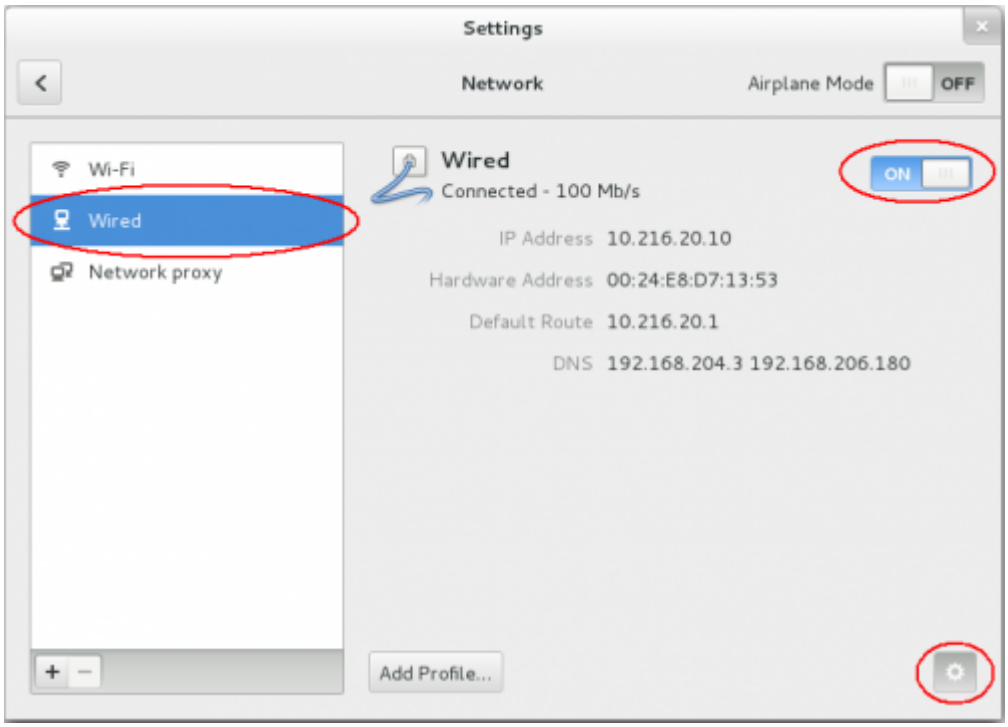
Configuration

- Open your **Network Settings** by the Application Manager

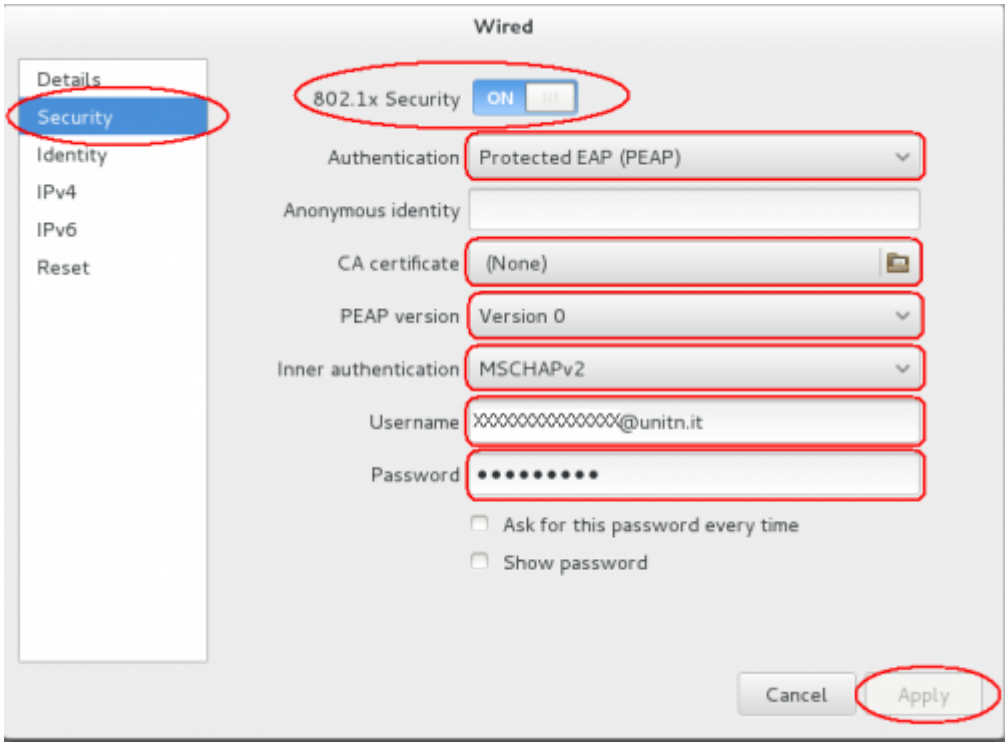


- Or open it in the Network Icon on your status bar

- In the Settings windows click on **Wired** voice on the left menu and then click on the **gear icon**



- Click the voice **Security** on the left menu in the Wired windows and then enable the **802.1x Security** switch
- Now compile the box:
  - **Authentication** with the **Protected EAP (PEAP)** value
  - **Anonymouse identity** leave blank value
  - **CA certificate** with **(None)** value
  - **PEAP version** with **Version 0** value
  - **Inner authentication** with **MSCHAPv2** value
  - **Username** with your **Unitn Account** with @unitn.it extension
  - **Password** with your **Unitn Password**
- and then click on the **Apply** button



Now when you restart your pc or when you re-login on your Gnome GUI, the system ask you for connect your pc on 8021.x network with your unitn credentials.

Here you click only on the **Connect** button. That its all...Enjoy it!
