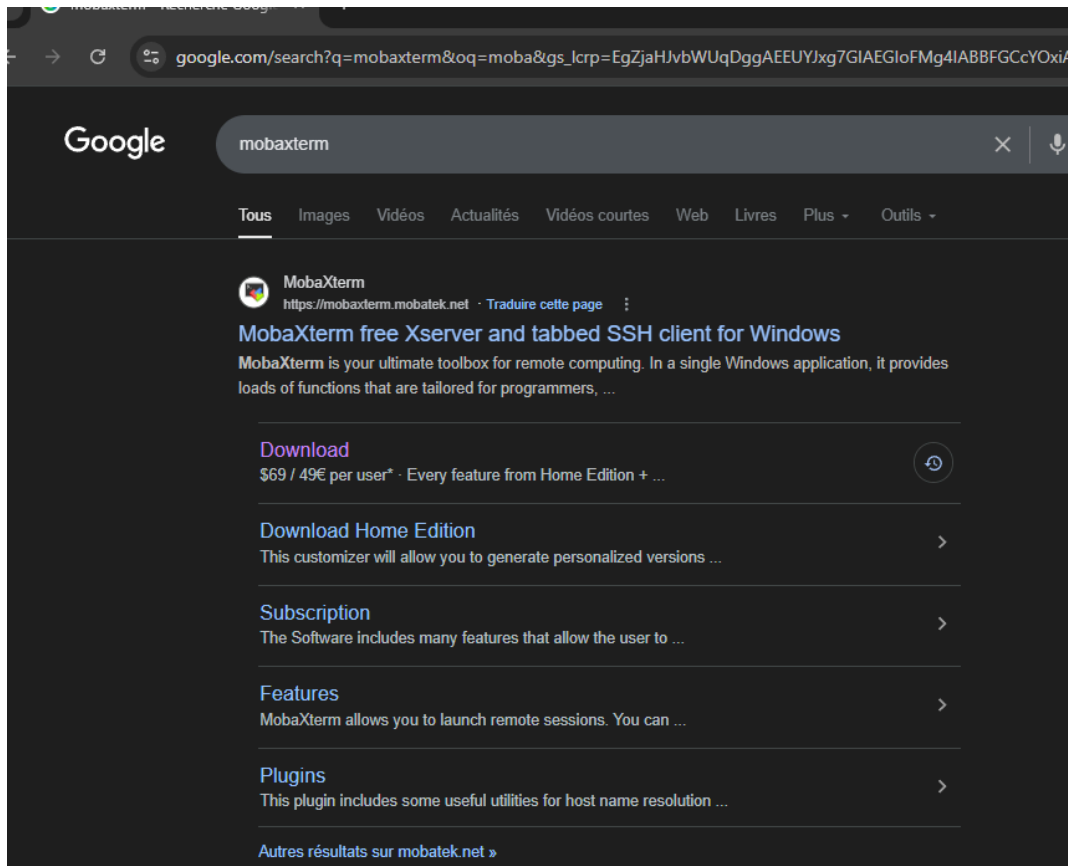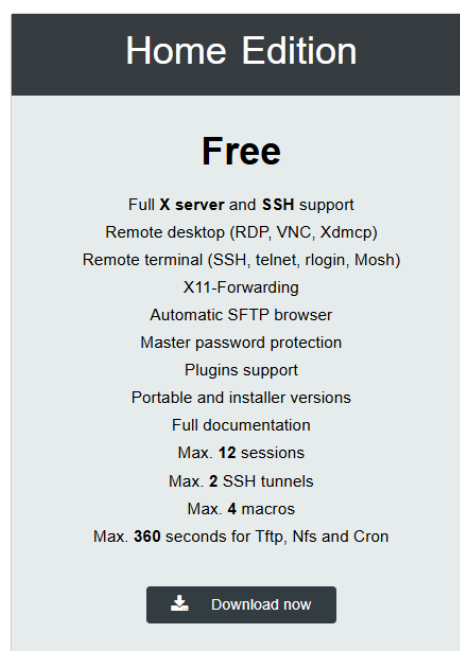# SSH

Pour commencer on va sur le site de mobaxterm
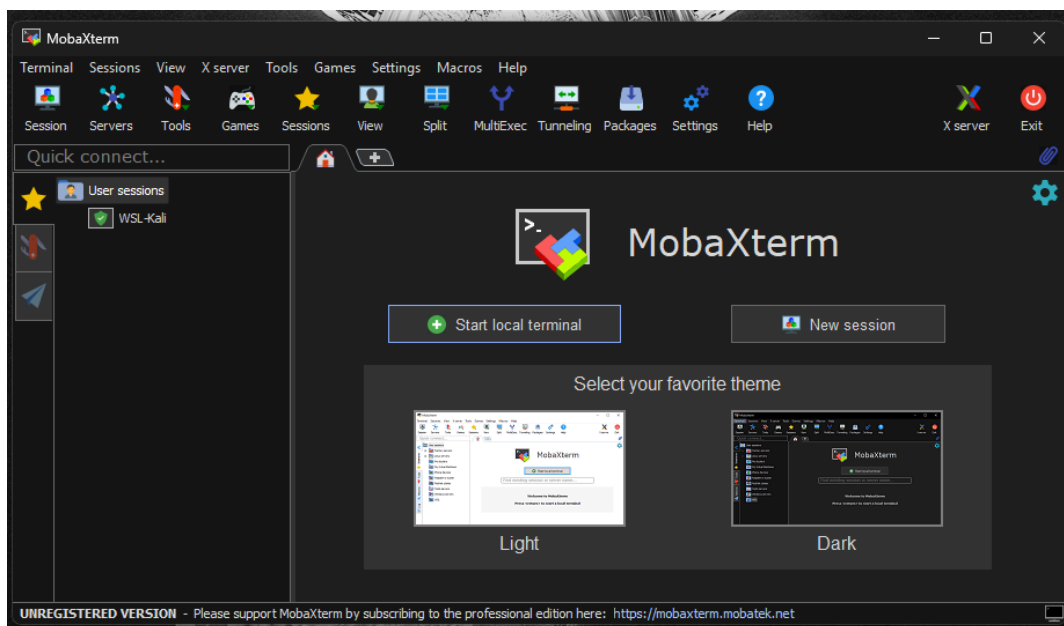

On clique sur le download Free
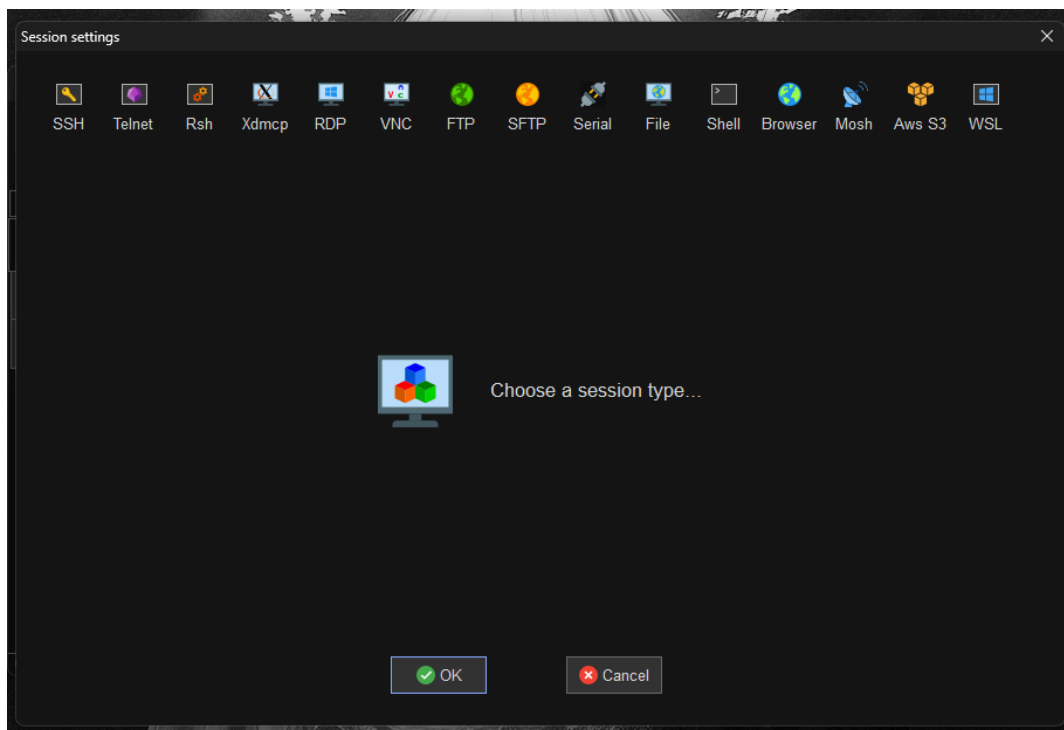
On prend la version Portable

On ouvre le logiciel

On clique sur session

On clique sur SSH pour choisir le type de session²

```
debian@apache2:~$ sudo apt install openssh-server
[sudo] password for debian:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following package was automatically installed and is no longer required:
  linux-image-6.1.0-13-amd64
Use 'sudo apt autoremove' to remove it.
The following additional packages will be installed:
  openssh-sftp-server runit-helper
Suggested packages:
  molly-guard monkeysphere ssh-askpass ufw
The following NEW packages will be installed:
  openssh-server openssh-sftp-server runit-helper
0 upgraded, 3 newly installed, 0 to remove and 108 not upgraded.
Need to get 529 kB of archives.
After this operation, 2,218 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bookworm/main amd64 openssh-sftp-server amd64 1:9.2p1-2+deb12u7 [65.9 kB]
Get:2 http://deb.debian.org/debian bookworm/main amd64 runit-helper all 2.15.2 [6,520 B]
Get:3 http://deb.debian.org/debian bookworm/main amd64 openssh-server amd64 1:9.2p1-2+deb12u7 [457 kB]
Fetched 529 kB in 0s (1,679 kB/s)
Preconfiguring packages ...
Selecting previously unselected package openssh-sftp-server.
(Reading database ... 156806 files and directories currently installed.)
Preparing to unpack .../openssh-sftp-server_1%3a9.2p1-2+deb12u7_amd64.deb ...
Unpacking openssh-sftp-server (1:9.2p1-2+deb12u7) ...
Selecting previously unselected package runit-helper.
Preparing to unpack .../runit-helper_2.15.2_all.deb ...
Unpacking runit-helper (2.15.2) ...
Selecting previously unselected package openssh-server.
Preparing to unpack .../openssh-server_1%3a9.2p1-2+deb12u7_amd64.deb ...
Unpacking openssh-server (1:9.2p1-2+deb12u7) ...
Setting up runit-helper (2.15.2) ...
Setting up openssh-sftp-server (1:9.2p1-2+deb12u7) ...
Setting up openssh-server (1:9.2p1-2+deb12u7) ...

Creating config file /etc/ssh/sshd_config with new version
Creating SSH2 RSA key; this may take some time ...
3072 SHA256:hjc+Z52y+nyl+DUEvROflI7QX94u5w69zOWMvZSC5/q root@apache2 (RSA)
```

On va sur notre VM et on installe `openshh-server`

```
debian@apache2:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:91:57:9c brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.154.129/24 brd 192.168.154.255 scope global dynamic noprefixroute ens33
       valid_lft 1514sec preferred_lft 1514sec
    inet6 fe80::20c:29ff:fe91:579c/64 scope link noprefixroute
       valid_lft forever preferred_lft forever
debian@apache2:~$ ▮
```
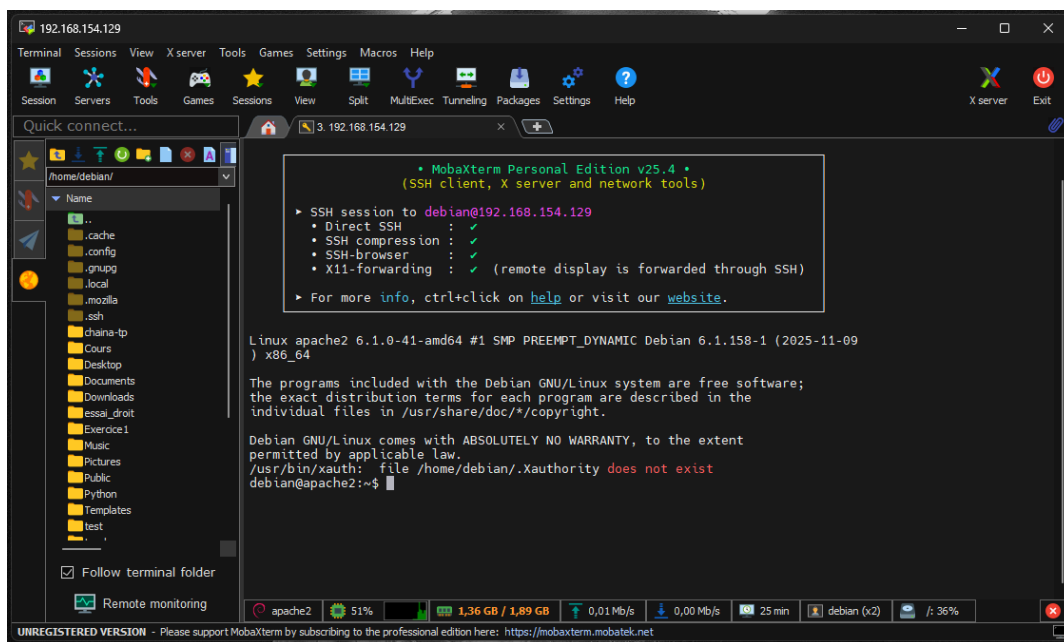
On récupère notre ip de la machine via la commande `ip a`
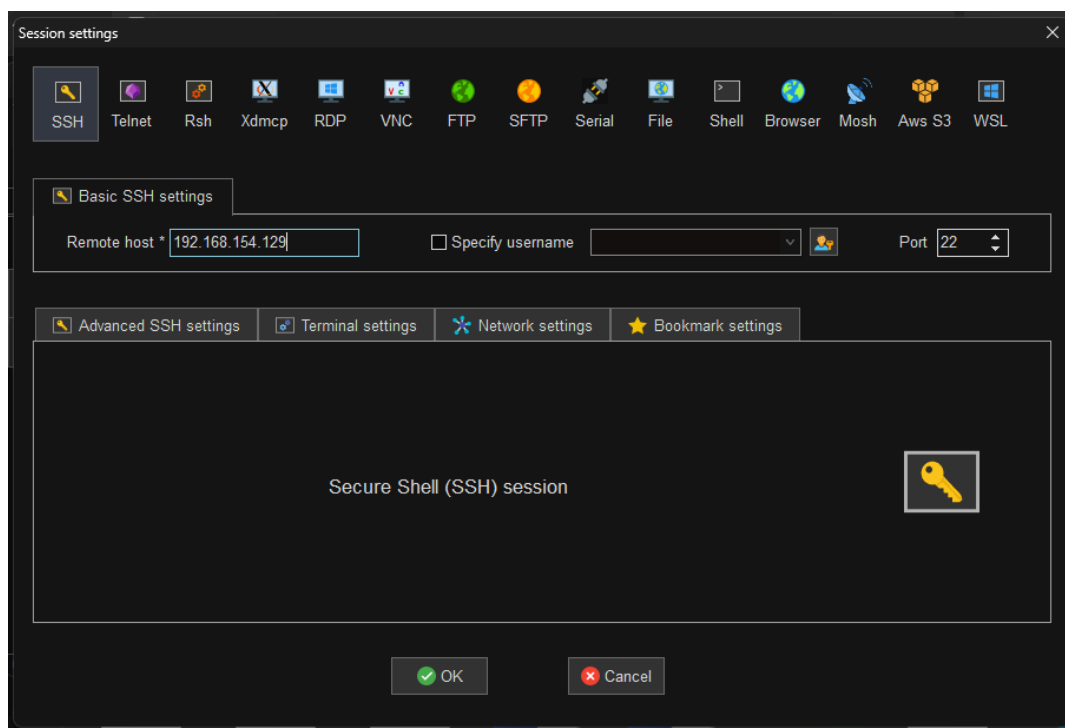
Ensuite on met l'adresse IP da,s le Remote host et on se connecte via le nom d'utilisateur et le mots de passe
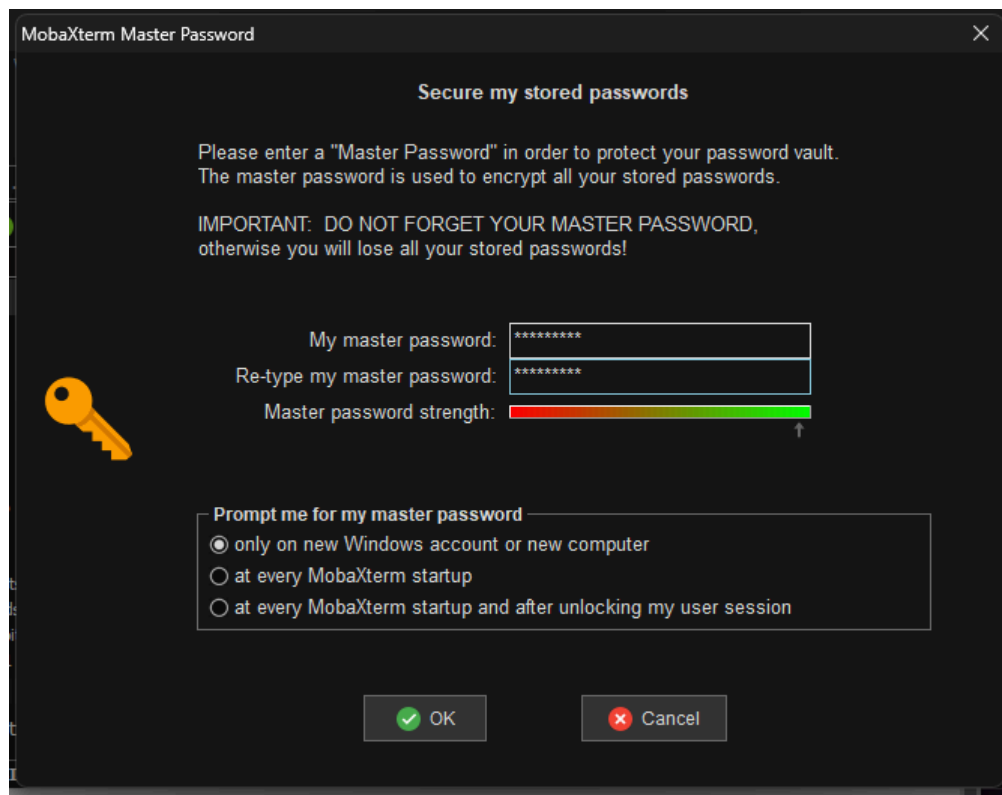
On créer un mots de passe pour sécuriser la session

Et voila on est connecter en SSH