

Usando o WSL instalei o ssh server e o ssh client

```
milly@DESKTOP-PB74H05: ~$ sudo apt update
[sudo] password for milly:
Sorry, try again.
[sudo] password for milly:
Sorry, try again.
[sudo] password for milly:
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2196 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1821 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [16.0 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [872 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [21.8 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [24.0 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [864 B]
Get:12 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [11.2 kB]
Get:13 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [743 kB]
Get:14 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [15.3 kB]
Fetched 6158 kB in 3s (1950 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
2 packages can be upgraded. Run 'apt list --upgradable' to see them.
milly@DESKTOP-PB74H05:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages will be upgraded:
  libntfs-3g ntfsc-3g
2 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
2 standard LTS security updates
Need to get 537 kB of archives.
After this operation, 0 B of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 ntfsc-3g amd64 1:2017.3.23AR.3-3ubuntu1.3 [388 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libntfs-3g amd64 1:2017.3.23AR.3-3ubuntu1.3 [150 kB]
Fetched 537 kB in 2s (357 kB/s)
(Reading database ... 32692 files and directories currently installed.)
Preparing to unpack .../ntfsc-3g_1%3a2017.3.23AR.3-3ubuntu1.3_amd64.deb ...
Unpacking ntfsc-3g (1:2017.3.23AR.3-3ubuntu1.3) over (1:2017.3.23AR.3-3ubuntu1.2) ...
Preparing to unpack .../libntfs-3g_1%3a2017.3.23AR.3-3ubuntu1.3_amd64.deb ...
```

1) Criando as Chaves Pública e Privada.

```
milly@DESKTOP-PB74H05:~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/milly/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/milly/.ssh/id_rsa
Your public key has been saved in /home/milly/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:EA0dvsveS62I9HbJPE+iTA8dks0Nl70fmZ02IYvuVeAs milly@DESKTOP-PB74H05
The key's randomart image is:
+--[RSA 3072]-----+
|.ooo.
|..
|o.
|..o
|..S=
|..B * +...
|o O B O+ +o
|* X.= O+O..
|..+O*O+.O..
+-----[SHA256]-----+
milly@DESKTOP-PB74H05:~$
```

2) Copiar a chave Pública no SSH Server.

```
milly@DESKTOP-PB74H05:~$ sudo service ssh restart
* Restarting OpenBSD Secure Shell server sshd
milly@DESKTOP-PB74H05:~$ ssh-copy-id milly@172.17.210.156
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/milly/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
milly@172.17.210.156's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'milly@172.17.210.156'"
and check to make sure that only the key(s) you wanted were added.
milly@DESKTOP-PB74H05:~$
```

3) Fazer um login remoto a partir do SSH Client para um SSH Server.

```
milly@DESKTOP-PB74H05: ~  
login as: milly  
milly@172.17.210.156's password:  
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.10.102.1-microsoft-standard-WSL2 x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
  
System information as of Wed Nov  2 14:52:37 -03 2022  
  
System load:  0.02               Processes:    19  
Usage of /:   0.6% of 250.98GB   Users logged in:  0  
Memory usage: 3%                IPv4 address for eth0: 172.17.210.156  
Swap usage:   0%  
  
0 updates can be applied immediately.  
  
New release '22.04.1 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
milly@DESKTOP-PB74H05:~$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500  
        inet 172.17.210.156  netmask 255.255.240.0  broadcast 172.17.223.255  
        inet6 fe80::215:5dff:fe70:ed9c  prefixlen 64  scopeid 0x20<link>  
        ether 00:15:5d:70:ed:9c  txqueuelen 1000  (Ethernet)  
        RX packets 5568  bytes 7291145 (7.2 MB)  
        RX errors 0  dropped 0  overruns 0  frame 0  
        TX packets 2240  bytes 156668 (156.6 KB)  
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536  
        inet 127.0.0.1  netmask 255.0.0.0  
        inet6 ::1  prefixlen 128  scopeid 0x10<host>  
        loop txqueuelen 1000  (Local Loopback)  
        RX packets 299  bytes 52142 (52.1 KB)  
        RX errors 0  dropped 0  overruns 0  frame 0  
        TX packets 299  bytes 52142 (52.1 KB)  
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0  
  
milly@DESKTOP-PB74H05:~$
```