

## 1.- Instalar un servidor SSH en Linux

- Crear usuarios que puedan acceder al equipo a través del ssh (adduser)

```
aminaboulaknadel:x:1006:1003:,,,:/home/aminaboulaknadel:/bin/bash
```

mediante el comando `sudo adduser aminaboulaknadel`

- Instalar el servidor ssh (Ubuntu, Knoppix)

```
amin@ubuntu:~$ systemctl status ssh
* ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)
   Active: active (running) since mar 2025-11-04 11:32:43 CET; 15min ago
   Process: 1199 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 1306 (sshd)
     Tasks: 1
    Memory: 2.1M
       CPU: 66ms
   CGroup: /system.slice/ssh.service
           └─1306 /usr/sbin/sshd -D

nov 04 11:32:42 ubuntu systemd[1]: Starting OpenBSD Secure Shell server...
nov 04 11:32:43 ubuntu sshd[1306]: Server listening on 0.0.0.0 port 22.
nov 04 11:32:43 ubuntu sshd[1306]: Server listening on :: port 22.
nov 04 11:32:43 ubuntu systemd[1]: Started OpenBSD Secure Shell server.
nov 04 11:36:38 ubuntu sshd[1550]: Accepted password for aminaboulaknadel from 192.168.1.153 port 33
nov 04 11:36:38 ubuntu sshd[1550]: pam_unix(sshd:session): session opened for user aminaboulaknadel
lines 1-17/17 (END)
```

aquí vemos que esta corriendo

- Probar con Putty desde Windows
- Y probar desde otro Linux con el comando `ssh`

```
amin@amin-VirtualBox:~$ ssh aminaboulaknadel@192.168.1.152
The authenticity of host '192.168.1.152 (192.168.1.152)' can't be established.
ECDSA key fingerprint is SHA256:RN3mes+whCuM3CEjreEyzWVKcDimNKFaiH5SD9n/V+k.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '192.168.1.152' (ECDSA) to the list of known hosts.
aminaboulaknadel@192.168.1.152's password:
Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.4.0-87-generic i686)

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

Pueden actualizarse 240 paquetes.
155 actualizaciones son de seguridad.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
```

aquí podemos ver que si se ha hecho correctamente la conexión remota

1.b.- ¿Cómo se podría conectar un usuario sin tener que meter la contraseña cada vez que se conecta?

```
ssh-keygen -t rsa -b 4096 -C "aminaboulaknadel@clien
```

```
~$ ssh-copy-id aminaboulaknadel@192.168.1.152
FO: Source of key(s) to be installed: "/home/aminaboula

'192.168.1.152 (192.168.1.152)' can't be established.
SHA256:RN3mes+whCuM3CEjreEyzWVKcDimNKFaIh5SD9n/V+k.
continue connecting (yes/no)? yes
FO: attempting to log in with the new key(s), to filter
y installed
FO: 1 key(s) remain to be installed -- if you are promp
the new keys
.1.152's password:

1

machine, with:  "ssh 'aminaboulaknadel@192.168.1.152'
hat only the key(s) you wanted were added.
```

```
:~$ ssh aminaboulaknadel@192.168.1.152
.3 LTS (GNU/Linux 4.4.0-87-generic i686)

s://help.ubuntu.com
s://landscape.canonical.com
s://ubuntu.com/advantage

paquetes.
de seguridad.
```