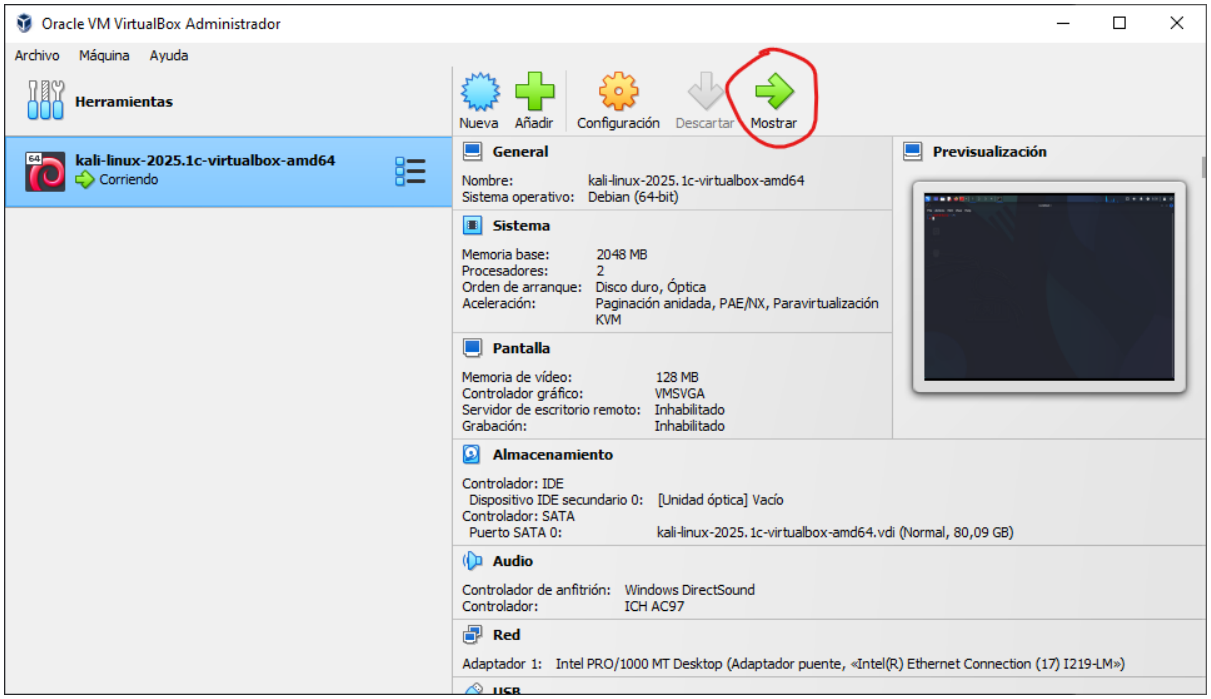
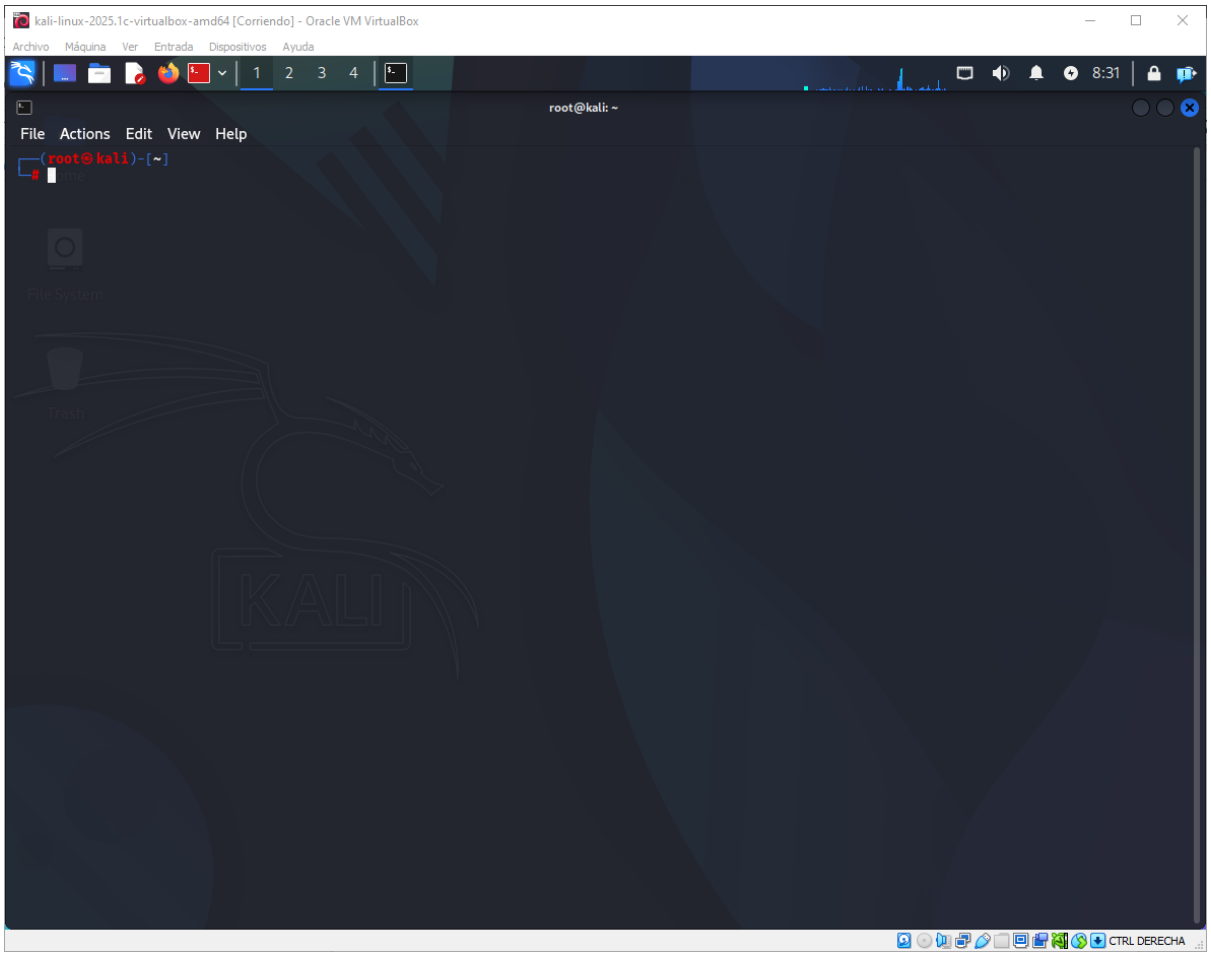
Robert Alberto Pertuz

Laboratorio 20 y 21

Abrimos Virtual box e iniciamos Kali linux



Despues de que inicie Kali linux Abrimos la terminal en root



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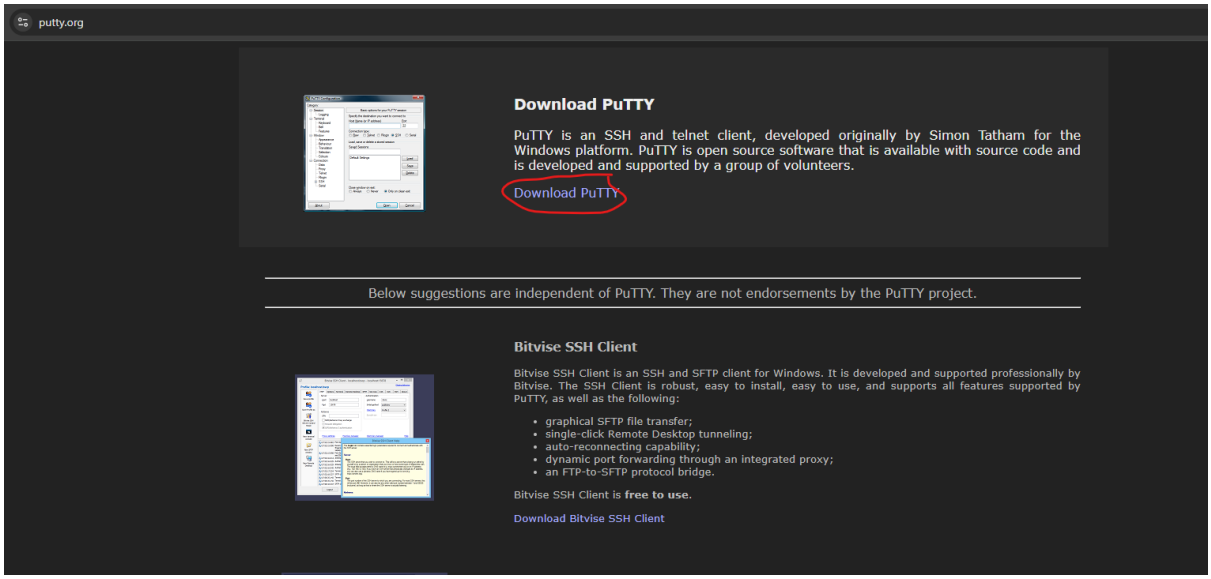
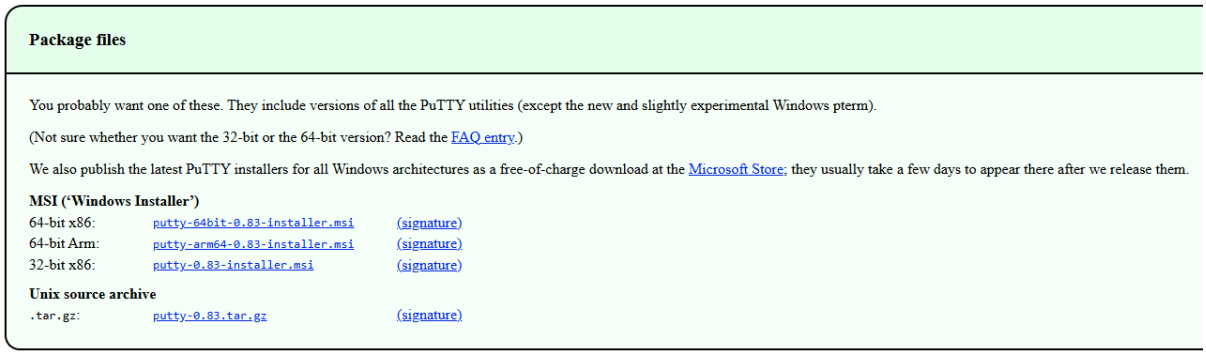
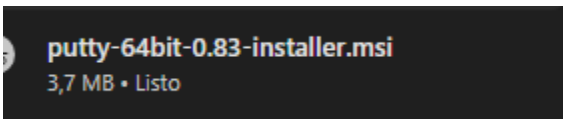
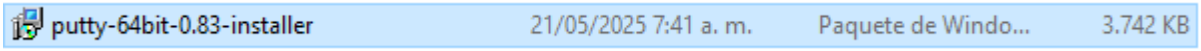
```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# apt update
Get:1 http://mirrors.jevincanders.net/kali kali-rolling InRelease [41.5 kB]
Get:2 http://mirrors.jevincanders.net/kali kali-rolling/main amd64 Packages [21.0 MB]
Get:3 http://mirrors.jevincanders.net/kali kali-rolling/main amd64 Contents (deb) [51.9 MB]
Ign:3 http://mirrors.jevincanders.net/kali kali-rolling/main amd64 Contents (deb)
Get:4 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Packages [121 kB]
Ign:4 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Packages
Get:5 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Contents (deb) [327 kB]
Ign:5 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Contents (deb)
Get:6 http://mirrors.jevincanders.net/kali kali-rolling/non-free amd64 Packages [204 kB]
Ign:6 http://mirrors.jevincanders.net/kali kali-rolling/non-free amd64 Packages
Get:7 http://mirrors.jevincanders.net/kali kali-rolling/non-free amd64 Contents (deb) [915 kB]
Get:8 http://mirrors.jevincanders.net/kali kali-rolling/non-free-firmware amd64 Packages [10.6 kB]
Get:9 http://mirrors.jevincanders.net/kali kali-rolling/non-free-firmware amd64 Contents (deb) [24.3 kB]
Get:3 http://mirrors.jevincanders.net/kali kali-rolling/main amd64 Contents (deb) [51.9 MB]
Get:4 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Packages [121 kB]
Get:5 http://mirrors.jevincanders.net/kali kali-rolling/contrib amd64 Contents (deb) [327 kB]
Get:6 http://mirrors.jevincanders.net/kali kali-rolling/non-free amd64 Packages [204 kB]
Fetched 56.1 MB in 2min 38s (356 kB/s)
1260 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

Mientras esperamos a que se actualicen los paquetes descargamos e instalamos putty en Windows









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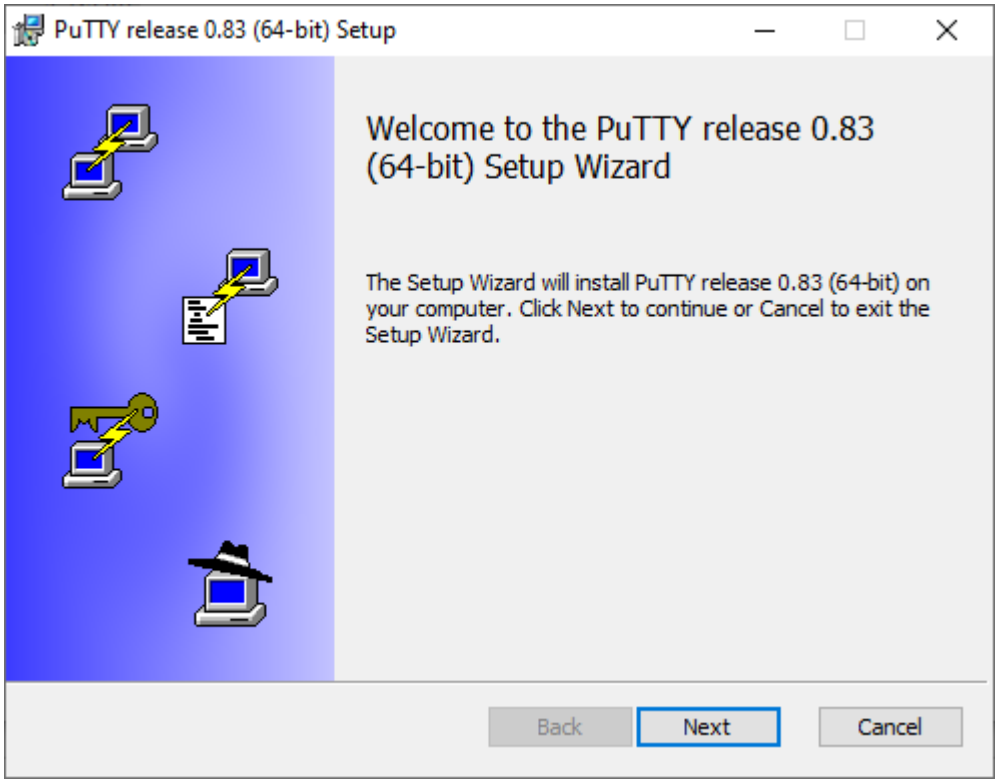

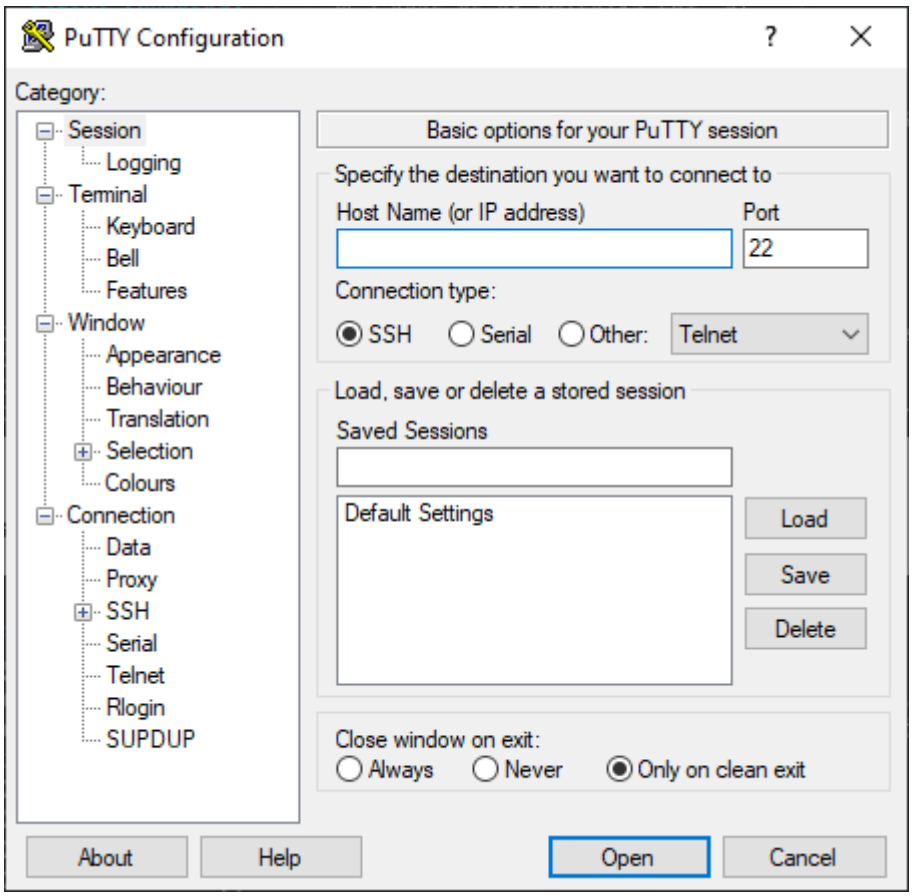

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Volvemos a Kali linux y realizamos los siguientes comandos

sudo install openssh-server –y

```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# sudo apt install openssh-server -y
Upgrading:
  openssh-client  openssh-client-gssapi  openssh-server  openssh-sftp-server

Summary:
  Upgrading: 4, Installing: 0, Removing: 0, Not Upgrading: 1256
  Download size: 1,686 kB
  Freed space: 38.9 kB

Get:3 http://kali.darklab.sh/kali kali-rolling/main amd64 openssh-client amd64 1:9.9p2-2 [968 kB]
Get:2 http://mirror.math.princeton.edu/pub/kali kali-rolling/main amd64 openssh-server amd64 1:9.9p2-2 [523 kB]
Ign:2 http://mirror.math.princeton.edu/pub/kali kali-rolling/main amd64 openssh-server amd64 1:9.9p2-2
Get:2 http://mirror.math.princeton.edu/pub/kali kali-rolling/main amd64 openssh-server amd64 1:9.9p2-2 [523 kB]
Ign:3 http://kali.darklab.sh/kali kali-rolling/main amd64 openssh-client amd64 1:9.9p2-2
Get:1 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-sftp-server amd64 1:9.9p2-2 [65.4 kB]
Get:3 http://kali.darklab.sh/kali kali-rolling/main amd64 openssh-client amd64 1:9.9p2-2 [968 kB]
Ign:3 http://kali.darklab.sh/kali kali-rolling/main amd64 openssh-client amd64 1:9.9p2-2
Ign:1 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-sftp-server amd64 1:9.9p2-2
Get:4 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-client-gssapi all 1:9.9p2-2 [130 kB]
Get:3 http://kali.darklab.sh/kali kali-rolling/main amd64 openssh-client amd64 1:9.9p2-2 [968 kB]
Ign:4 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-client-gssapi all 1:9.9p2-2
Get:1 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-sftp-server amd64 1:9.9p2-2 [65.4 kB]
Get:4 http://mirror.ufro.cl/kali kali-rolling/main amd64 openssh-client-gssapi all 1:9.9p2-2 [130 kB]
Fetched 824 kB in 1min 44s (7,955 B/s)
Preconfiguring packages ...
(Reading database ... 408558 files and directories currently installed.)
Preparing to unpack .../openssh-sftp-server_1%3a9.9p2-2_amd64.deb ...
Unpacking openssh-sftp-server (1:9.9p2-2) over (1:9.9p1-3) ...
Preparing to unpack .../openssh-server_1%3a9.9p2-2_amd64.deb ...
Unpacking openssh-server (1:9.9p2-2) over (1:9.9p1-3) ...
Preparing to unpack .../openssh-client_1%3a9.9p2-2_amd64.deb ...
Unpacking openssh-client (1:9.9p2-2) over (1:9.9p1-3) ...
Preparing to unpack .../openssh-client-gssapi_1%3a9.9p2-2_all.deb ...
Unpacking openssh-client-gssapi (1:9.9p2-2) over (1:9.9p1-3) ...
Setting up openssh-client (1:9.9p2-2) ...
Setting up openssh-client-gssapi (1:9.9p2-2) ...
Setting up openssh-sftp-server (1:9.9p2-2) ...
Setting up openssh-server (1:9.9p2-2) ...
ssh.service is a disabled or a static unit not running, not starting it.
ssh.socket is a disabled or a static unit not running, not starting it.
Processing triggers for man-db (2.13.0-1) ...
Processing triggers for kali-menu (2025.1.1) ...
Processing triggers for ufw (0.36.2-9) ...
```

sudo systemctl status ssh

```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# sudo systemctl status ssh
○ ssh.service - OpenBSD Secure Shell server
     Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: disabled)
     Active: inactive (dead)
       Docs: man:sshd(8)
             man:sshd_config(5)
```

Podemos observar que ele status de ssh está desabilitado, ló habilitamos con:

Sudo systemctl enable ssh

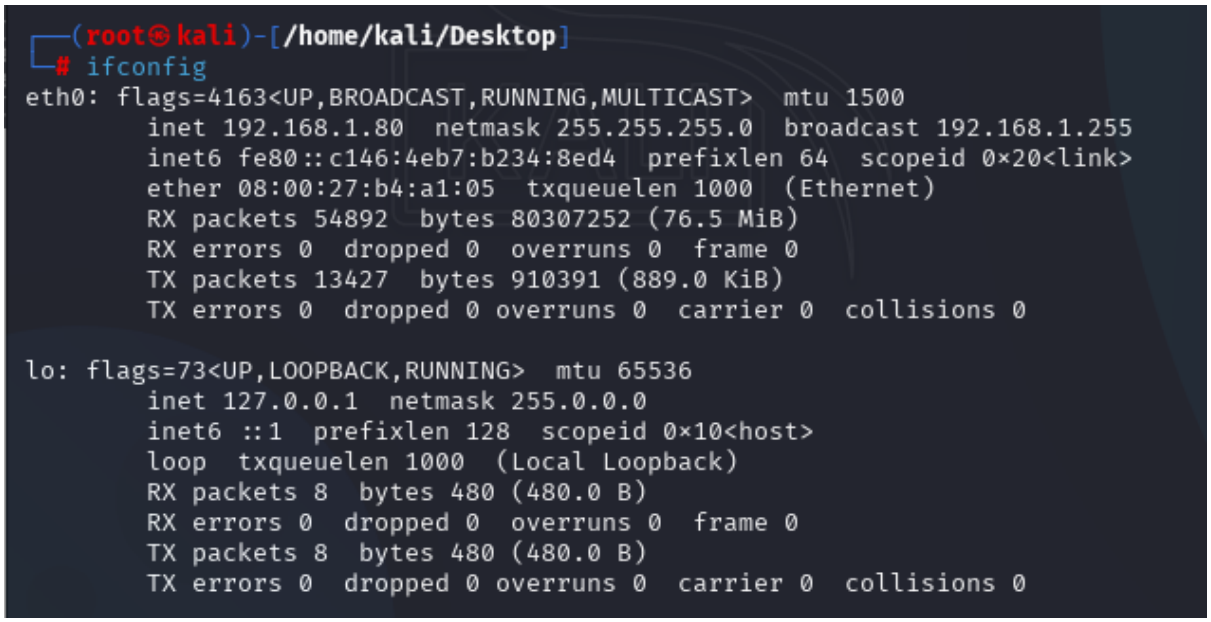
```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# sudo systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable ssh
Created symlink '/etc/systemd/system/sshd.service' → '/usr/lib/systemd/system/ssh.service'.
Created symlink '/etc/systemd/system/multi-user.target.wants/ssh.service' → '/usr/lib/systemd/system/ssh.service'.
```

Sudo systemctl start ssh

```
┌──(root㉿kali)-[/home/kali/Desktop]
└─# sudo systemctl start ssh
```

Ahora revisamos el estado del ssh

Luego realizamos **ifconfig**



Con la **ip** que obtuvimos lo ingresamos en **Putty** y hacemos clic en **Open**

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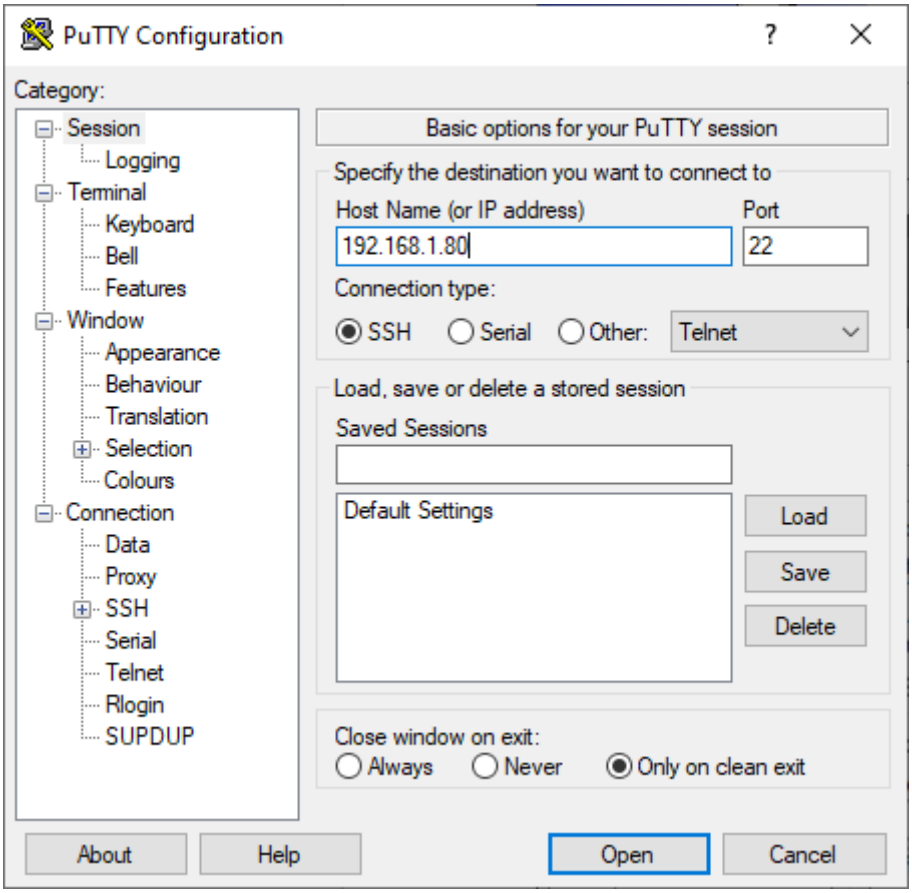
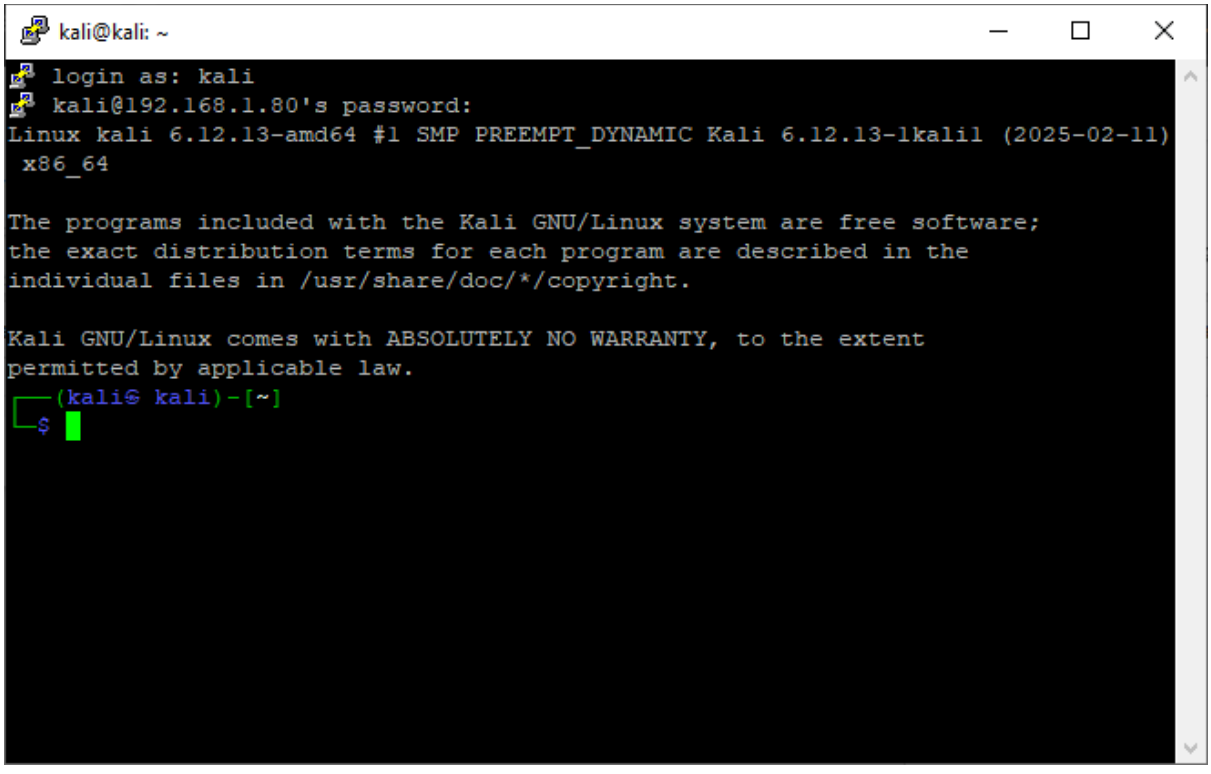


Ingresamos usando el usuario de **Kali Linux**



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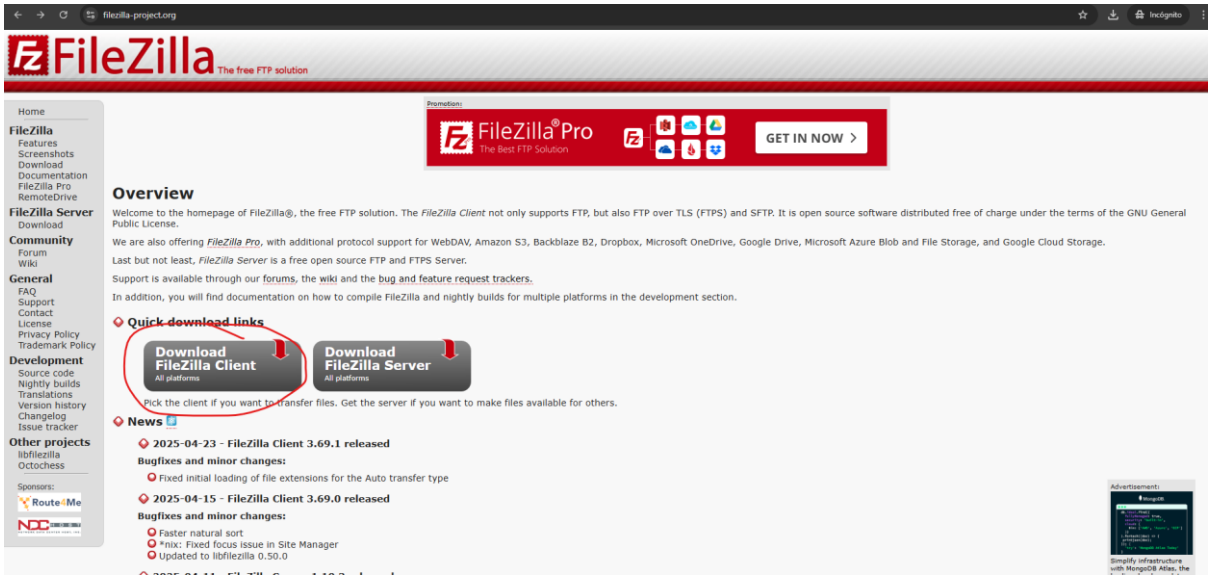

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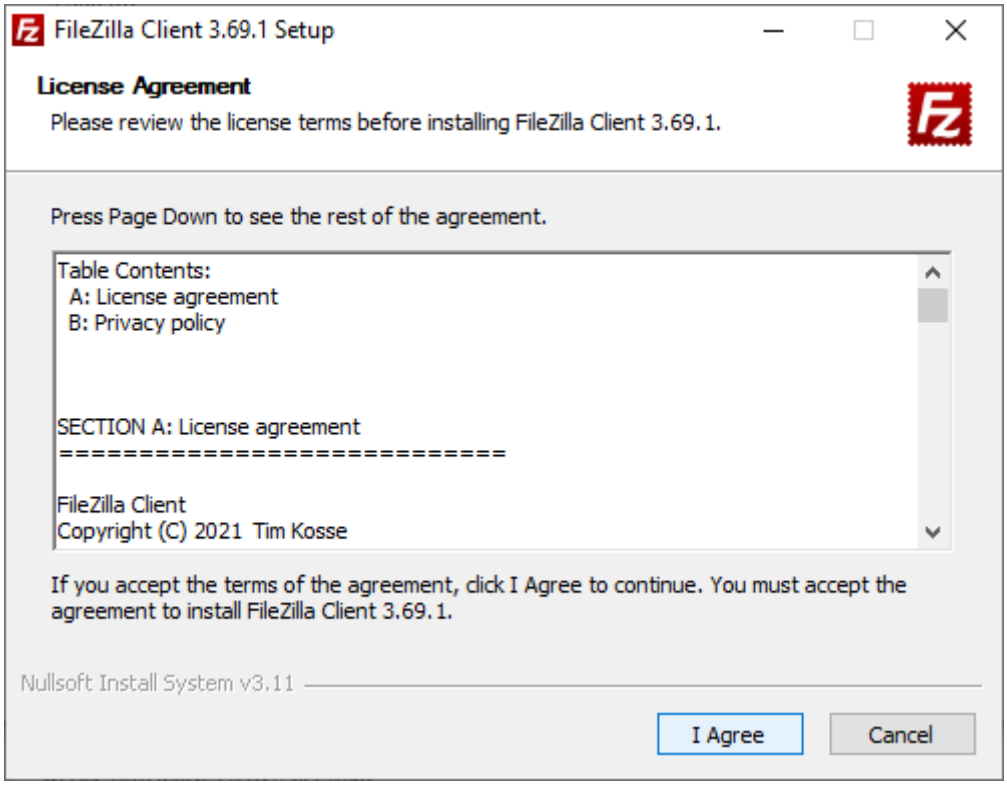

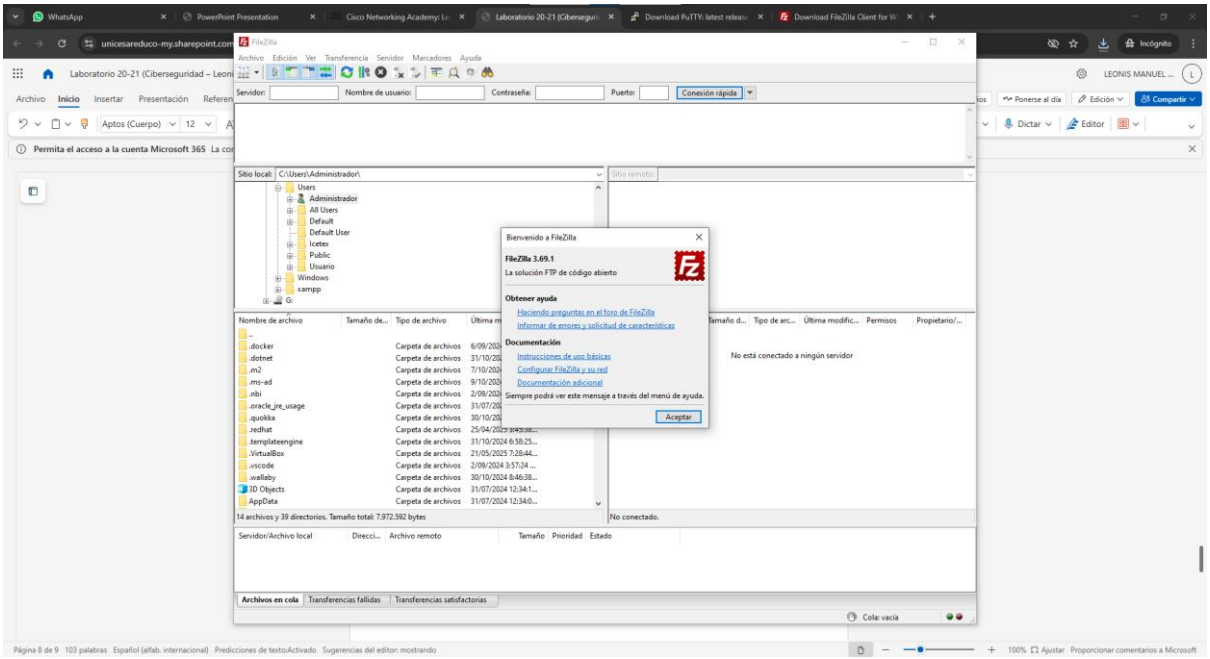

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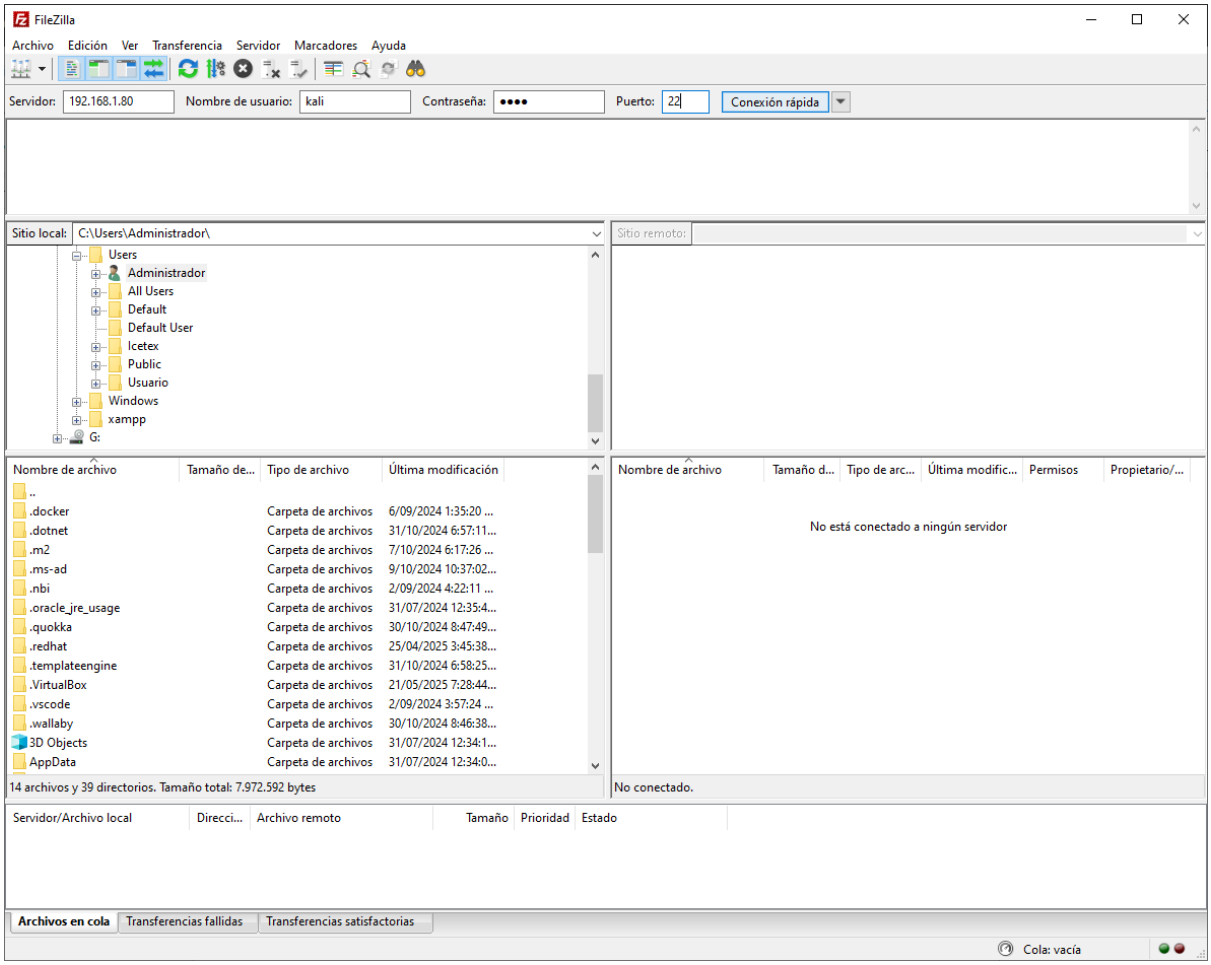
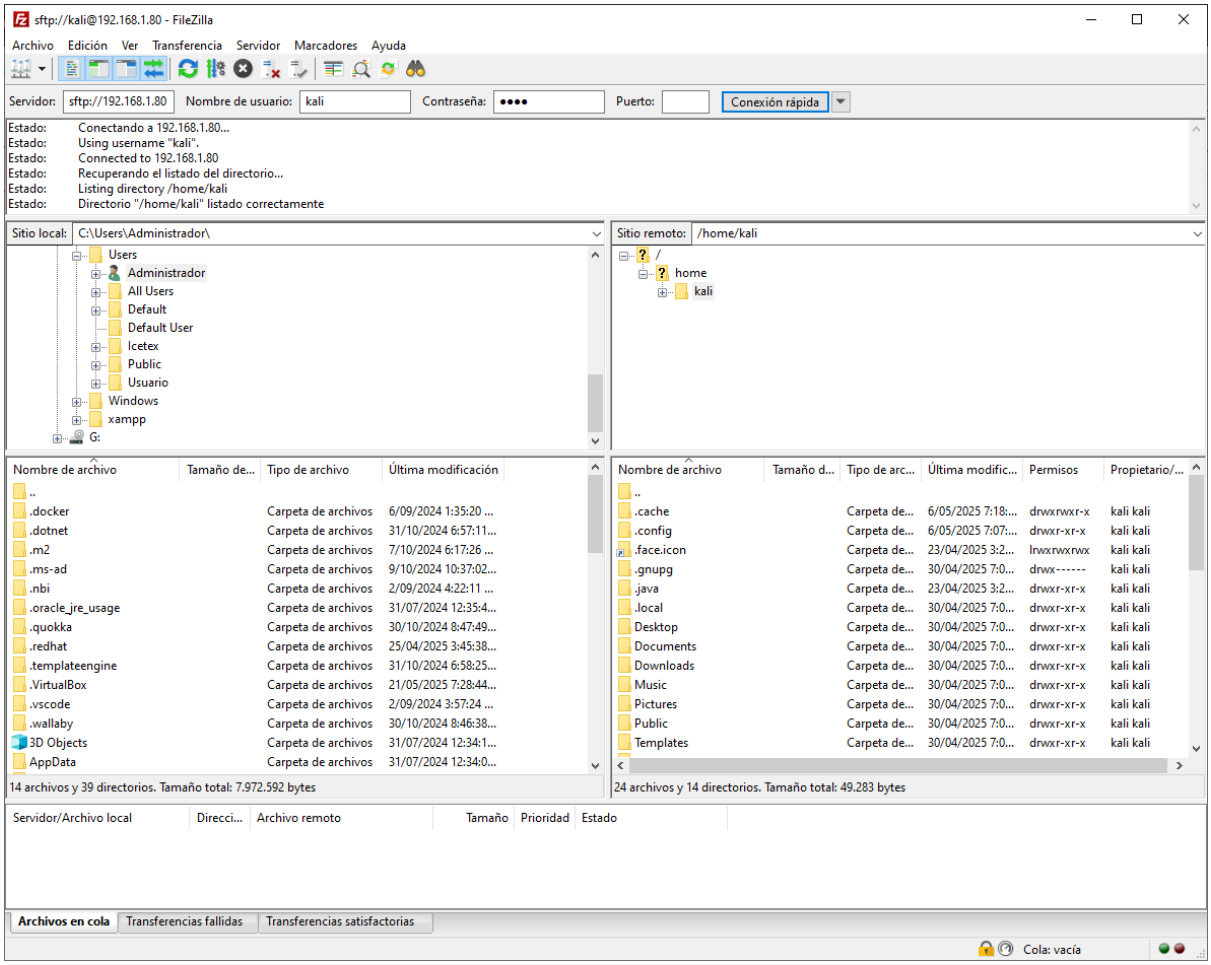
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