

Conexión remota



- CONEXIÓN REMOTA. Teoría

- SIN SESIÓN

- ADMINISTRACIÓN REMOTA (Teamviewer)
 - PRESENTACIÓN (VNC)

- CON SESIÓN

- GRÁFICA

- LTSP (SERVIDOR TERMINALES GPL). KNOOPPIX 7
 - ~~FREENX (Knoppix4)~~
 - ESCRITORIO REMOTO / RDP (W10)
 - TERMINAL SERVICES (WINDOWS SERVER)

- LÍNEA DE COMANDOS

- ~~TELNET~~
 - SSH

HACER ESTOS MANUALES

Nota: crear un usuario con vuestro nombre y apellidos, que es el que se conecta de forma remota y es el que aparece en las capturas de pantalla.

ej: `ssh pedrosalazar@ipservidor`

1.- Instalar un servidor SSH en Linux

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

```
smr@ubuntuserver:~$ sudo adduser angelullaguarí
[sudo] password for smr:
Adding user `angelullaguarí' ...
Adding new group `angelullaguarí' (1001) ...
Adding new user `angelullaguarí' (1001) with group `angelullaguarí' ...
Creating home directory `/home/angelullaguarí' ...
Copying files from `/etc/skel' ...
New password:
```

- Instalar el servidor ssh (Ubuntu, Knoppix)

```
smr@ubuntuserver:~$ sudo apt install ssh
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libwrap0 ncurses-term openssh-client openssh-server openssh-sftp-server ssh-import-id
Suggested packages:
  keychain libpam-ssh monkeysphere ssh-askpass molly-guard
The following NEW packages will be installed:
  libwrap0 ncurses-term openssh-server openssh-sftp-server ssh ssh-import-id
The following packages will be upgraded:
  openssh-client
1 upgraded, 6 newly installed, 0 to remove and 121 not upgraded.
Need to get 1411 kB of archives.
After this operation, 6241 kB of additional disk space will be used.
Do you want to continue? [Y/n]
```

- Probar con Putty desde Windows

The host key is not cached for this server:
192.168.10.2 (port 22)
You have no guarantee that the server is the computer you think it is.
The server's ssh-ed25519 key fingerprint is:
ssh-ed25519 255 SHA256:+tWYAZZwV/D1T7BobRxdvgNEhm7cyTcUooWXm/JEgo
If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".

Help More info... Accept Connect Once Cancel

```
angellullaguari@ubuntuserver: ~
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-96-generic x86_64)

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

System information as of Wed Oct 29 16:43:21 UTC 2025

System load:  0.04           Processes:          116
Usage of /:   50.3% of 8.79GB  Users logged in:    1
Memory usage: 21%            IPv4 address for enp0s8: 192.168.10.2
Swap usage:   0%

326 updates can be installed immediately.
212 of these updates are security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.5 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.

angellullaguari@ubuntuserver:~$
```

- Y probar desde otro Linux con el comando ssh

```
angellullaguardi@ubuntuserver:~$ Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-96-generic x86_64)

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

 System information as of Wed Oct 29 17:32:23 UTC 2025

 System load:  0.0          Processes:           114
 Usage of /:   50.3% of 8.79GB  Users logged in:    2
 Memory usage: 21%          IPv4 address for enp0s8: 192.168.10.2
 Swap usage:   0%

326 updates can be installed immediately.
212 of these updates are security updates.
To see these additional updates run: apt list --upgradable

New release '22.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Wed Oct 29 16:43:21 2025 from 192.168.10.1
angellullaguardi@ubuntuserver:~$
```

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

```
usuario@usuario-VirtualBox:~$ ssh-keygen
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/usuario/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/usuario/.ssh/id_ed25519
Your public key has been saved in /home/usuario/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:SYVzpHCw6Rk0Ldxg/dT7T+CChGCXAvanbd5F8zNb+5g usuario@usuario-VirtualBox
The key's randomart image is:
++-[ED25519 256]-
| ooB*+.o.
| . +**Ooo .
| .==+* o.
| . B...o.o.
| + S. ..o+..
| o .... o=o|
| . . .+ |
| oo|
| E .|
+---[SHA256]-----+
usuario@usuario-VirtualBox:~$
```

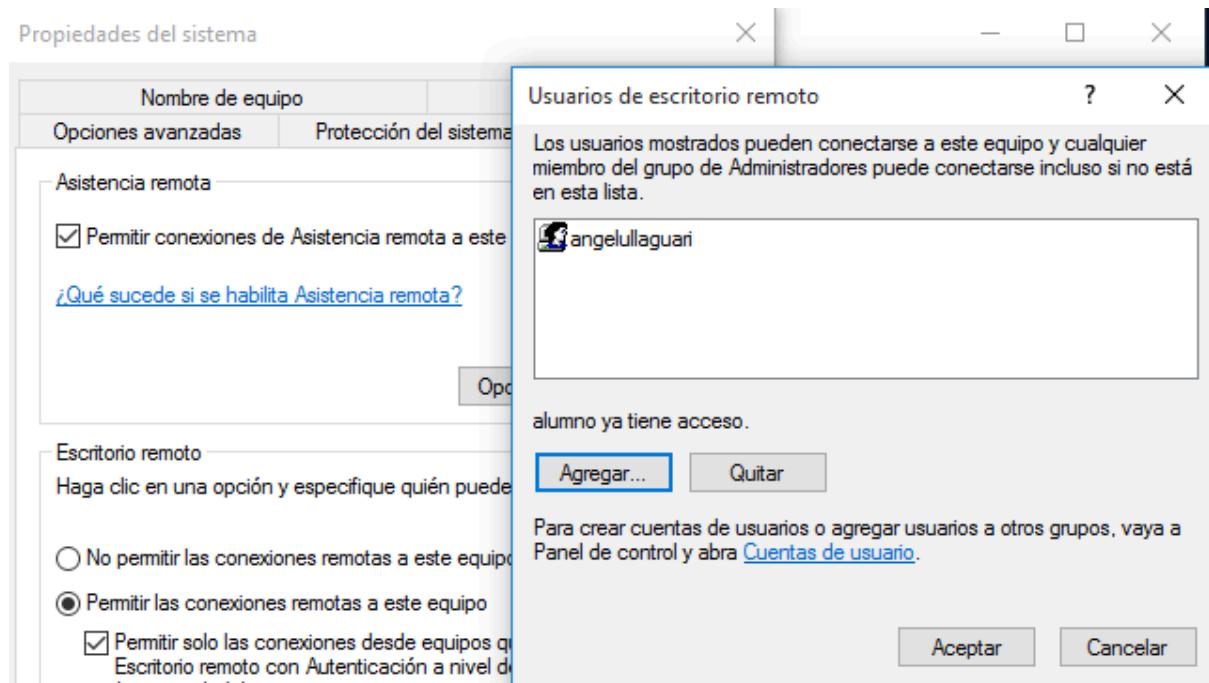
```
usuario@usuario-VirtualBox:~$ ssh-copy-id angelullaguari@192.168.10.2
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter
out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompt
ed now it is to install the new keys
angelullaguari@192.168.10.2's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'angelullaguari@192.168.10.2'"
and check to make sure that only the key(s) you wanted were added.
```

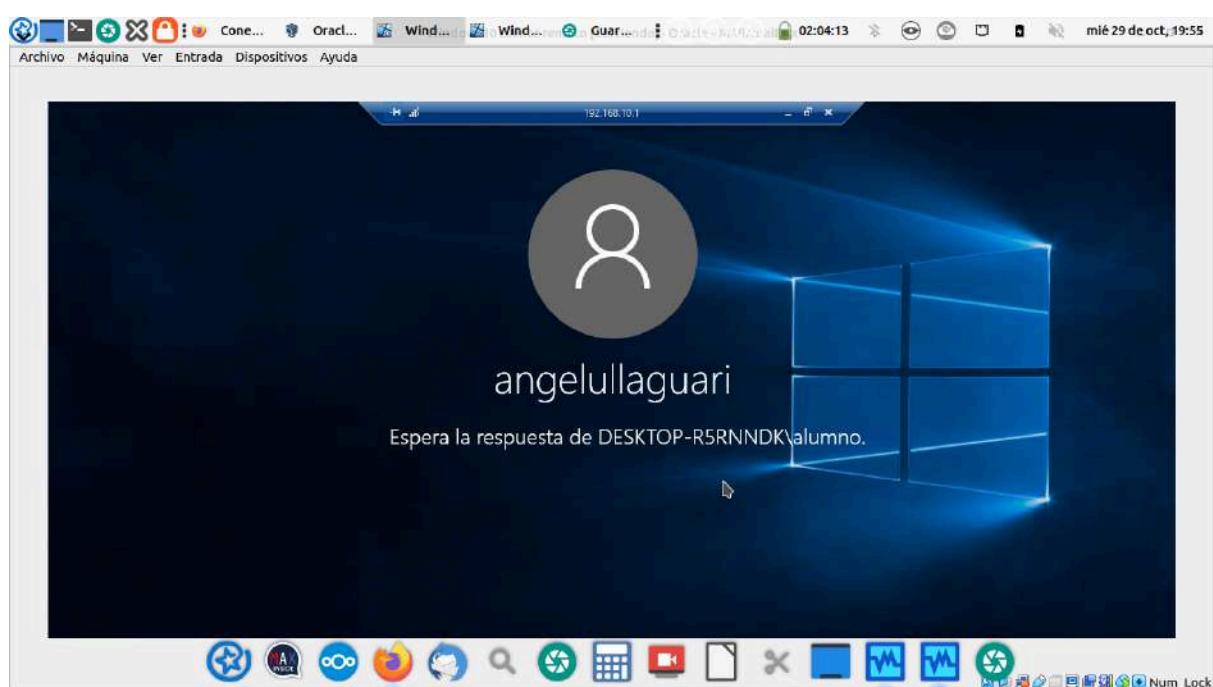
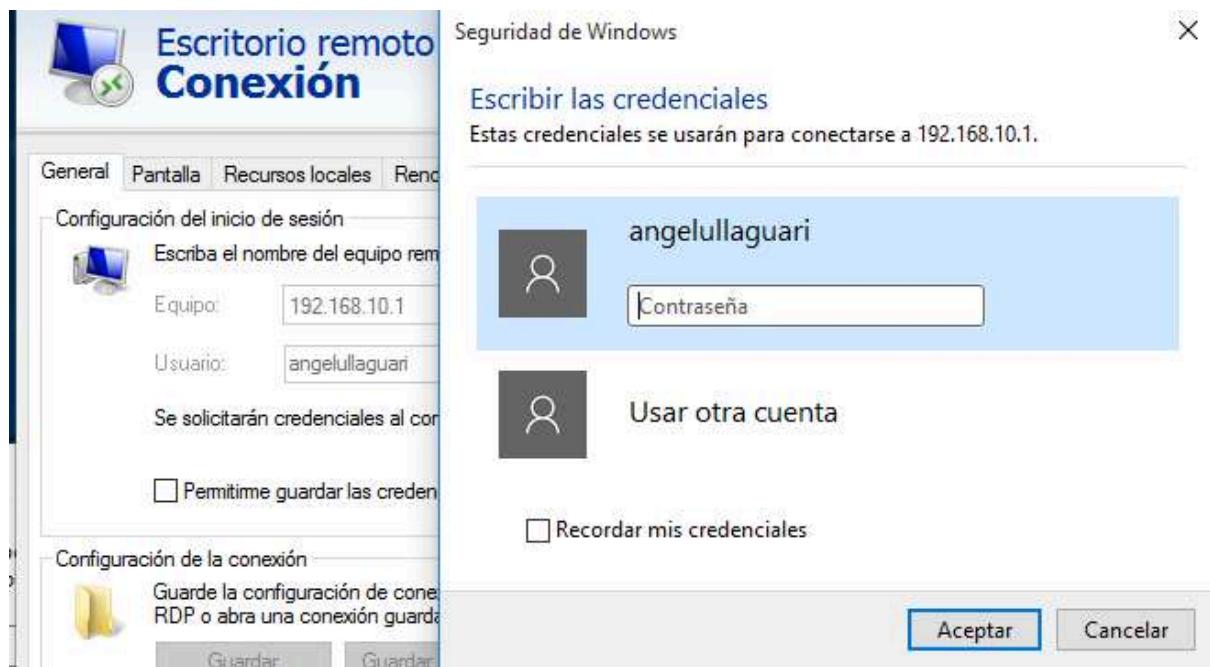
2.- Conexión de escritorio remoto en Windows (RDP)

Levantar el servicio RDP en windows

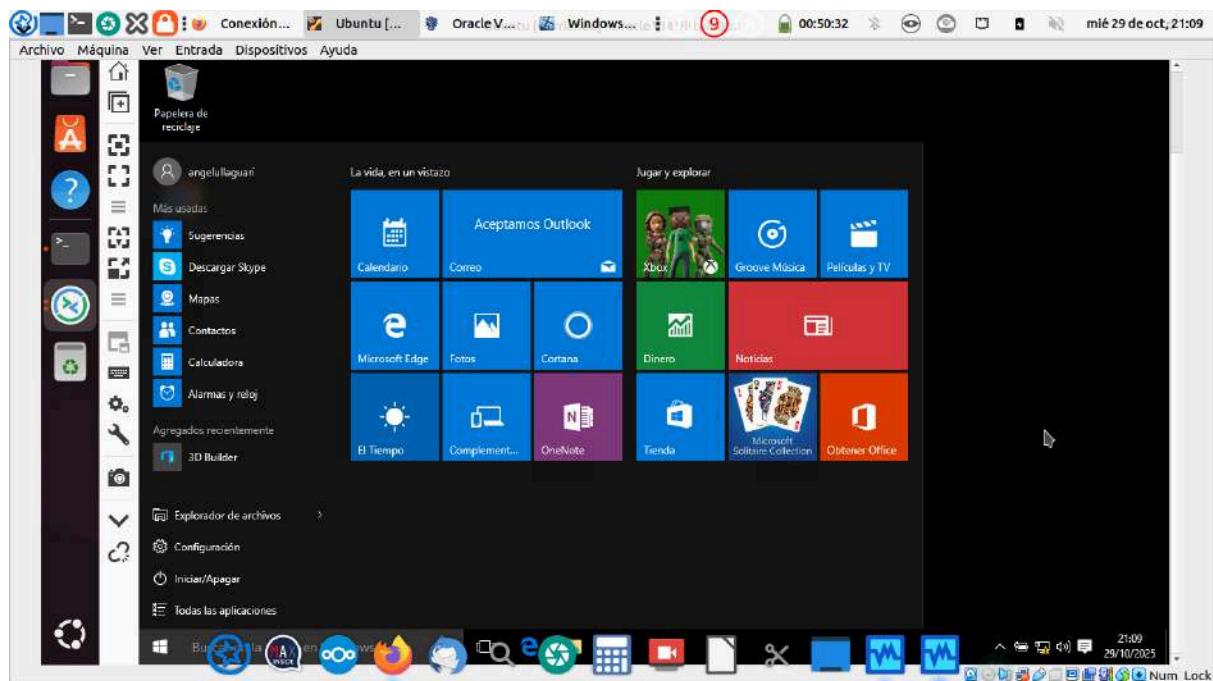
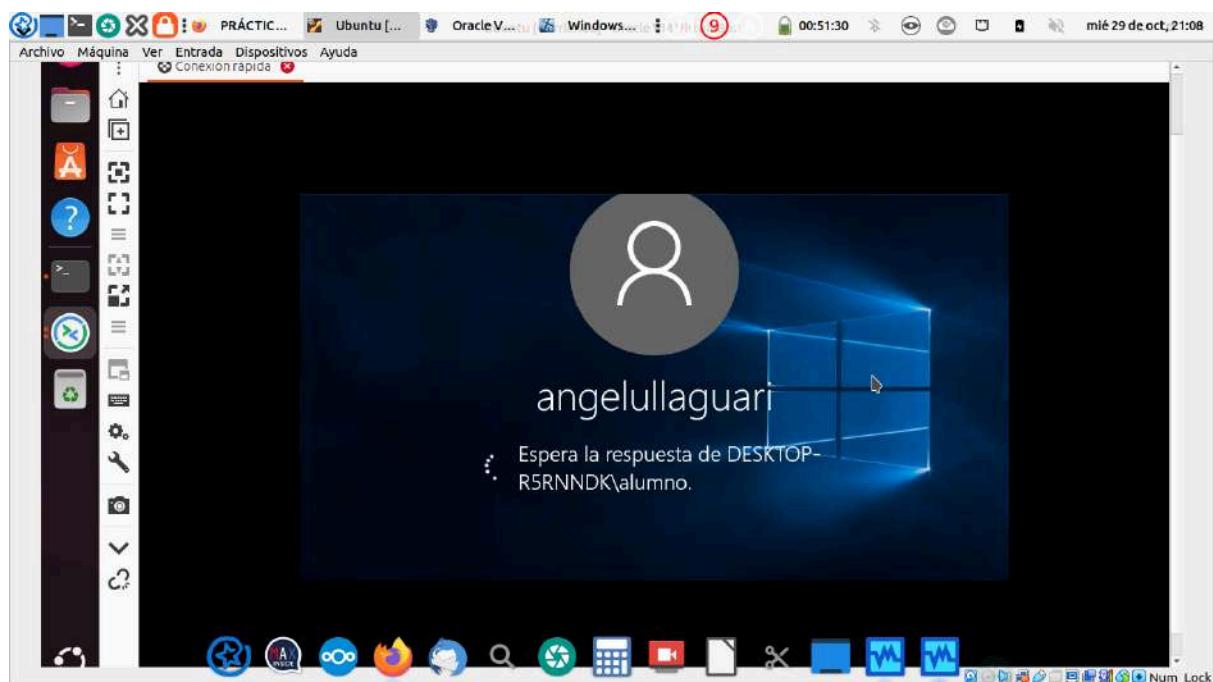


Conexión cliente RDP desde:

- Windows

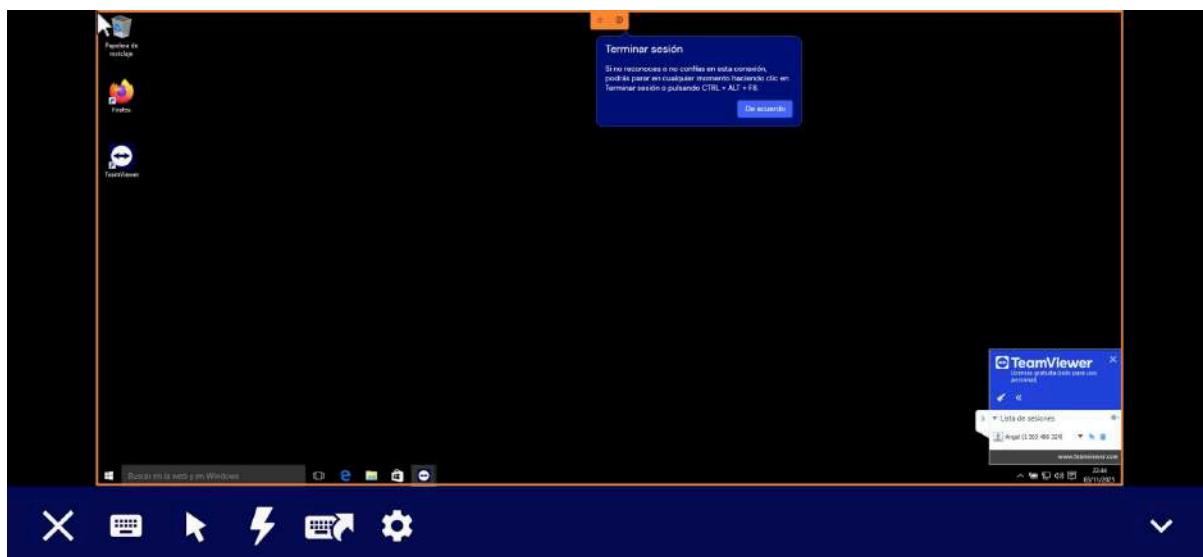


- Linux (Remmina)

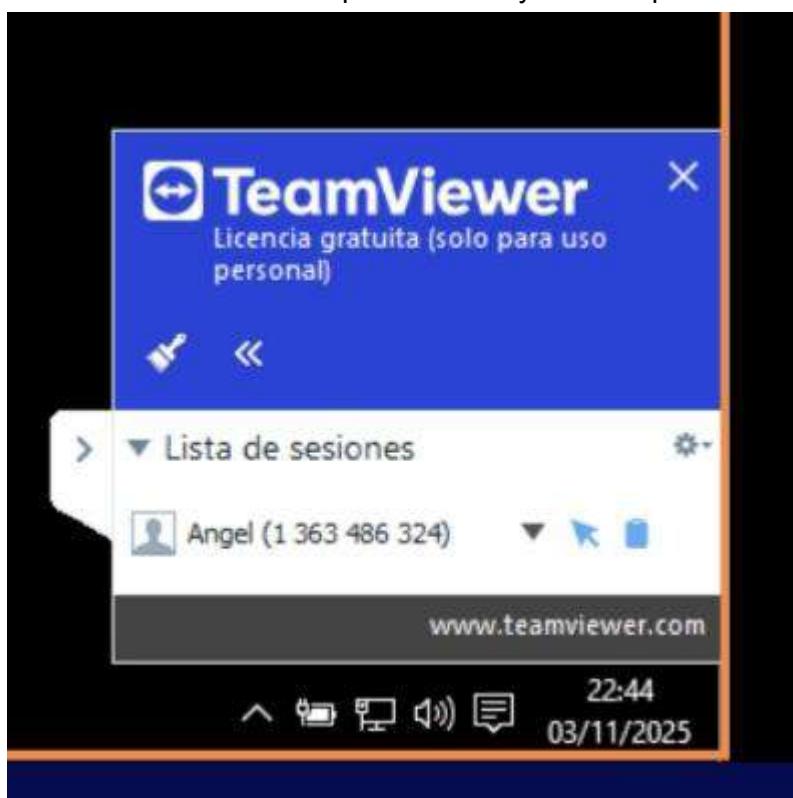


3.- Instalar un Teamviewer en equipo windows y en otro Linux

- conectar a administración remota desde:
 - Otro equipo windows y desde otro LInux
 - Desde móvil



- conectar en modo presentación y ver las opciones disponibles



- Otro equipo windows y desde otro Linux
- Desde móvil

