

- SUDO APT UPDATE:

```
pedro@DESKTOP-F8DLV22:~$ sudo apt update
[sudo] password for pedro:
Get:1 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:2 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [970 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1862 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal/main Translation-en [506 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/main amd64 c-n-f Metadata [29.5 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal/universe Translation-en [5124 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/universe amd64 c-n-f Metadata [265 kB]
Get:12 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [144 kB]
Get:13 http://archive.ubuntu.com/ubuntu focal/multiverse Translation-en [104 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 c-n-f Metadata [9136 B]
Get:15 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2236 kB]
Get:16 http://archive.ubuntu.com/ubuntu focal-updates/main Translation-en [390 kB]
Get:17 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [16.1 kB]
Get:18 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1424 kB]
Get:19 http://archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [202 kB]
Get:20 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [307 kB]
Get:21 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [636 B]
Get:22 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [1004 kB]
Get:23 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [11.4 kB]
Get:24 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1332 kB]
Get:25 http://archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [233 kB]
Get:26 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [23.2 kB]
Get:27 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [24.4 kB]
Get:28 http://archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7316 B]
```

```
Get:29 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [592 B]
Get:30 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [45.7 kB]
Get:31 http://archive.ubuntu.com/ubuntu focal-backports/main Translation-en [16.3 kB]
Get:32 http://archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1420 B]
Get:33 http://archive.ubuntu.com/ubuntu focal-backports/restricted amd64 c-n-f Metadata [116 B]
Get:34 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [24.0 kB]
Get:35 http://archive.ubuntu.com/ubuntu focal-backports/universe Translation-en [16.0 kB]
Get:36 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [860 B]
Get:37 http://archive.ubuntu.com/ubuntu focal-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:38 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [108 kB]
Get:39 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [640 B]
Get:40 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [773 kB]
Get:41 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [149 kB]
Get:42 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:43 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [22.2 kB]
Get:44 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [5400 B]
Get:45 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 c-n-f Metadata [516 B]
Fetched 26.7 MB in 6s (4702 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
295 packages can be upgraded. Run 'apt list --upgradable' to see them.
pedro@DESKTOP-F8DLV22:~$
```

- SUDO APT UPGRADE:

```
pedro@DESKTOP-F8DLV22:~$ sudo apt upgrade
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  libfwupdplugin1 libxmlb1
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
pedro@DESKTOP-F8DLV22:~$
```

- SUDO APT INSTALL OPENSSSH-SERVER:

```
pedro@DESKTOP-F8DLV22:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
openssh-server is already the newest version (1:8.2p1-4ubuntu0.5).
The following packages were automatically installed and are no longer required:
  libfwupdplugin1 libxmlb1
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
pedro@DESKTOP-F8DLV22:~$
```

- SUDO SERVICE SSH START/STATUS:

```
pedro@DESKTOP-F8DLV22:~$ sudo service ssh start
* Starting OpenBSD Secure Shell server sshd
pedro@DESKTOP-F8DLV22:~$ sudo service ssh status
* sshd is running
pedro@DESKTOP-F8DLV22:~$
```

- CRIANDO CHAVES PÚBLICAS E PRIVADAS:

```
pedro@DESKTOP-F8DLV22:~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/pedro/.ssh/id_rsa):
Created directory '/home/pedro/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/pedro/.ssh/id_rsa
Your public key has been saved in /home/pedro/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:NABHbIyWmsvhn9ZOXDQ/D90VXNlyIFwR+X2UM6nOHlQ pedro@DESKTOP-F8DLV22
The key's randomart image is:
+---[RSA 3072]-----+
|      .B+      ...=*|
|    +.+      .ooE+|
|   + . =      *=+|
|  +   o + . + +|
| o o   S = =   .|
| +   . . = +   |
|   . oo   o .   |
|   +..      .   |
|   . ..      |
+---[SHA256]-----+
pedro@DESKTOP-F8DLV22:~$
```

- COPIANDO A CHAVE:

```
pedro@DESKTOP-F8DLV22:~$ ssh-copy-id pedro@172.17.211.190
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/pedro/.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
pedro@172.17.211.190's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'pedro@172.17.211.190'"
and check to make sure that only the key(s) you wanted were added.

pedro@DESKTOP-F8DLV22:~$
```

- FAZER LOGIN REMOTO A PARTIR DO SSH CLIENT PARA UM SSH SERVER

```
pedro@DESKTOP-F8DLV22: ~
login as: pedro
pedro@172.17.211.190's password:
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.10.16.3-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 30 13:21:21 -03 2022

System load:  0.01               Processes:    10
Usage of /:   0.6% of 250.98GB   Users logged in: 0
Memory usage: 3%                IPv4 address for eth0: 172.17.211.190
Swap usage:   0%

0 updates can be applied immediately.

New release '22.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
pedro@DESKTOP-F8DLV22:~$ ping 172.17.211.190
PING 172.17.211.190 (172.17.211.190) 56(84) bytes of data:
64 bytes from 172.17.211.190: icmp_seq=1 ttl=64 time=8.81 ms
64 bytes from 172.17.211.190: icmp_seq=2 ttl=64 time=0.037 ms
64 bytes from 172.17.211.190: icmp_seq=3 ttl=64 time=0.036 ms
64 bytes from 172.17.211.190: icmp_seq=4 ttl=64 time=0.038 ms
```