Instalação do OpenSSH

```
Ubuntu 18-04 - VMware Workstation 17 Player (Non-commercial use only)
Player ▼ | | ▼ 🖶 🗀
                                                                                                                                               root@vmubuntu:/home/lucas# apt install openssh-server_
    Ubuntu 18-04 - VMware Workstation 17 Player (Non-commercial use only)
    Player ▼ | | ▼ □
                                                                                                                                                 [10.9 kB]

Fetched 683 kB in 1s (903 kB/s)

Preconfiguring packages ...

Selecting previously unselected package liburap0:amd64.

(Reading database ... 64792 files and directories currently installed.)

Preparing to unpack .../liburap0_7.6.q-27_amd64.deb ...

Unpacking liburap0:amd64 (7.6.q-27) ...

Selecting previously unselected package ncurses-term.

Preparing to unpack .../ncurses-term_6.1-lubuntu1.18.04_all.deb ...

Unpacking ncurses-term (6.1-lubuntu1.18.04) ...

Selecting previously unselected package openssh-sftp-server.

Preparing to unpack .../openssh-sftp-server_1%3a7.6p1-4ubuntu0.7_amd64.deb ...

Unpacking openssh-sftp-server (1:7.6p1-4ubuntu0.7) ...

Selecting previously unselected package openssh-server.

Preparing to unpack .../openssh-server 183a7.6p1-4ubuntu0.7_amd64.deb ...

Unpacking openssh-server (1:7.6p1-4ubuntu0.7)

Selecting previously unselected package sah-import-id.

Preparing to unpack .../ssh-import-id.5s.7-oubuntu1.1_all.deb ...

Unpacking ssh-import-id (S.7-Oubuntu1.1) ...

Setting up ncurses-term (6.1-lubuntu1.18.04)

Setting up openssh-sftp-server (1:7.6p1-4ubuntu0.7) ...

Setting up openssh-server (1:7.6p1-4ubuntu0.7) ...

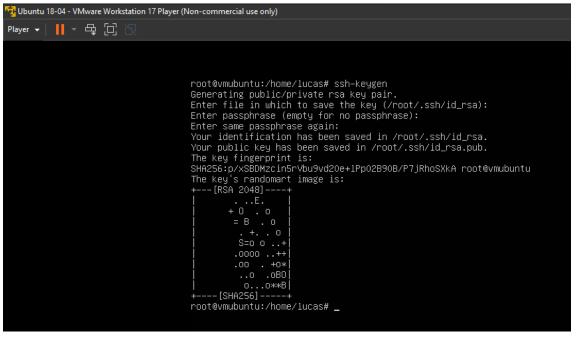
Setting up openssh-server (1:7.6p1-4ubuntu0.7) ...

Setting up openssh-server (1:7.6p1-4ubuntu0.7) ...

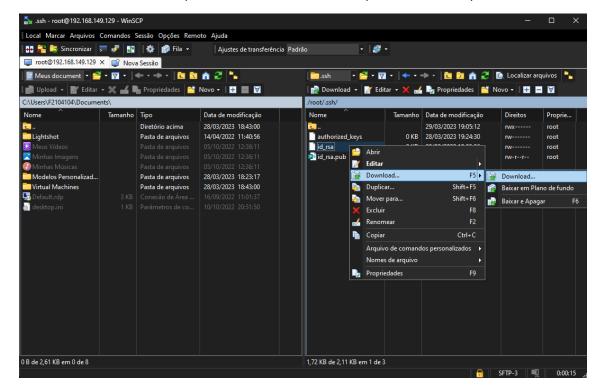
Creating config file /etc/ssh/sshd_config with new version
                                                                                                                                                          [10.9 KB]
                                                                                                                                                     Creating config file /etc/ssh/sshd_config with new version
Created symlink /etc/systemd/system/sshd.service → /lib/systemd/system/ssh.service.
Created symlink /etc/systemd/system/multi–user.target.wants/ssh.service → /lib/systemd/system/ssh.se
                                                                                                                                                    Oreated symlink /etc/systemd/system/multi-user.target.ws
rvice.
Processing triggers for systemd (237-aubuntu10.57) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ufw (0.36-Oubuntu0.18.04.2) ...
Processing triggers for ureadahead (0.100.0-21) ...
Processing triggers for libo-bin (2.27-3ubuntu1.6) ...
root@vmubuntu:/home/lucas#
   Ubuntu 18-04 - VMware Workstation 17 Player (Non-commercial use only)
root@vmubuntu:/home/lucas# apt list | grep openssh
                                                                                                                                                                  WARNING: apt does not have a stable CLI interface. Use with caution in scripts.
                                                                                                                                                               WARNING: apt does not have a stable CLI interface. Use with caution in scripts.

libconfig-model-openssh-perl/bionic 1.238-1 all
libghc-crypto-pubkey-openssh-dev/bionic 0.2.7-7build10 amd64
libghc-crypto-pubkey-openssh-doc/bionic 0.2.7-7build10 all
libghc-crypto-pubkey-openssh-prof/bionic 0.2.7-7build10 amd64
libnet-openssh-compat-perl/bionic 0.09-1 all
libnet-openssh-parallel-perl/bionic 0.09-1 all
libnet-openssh-perl/bionic 0.74-1 all
libnet-openssh-perl/bionic 0.74-1 all
lxqt-openssh-askpass-bionic 0.12.0-3 amd64
lxqt-openssh-askpass-bionic 0.12.0-3 amd64
lxqt-openssh-askpass-lionic 0.12.0-3 amd64
lopenssh-client/bionic-updates,now 1:7.6p1-4ubuntu0.7 amd64 [installed,automatic]
openssh-known-hosts/bionic 0.6.2-1 all
openssh-server/bionic-updates,now 1:7.6p1-4ubuntu0.7 amd64 [installed]
openssh-sftp-server/bionic-updates,now 1:7.6p1-4ubuntu0.7 amd64 [installed,automatic]
root@wmubuntu:/home/lucas#_
```

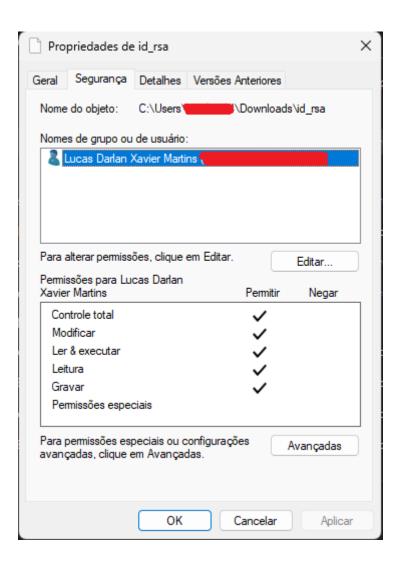
Gerando as chaves privada e pública



----END RSA PRIVATE KEYroot@vmubuntu:~/.ssh# Fazer o download da chave privada de dentro do servidor para a minha máquina



Ajustar as permissões do arquivo para somente o meu usuário ter acesso.



Copiando a chave pública para Authorized Keys:

Conectando à máquina virtual usando a chave privada que foi gerada na máquina Ubuntu utilizando o utilitário openssh instalado no terminal do Windows:

```
C:\Users\F2104184\Downloads>ssh -i id_rsa lucas@192.168.149.129
Enter passphrase for key 'id_rsa':
lucas@192.168.149.129's password:
```

Conexão bem-sucedida

```
Enable ESM Apps to receive additional future security updates.

See https://ubuntu.com/esm or run: sudo pro status

New release '20.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Wed Mar 29 22:31:01 2023

lucas@vmubuntu:~$ pwd
/home/lucas

lucas@vmubuntu:~$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.149.129 netmask 255.255.255.0 broadcast 192.168.149.255
    inet 6 fe80:20e:29ff;fec6:2b7f prefixlen 64 scopeid 0x20link>
    ether 00:0c:29:c6:2b:7f txqueuelen 1000 (Ethernet)
    RX packets 135 bytes 30136 (30.1 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 118 bytes 20433 (20.4 KB)
    TX errors 0 dropped overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 655366
    inet 127.0.0.1 netmask 255.0.0.0
    inet6::1 prefixlen 128 scopeid 0x10<ho>
        lopt xqueuelen 1000 (Local Loopback)
        RX packets 88 bytes 6800 (6.8 KB)
        RX errors 0 dropped 0 overruns 0 frame 0
        TX packets 88 bytes 6800 (6.8 KB)
        TX errors 0 dropped 0 overruns 0 frame 0
        TX packets 88 bytes 6800 (6.8 KB)
        TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lucas@vmubuntu:~$
```