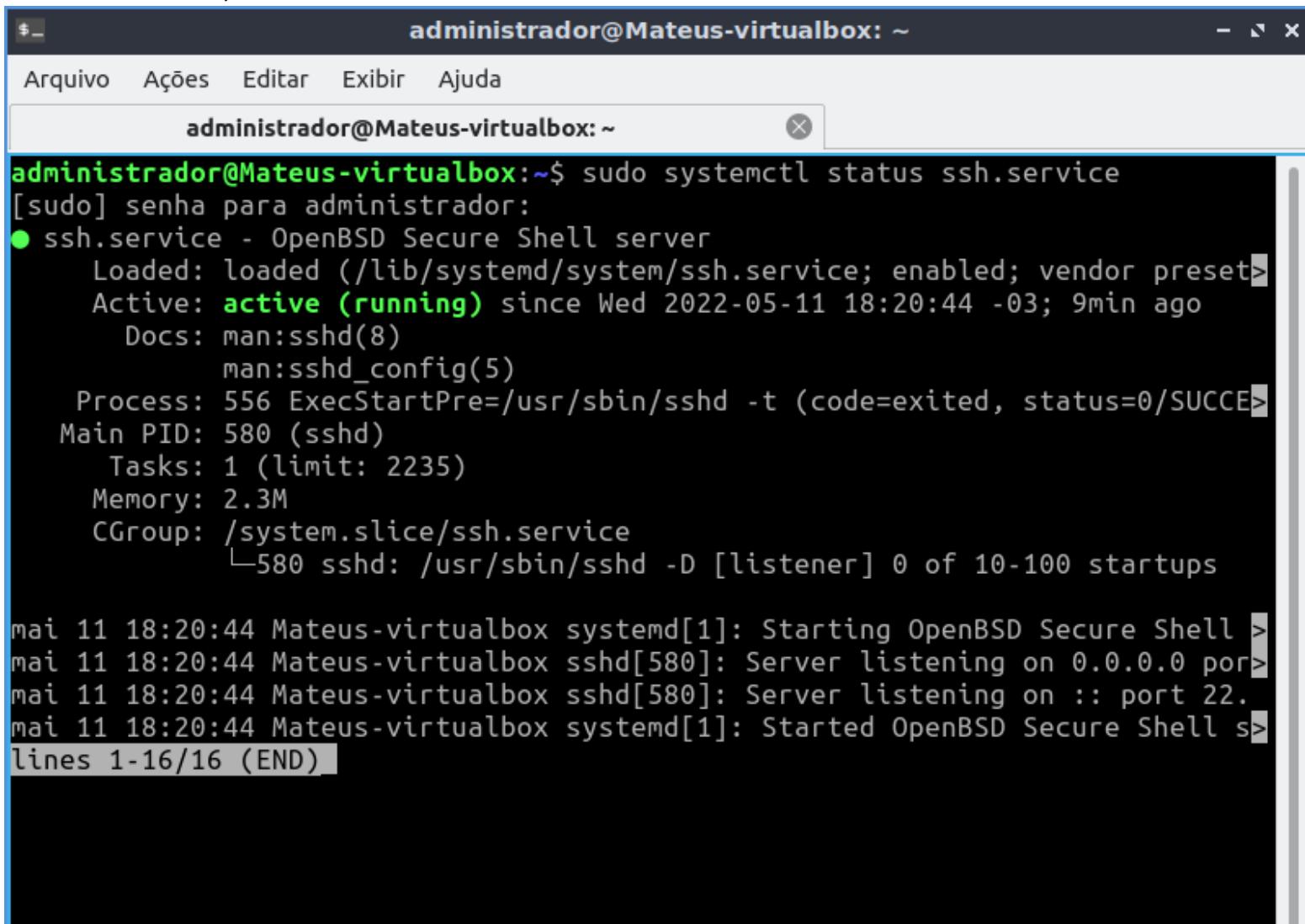


Avaliação 04

Aluno: Mateus Pereira Santos

1) Instalar o Openssh server em uma maquina virtual Linux;



The screenshot shows a terminal window titled "administrador@Mateus-virtualbox: ~". The window contains the following text:

```
administrador@Mateus-virtualbox:~$ sudo systemctl status ssh.service
[sudo] senha para administrador:
● ssh.service - OpenBSD Secure Shell server
  Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)
  Active: active (running) since Wed 2022-05-11 18:20:44 -03; 9min ago
    Docs: man:sshd(8)
          man:sshd_config(5)
  Process: 556 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
  Main PID: 580 (sshd)
     Tasks: 1 (limit: 2235)
    Memory: 2.3M
   CGroup: /system.slice/ssh.service
           └─580 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups

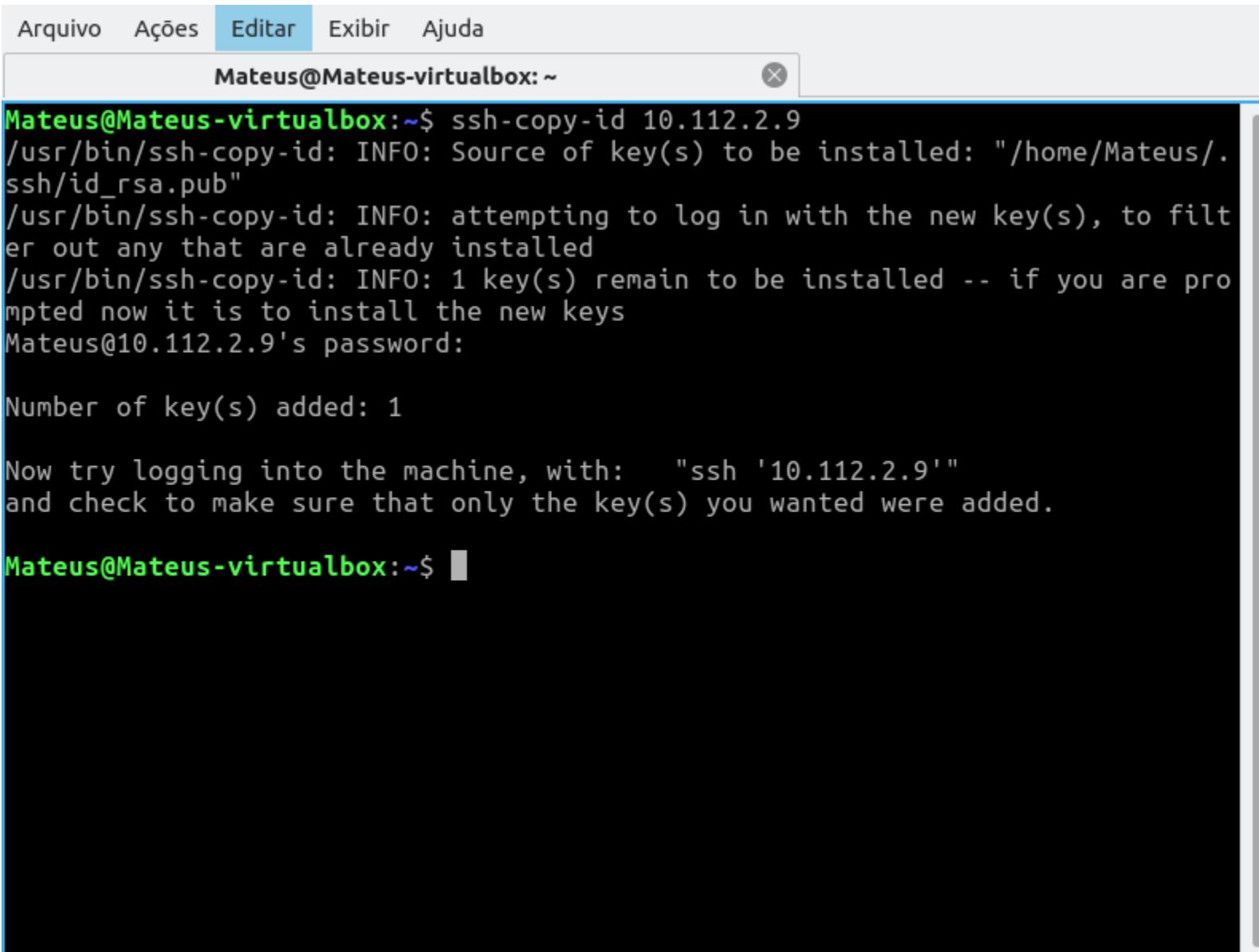
mai 11 18:20:44 Mateus-virtualbox systemd[1]: Starting OpenBSD Secure Shell ...
mai 11 18:20:44 Mateus-virtualbox sshd[580]: Server listening on 0.0.0.0 port 22.
mai 11 18:20:44 Mateus-virtualbox sshd[580]: Server listening on :: port 22.
mai 11 18:20:44 Mateus-virtualbox systemd[1]: Started OpenBSD Secure Shell ...
lines 1-16/16 (END)
```

The terminal window has a dark theme with light-colored text. The title bar and menu bar are in Portuguese. The bottom of the window shows a taskbar with various icons.

2) Criar um par de chaves (Publica/Privada);

```
Arquivo Ações Editar Exibir Ajuda
Mateus@Mateus-virtualbox: ~ ×
sair
Connection to 10.112.2.9 closed.
Mateus@Mateus-virtualbox:~$ ssh-keygen -b 2048
Generating public/private rsa key pair.
Enter file in which to save the key (/home/Mateus/.ssh/id_rsa):
/home/Mateus/.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 /home/Mateus/.ssh/id_rsa
Your public key has been saved in /home/Mateus/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:PocjHhnWzW/9LGPhn3qgU+FdvNmGopNirNJ0IUzxSWU Mateus@Mateus-virtualbox
The key's randomart image is:
+---[RSA 2048]---+
|   . . E
|   + o
|   . o   .
|   o   . o   o
|   o + S o . o.=
|   o = . . =o+o
|   .=.= .o=ooo
|   .o.o++++ =+.
|   o+o . .oo=+
+---[SHA256]---+
Mateus@Mateus-virtualbox:~$
```

3) Copiar a chave pública em uma maquina virtual que está executando o Openssh Server;



A screenshot of a terminal window titled "Mateus@Mateus-virtualbox: ~". The window has a menu bar with "Arquivo", "Ações", "Editar" (which is highlighted in blue), "Exibir", and "Ajuda". The terminal output shows the following command and its execution:

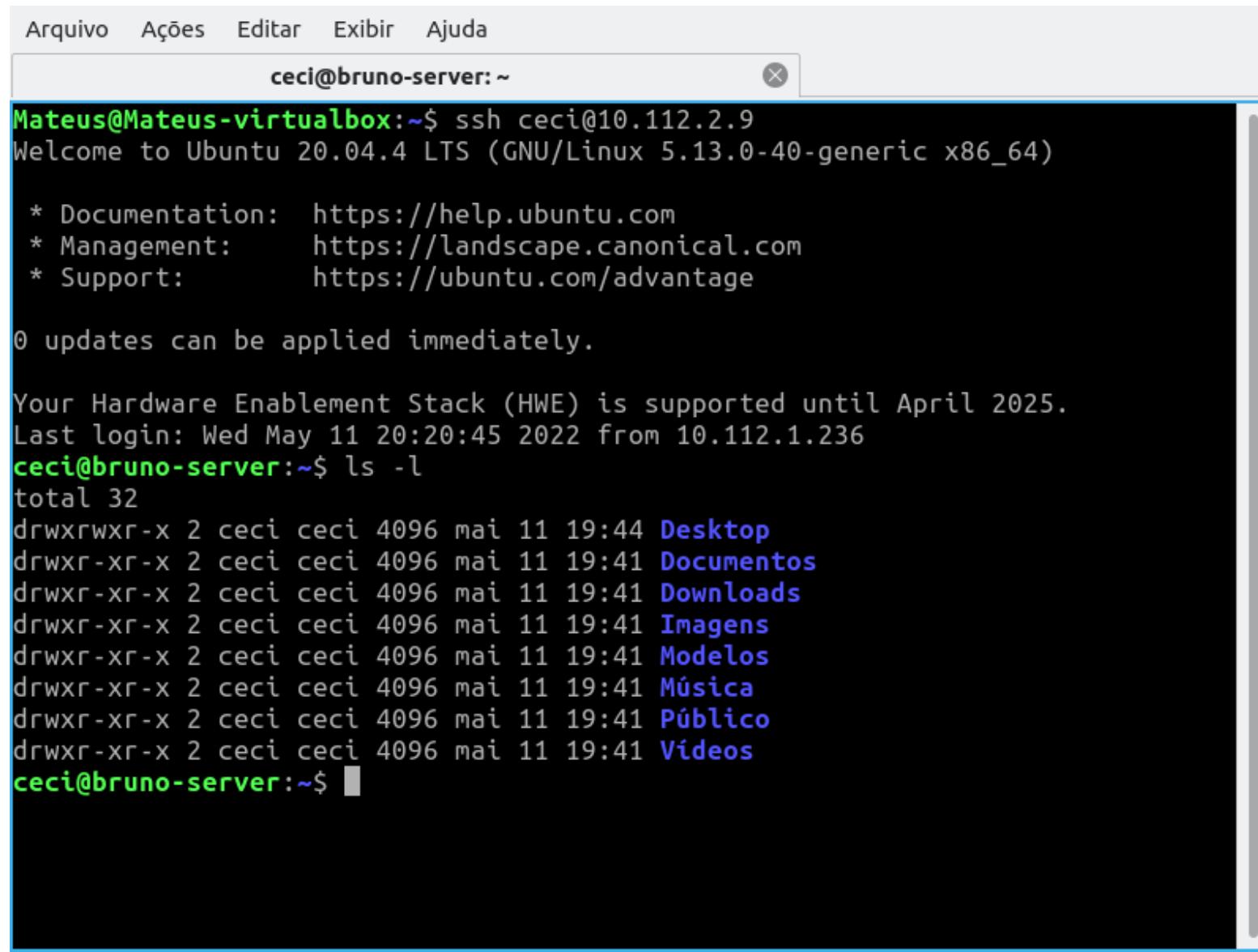
```
Mateus@Mateus-virtualbox:~$ ssh-copy-id 10.112.2.9
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/Mateus/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys
Mateus@10.112.2.9's password:

Number of key(s) added: 1

Now try logging into the machine, with:  "ssh '10.112.2.9'"
and check to make sure that only the key(s) you wanted were added.

Mateus@Mateus-virtualbox:~$
```

4) Testar a conexão entre a maquina cliente e a servidora.



A screenshot of a terminal window titled "Arquivo Ações Editar Exibir Ajuda" with the title bar "ceci@bruno-server: ~". The terminal shows the following output:

```
Mateus@Mateus-virtualbox:~$ ssh ceci@10.112.2.9
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.13.0-40-generic x86_64)

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

0 updates can be applied immediately.

Your Hardware Enablement Stack (HWE) is supported until April 2025.
Last login: Wed May 11 20:20:45 2022 from 10.112.1.236
ceci@bruno-server:~$ ls -l
total 32
drwxrwxr-x 2 ceci ceci 4096 mai 11 19:44 Desktop
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Documentos
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Downloads
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Imagens
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Modelos
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Música
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Público
drwxr-xr-x 2 ceci ceci 4096 mai 11 19:41 Vídeos
ceci@bruno-server:~$ █
```