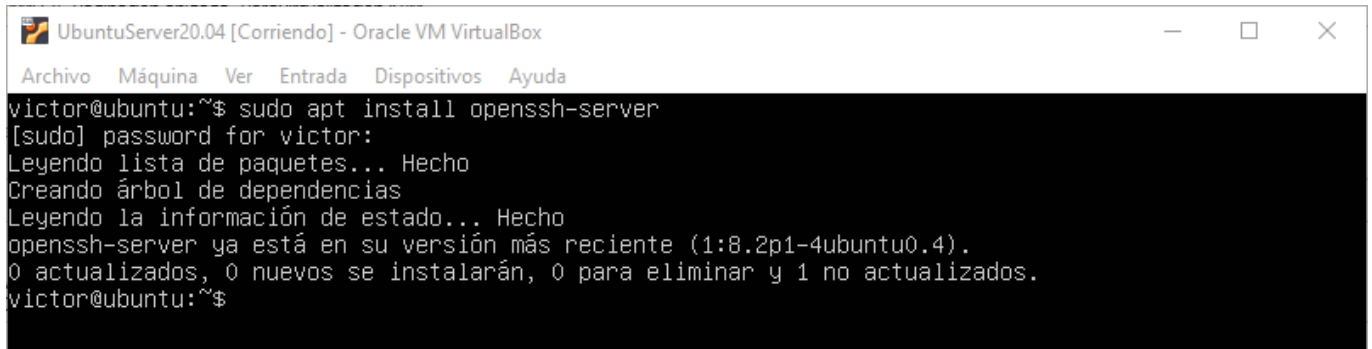


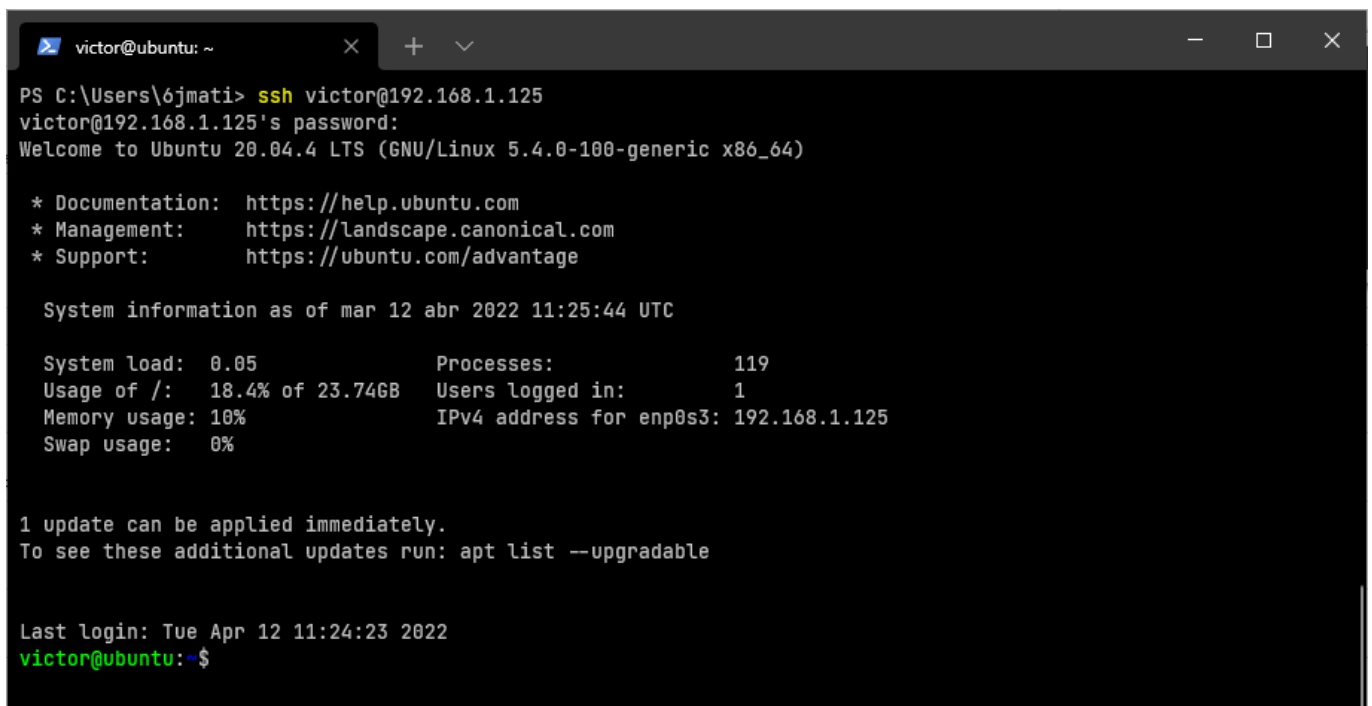
## ACTIVIDAD SSH

### 1.- Instalar el servidor ssh



```
UbuntuServer20.04 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
victor@ubuntu:~$ sudo apt install openssh-server
[sudo] password for victor:
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo la información de estado... Hecho
openssh-server ya está en su versión más reciente (1:8.2p1-4ubuntu0.4).
0 actualizados, 0 nuevos se instalarán, 0 para eliminar y 1 no actualizados.
victor@ubuntu:~$
```

### 2.- Probamos a conectarnos desde un cliente



```
victor@ubuntu: ~
PS C:\Users\6jmati> ssh victor@192.168.1.125
victor@192.168.1.125's password:
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-100-generic x86_64)

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

System information as of mar 12 abr 2022 11:25:44 UTC

System load:  0.05          Processes:            119
Usage of /:   18.4% of 23.74GB Users logged in:       1
Memory usage: 10%          IPv4 address for enp0s3: 192.168.1.125
Swap usage:   0%

1 update can be applied immediately.
To see these additional updates run: apt list --upgradable

Last login: Tue Apr 12 11:24:23 2022
victor@ubuntu:~$
```

### 3.- Configuramos el servicio (puerto 5000, se puede hacer login como victor y no se permite hacer login como root)



```
15 Port 5000
16 AllowUsers victor
17 PermitRootLogin no
```

#### 4.- Reiniciamos el servicio

```
victor@ubuntu: ~  
victor@ubuntu:~$ sudo service ssh restart  
victor@ubuntu:~$ systemctl status sshd.service  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)  
   Active: active (running) since Tue 2022-04-12 11:28:57 UTC; 2s ago  
     Docs: man:sshd(8)  
           man:sshd_config(5)  
  Process: 1341 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)  
 Main PID: 1357 (sshd)  
    Tasks: 1 (limit: 2274)  
  Memory: 1.1M  
   CGroup: /system.slice/ssh.service  
           └─1357 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
abr 12 11:28:57 ubuntu systemd[1]: Starting OpenBSD Secure Shell server...  
abr 12 11:28:57 ubuntu sshd[1357]: Server listening on 0.0.0.0 port 5000.  
abr 12 11:28:57 ubuntu sshd[1357]: Server listening on :: port 5000.  
abr 12 11:28:57 ubuntu systemd[1]: Started OpenBSD Secure Shell server.  
victor@ubuntu:~$
```

#### 5.- Probamos la nueva configuración (no nos podemos conectar por el puerto estandar y no nos podemos conectar como root)

```
PS C:\Users\6jmati> ssh victor@192.168.1.125  
ssh: connect to host 192.168.1.125 port 22: Connection refused  
PS C:\Users\6jmati> ssh root@192.168.1.125 -p 5000  
root@192.168.1.125's password:  
Permission denied, please try again.  
root@192.168.1.125's password:  
PS C:\Users\6jmati> ssh victor@192.168.1.125 -p 5000  
victor@192.168.1.125's password:  
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.4.0-100-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:     https://landscape.canonical.com  
* Support:         https://ubuntu.com/advantage  
  
System information as of mié 13 abr 2022 06:10:38 UTC  
  
System load:  0.15           Processes:            117  
Usage of /:   18.5% of 23.74GB Users logged in:       0  
Memory usage: 10%           IPv4 address for enp0s3: 192.168.1.125  
Swap usage:   0%  
  
1 update can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
Last login: Tue Apr 12 11:31:55 2022 from 192.168.1.101  
victor@ubuntu:~$
```