

Remote desktop access

To a windows machine

The protocole used is RDP (Remote Desktop Protocole). It has to be enabled first on the remote machine.

From a windows machine

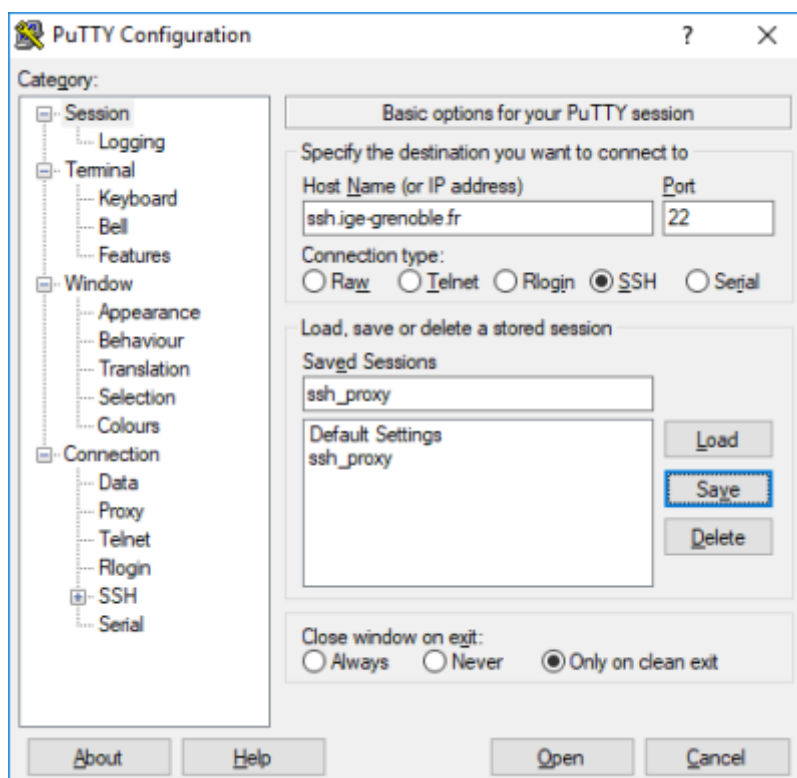
We use the build in windows application "Remote desktop" to connect to the remote machine. If you are connected through the IGE network, it easy: just but the correct credential.

If you are outside the IGE, it's a bit more tricky because you need first to setup a SSH tunnel and use it.

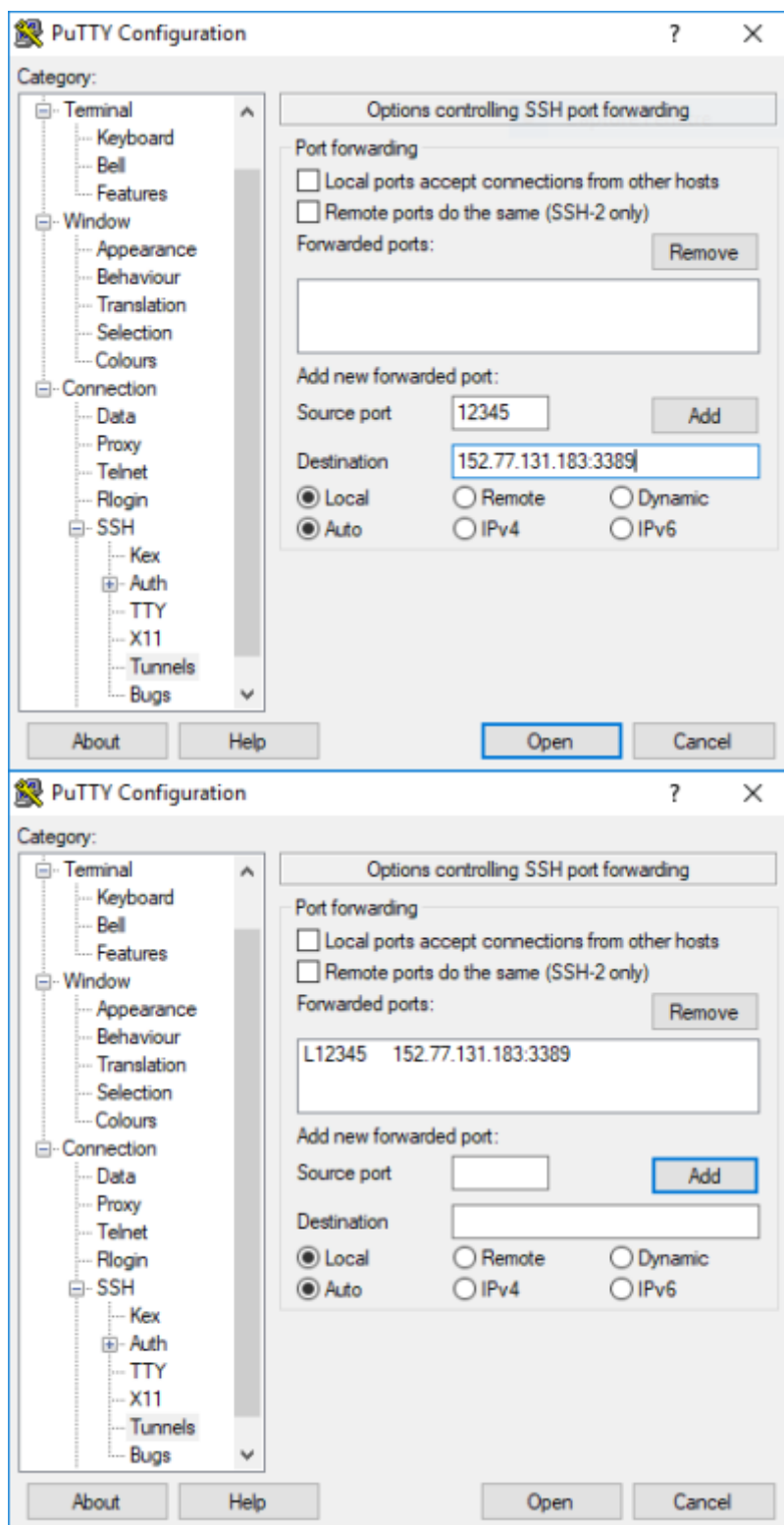
Setting up the SSH tunnel

Open Putty, then configure it as follows:

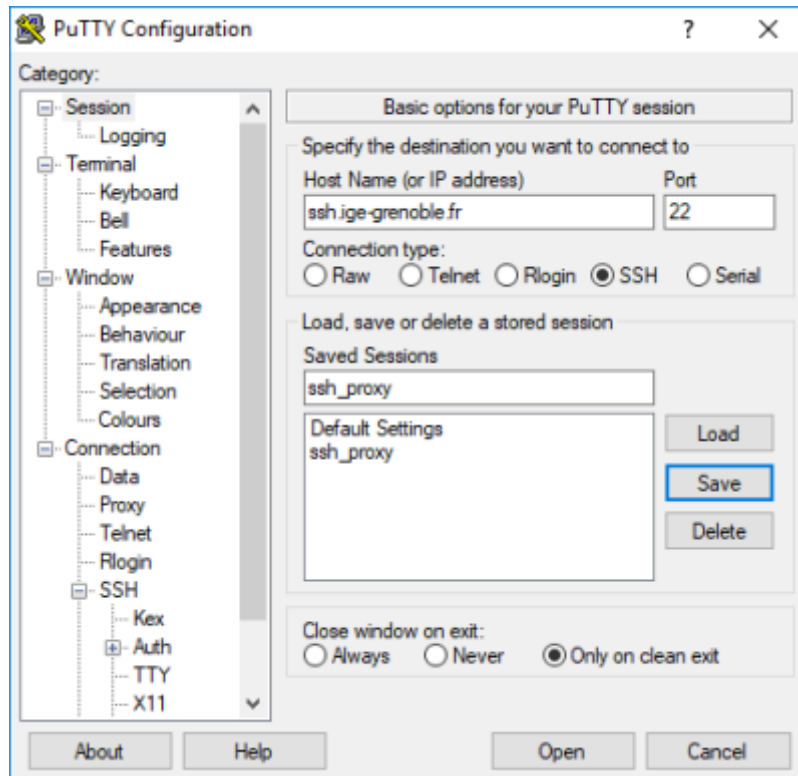
- Session:
 - Hostname: `ssh.ige-grenoble.fr`
 - Port: 22
 - Connexion type: `ssh`
 - Give it a name and save it, for instance `ssh_tunnel`



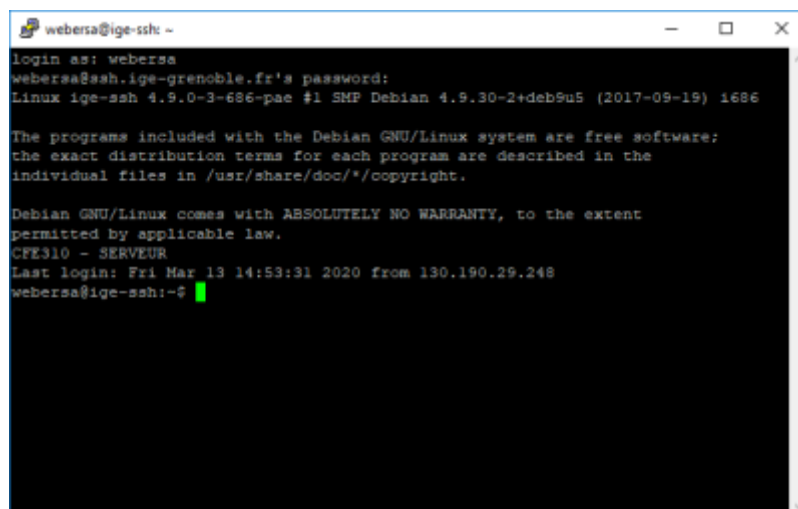
- Connexion > SSH > Tunnel:
 - Source port: 12345 (can be almost everything, but remember it)
 - Destination: <ip of the machine>:3389 The port 3389 is the default one use by RDP
 - Click Add



- Session:
 - Resave it :)
 - Click Open



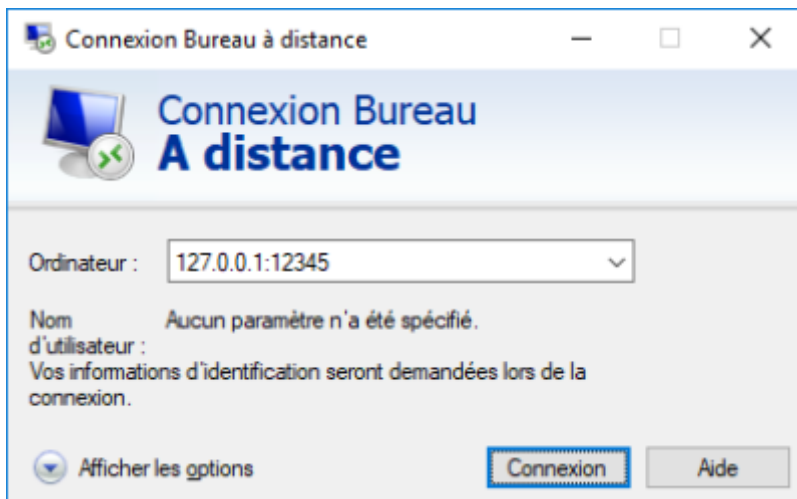
It then ask for your credential to connect to the `ssh.ige-grenoble.fr` passerelle. It's your IntraGere login/password.



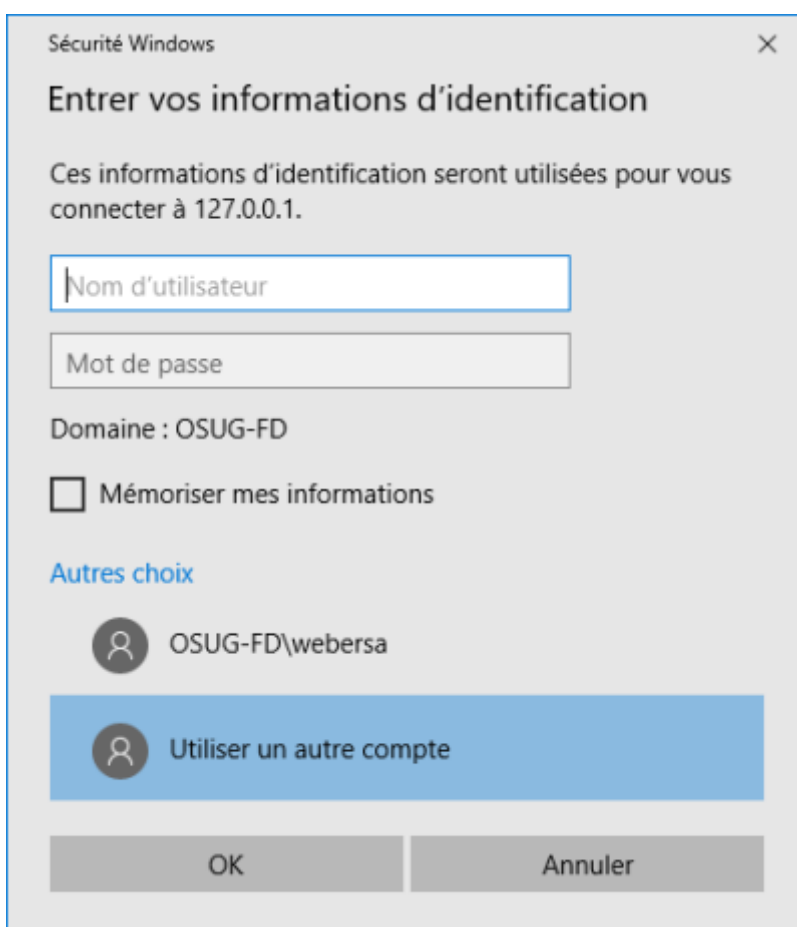
Once logged in, your SSH tunnel is up ! Do not closed the windows !

Setting up the remote access

- Launch the Desktop remote access application.
- Fill the computer to 127.0.0.1:12345 (i.e. localhost and whatever was your port in the previous part)
- Click Connexion



Tada! Now fill the correct credential to log on the machine.



From a linux machine

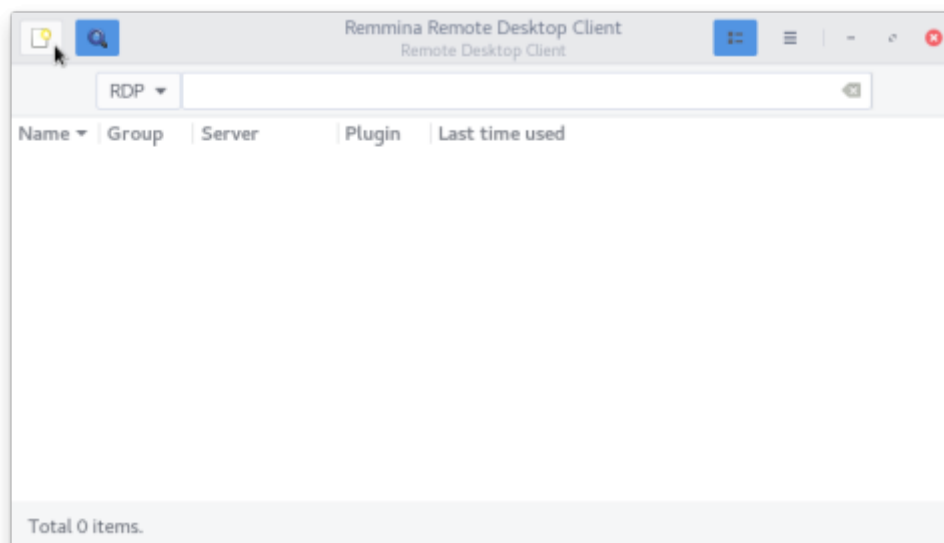
SSH is handle way more easily in linux... Also, the dedicated software for remote access is [Remmina](#). So first install remmina :

```
sudo apt install remmina
```

Remmina support different protocols, including RDP to connect to a windows machine, but you may need to install it:

```
sudo apt install remmina-plugin-rdp
```

Launch Remmina and create a new profile:



Enter the desired Name / Group and the correct IP address, User name, Password and Domain

Go to the SSH tunnel tab, and click on

- Enabled SSH tunnel
- Custom: ssh.ige-grenoble.fr
- Username: your IntraGere username
- Select "Password" for the authentication (or set up your ssh profil)

Profile

Name: IC

Group: IGE

Protocol: RDP - Remote Desktop Protocol

Pre Command: command %h %u %t %U %p %g --option

Post Command: /path/to/command -opt1 arg %h %u %t -opt2 %U %p %g

Basic Advanced **SSH Tunnel**

☒ Enable SSH tunnel ☐ Tunnel via loopback address

☐ Same server at port 22

☒ Custom: ssh.ige-grenoble.fr

Character set:

SSH Authentication

User name: webersa

☐ SSH Agent (automatic)

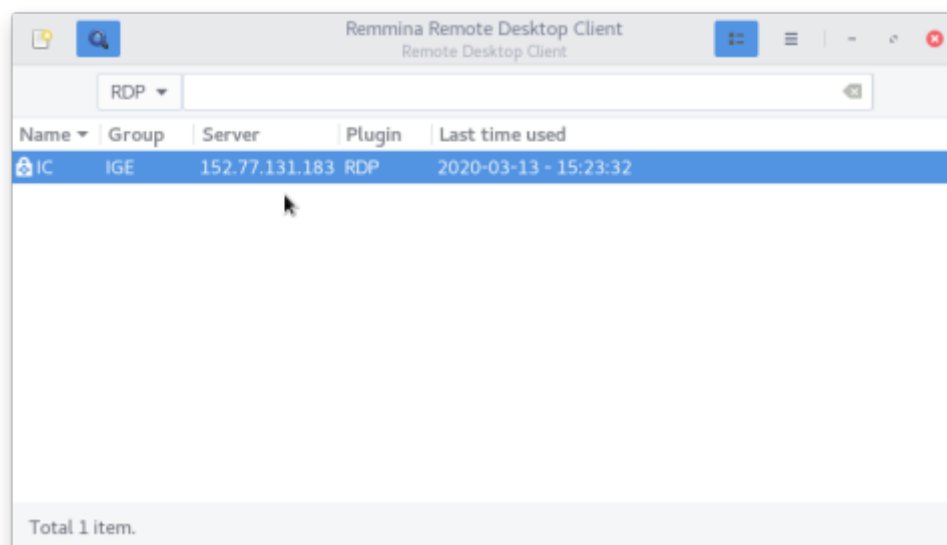
☒ Password:

☐ Public key (automatic)

☐ Identity file: (None)

Cancel Save as Default Save Connect Save and Connect

Save it, then double click on the profile to open the connexion.



From:

<https://phd-wiki.osug.fr/> - **PhD community wiki @ IGE**

Permanent link:

<https://phd-wiki.osug.fr/doku.php/tools:remote-desktop>

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