```
rafael@admin:~$ sudo dpkg -l | less | grep ssh
[sudo] password for rafael:
ii  libssh-4:amd64                        0.9.6-2ubuntu0.22.04.1            amd64        tiny
C SSH library (OpenSSL flavor)
ii  openssh-client                        1:8.9p1-3ubuntu0.3               amd64        secur
e shell (SSH) client, for secure access to remote machines
ii  openssh-server                        1:8.9p1-3ubuntu0.3               amd64        secur
e shell (SSH) server, for secure access from remote machines
ii  openssh-sftp-server                   1:8.9p1-3ubuntu0.3               amd64        secur
e shell (SSH) sftp server module, for SFTP access from remote machines
ii  ssh-import-id                         5.11-0ubuntu1                    all          secur
ely retrieve an SSH public key and install it locally
rafael@admin:~$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
     Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)
     Active: active (running) since Wed 2023-08-30 23:19:00 UTC; 4min 46s ago
       Docs: man:sshd(8)
             man:sshd_config(5)
    Process: 656 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 700 (sshd)
      Tasks: 1 (limit: 2220)
     Memory: 4.4M
        CPU: 65ms
     CGroup: /system.slice/ssh.service
             └─700 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

ago 30 23:18:58 admin systemd[1]: Starting OpenBSD Secure Shell server...
ago 30 23:19:00 admin sshd[700]: Server listening on 0.0.0.0 port 22.
ago 30 23:19:00 admin sshd[700]: Server listening on :: port 22.
ago 30 23:19:00 admin systemd[1]: Started OpenBSD Secure Shell server.
rafael@admin:~$ _
```

Right Control

```
Windows PowerShell                                                    —    □    ✕

PS C:\Users\Alunos> ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (C:\Users\Alunos/.ssh/id_rsa):
C:\Users\Alunos/.ssh/id_rsa already exists.
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\Alunos/.ssh/id_rsa.
Your public key has been saved in C:\Users\Alunos/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:8MHzvShFm7gUAaI1smkMAaTPQWsCD958ez0kIuNFR88 alunos@REDES2-PC13
The key's randomart image is:
+---[RSA 3072]----+
|Ooo +.o+.        |
|+*oB.o..o.       |
|o.@= +..=E.      |
| *..= oo+B +     |
|  o. . .So= .    |
|      .. o...    |
|        o . .    |
|         .       |
|                 |
+----[SHA256]-----+
PS C:\Users\Alunos>
```

```
Windows PowerShell                                              —    □    ✕

PS C:\Users\Alunos> type $env:USERPROFILE\.ssh\id_rsa.pub | ssh rafael@10.112.3.44 "cat >> .ssh/authorized_keys"
PS C:\Users\Alunos>
```

```
Selecionar rafael@admin: ~                                          —    □    ✕

PS C:\Users\Alunos> ssh rafael@10.112.3.44
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-78-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  System information as of qui 31 ago 2023 00:50:41 UTC

  System load:  0.0                  Processes:               102
  Usage of /:   44.3% of 11.21GB     Users logged in:         1
  Memory usage: 11%                  IPv4 address for enp0s3: 10.112.3.44
  Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Manutenção de Segurança Expandida para Applications não está ativa.

0 as atualizações podem ser aplicadas imediatamente.

Ativar ESM Apps para poder receber possiveis futuras atualizações de segurança.
Consulte https://ubuntu.com/esm ou execute: sudo pro status


The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Thu Aug 31 00:45:38 2023 from 10.112.1.21
rafael@admin: $
```