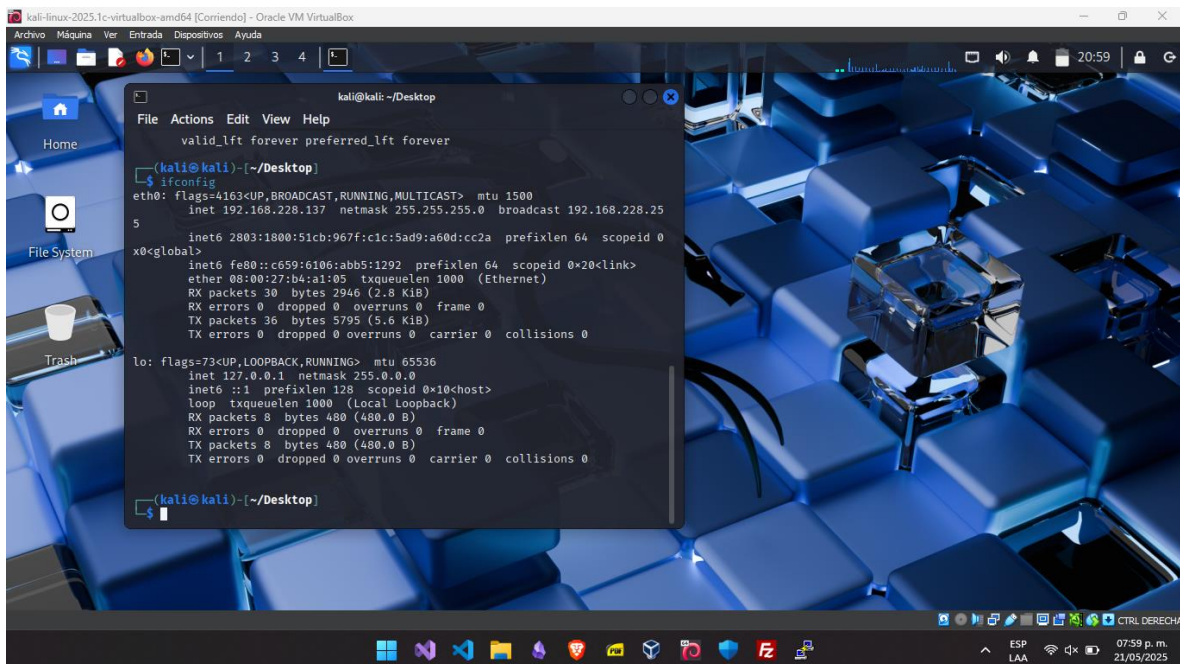


The screenshot shows the FileZilla project website. The header features the FileZilla logo and the tagline "The free FTP solution". A navigation menu on the left includes links to Home, FileZilla (Features, Screenshots, Download, Documentation, FileZilla Pro, RemoteDrive), FileZilla Server (Download), Community (Forum, Wiki), General (FAQ, Support, Contact, License, Privacy Policy, Trademark Policy), and Development (Source code, Nightly builds, Translations, Version history). The main content area has a "Promotion" banner for FileZilla Pro with a "GET IN NOW" button. Below this is an "Overview" section with text about the FileZilla Client and Server, and their support for various protocols. A "Quick download links" section contains two buttons: "Download FileZilla Client" and "Download FileZilla Server", both labeled "All platforms". The footer shows the system tray with icons for File Explorer, Task View, and other applications, along with the date and time: 07:50 p.m., 21/05/2025.



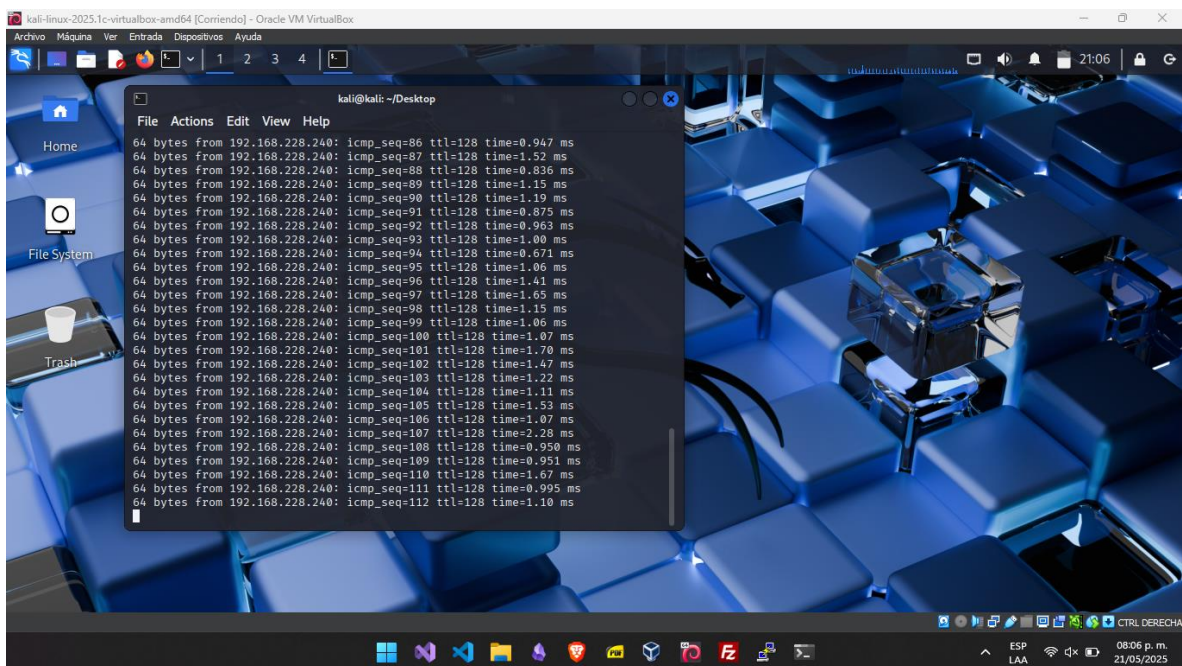
The screenshot shows a Kali Linux terminal window. The terminal output displays the results of the `ifconfig` command for the `eth0` and `lo` interfaces. The `eth0` interface is configured with the IP address 192.168.228.137 and a netmask of 255.255.255.0. The `lo` interface is configured with the IP address 127.0.0.1 and a netmask of 255.0.0.0. The terminal window is titled "kali@kali: ~/Desktop" and shows the command prompt `kali@kali:~/Desktop\$`.

```
kali@kali:~/Desktop$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 192.168.228.137  netmask 255.255.255.0  broadcast 192.168.228.255
    inet6 2803:1800:51cb:967f:c1c:5ad9:a60d:cc2a  prefixlen 64  scopeid 0
    x0<global>
    inet6 fe80::c659:6106:abb5:1292  prefixlen 64  scopeid 0x20<link>
    ether 08:00:27:b4:a1:05  txqueuelen 1000  (Ethernet)
    RX packets 30  bytes 2946 (2.8 KiB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 36  bytes 5795 (5.6 KiB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    inet6 ::1  prefixlen 128  scopeid 0x10<host>
    loop txqueuelen 1000  (Local Loopback)
    RX packets 8  bytes 480 (480.0 B)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 8  bytes 480 (480.0 B)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

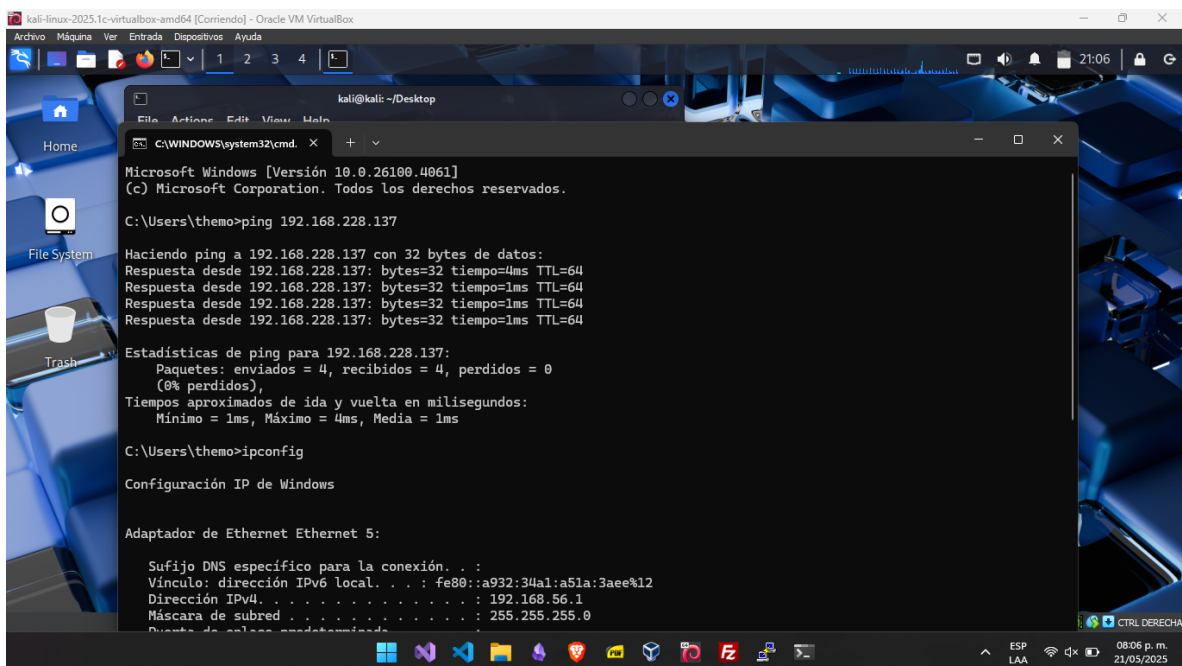
kali@kali:~/Desktop$
```

## Carlos Alberto Rasgo Solano



The screenshot shows a Kali Linux desktop environment. A terminal window is open, displaying a list of ICMP ping results. The results show 64 bytes from 192.168.228.240 to 192.168.228.240 with various TTL and time values. The desktop background is a blue keyboard with a glowing cube. The taskbar at the bottom shows various application icons and system status indicators.

```
kali@kali: ~/Desktop
File Actions Edit View Help
64 bytes from 192.168.228.240: icmp_seq=86 ttl=128 time=0.947 ms
64 bytes from 192.168.228.240: icmp_seq=87 ttl=128 time=1.52 ms
64 bytes from 192.168.228.240: icmp_seq=88 ttl=128 time=0.836 ms
64 bytes from 192.168.228.240: icmp_seq=89 ttl=128 time=1.15 ms
64 bytes from 192.168.228.240: icmp_seq=90 ttl=128 time=1.19 ms
64 bytes from 192.168.228.240: icmp_seq=91 ttl=128 time=0.875 ms
64 bytes from 192.168.228.240: icmp_seq=92 ttl=128 time=0.963 ms
64 bytes from 192.168.228.240: icmp_seq=93 ttl=128 time=1.00 ms
64 bytes from 192.168.228.240: icmp_seq=94 ttl=128 time=0.671 ms
64 bytes from 192.168.228.240: icmp_seq=95 ttl=128 time=1.06 ms
64 bytes from 192.168.228.240: icmp_seq=96 ttl=128 time=1.41 ms
64 bytes from 192.168.228.240: icmp_seq=97 ttl=128 time=1.65 ms
64 bytes from 192.168.228.240: icmp_seq=98 ttl=128 time=1.15 ms
64 bytes from 192.168.228.240: icmp_seq=99 ttl=128 time=1.06 ms
64 bytes from 192.168.228.240: icmp_seq=100 ttl=128 time=1.07 ms
64 bytes from 192.168.228.240: icmp_seq=101 ttl=128 time=1.70 ms
64 bytes from 192.168.228.240: icmp_seq=102 ttl=128 time=1.47 ms
64 bytes from 192.168.228.240: icmp_seq=103 ttl=128 time=1.22 ms
64 bytes from 192.168.228.240: icmp_seq=104 ttl=128 time=1.11 ms
64 bytes from 192.168.228.240: icmp_seq=105 ttl=128 time=1.53 ms
64 bytes from 192.168.228.240: icmp_seq=106 ttl=128 time=1.07 ms
64 bytes from 192.168.228.240: icmp_seq=107 ttl=128 time=2.28 ms
64 bytes from 192.168.228.240: icmp_seq=108 ttl=128 time=0.950 ms
64 bytes from 192.168.228.240: icmp_seq=109 ttl=128 time=0.951 ms
64 bytes from 192.168.228.240: icmp_seq=110 ttl=128 time=1.67 ms
64 bytes from 192.168.228.240: icmp_seq=111 ttl=128 time=0.995 ms
64 bytes from 192.168.228.240: icmp_seq=112 ttl=128 time=1.10 ms
```



The screenshot shows a Kali Linux desktop environment. A Windows command prompt window is open, displaying the results of a ping command and an ipconfig command. The ping command shows 4 successful responses from 192.168.228.137 with 32 bytes of data, 4ms time, and TTL=64. The ipconfig command shows the network configuration for the Ethernet adapter.

```
kali@kali: ~/Desktop
C:\WINDOWS\system32\cmd. X
Microsoft Windows [Versión 10.0.26100.4061]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\themo>ping 192.168.228.137

Haciendo ping a 192.168.228.137 con 32 bytes de datos:
Respuesta desde 192.168.228.137: bytes=32 tiempo=4ms TTL=64
Respuesta desde 192.168.228.137: bytes=32 tiempo=1ms TTL=64
Respuesta desde 192.168.228.137: bytes=32 tiempo=1ms TTL=64
Respuesta desde 192.168.228.137: bytes=32 tiempo=1ms TTL=64

Estadísticas de ping para 192.168.228.137:
    Paquetes: enviados = 4, recibidos = 4, perdidos = 0
        (0% perdidos),
    Tiempos aproximados de ida y vuelta en milisegundos:
        Mínimo = 1ms, Máximo = 4ms, Media = 1ms

C:\Users\themo>ipconfig

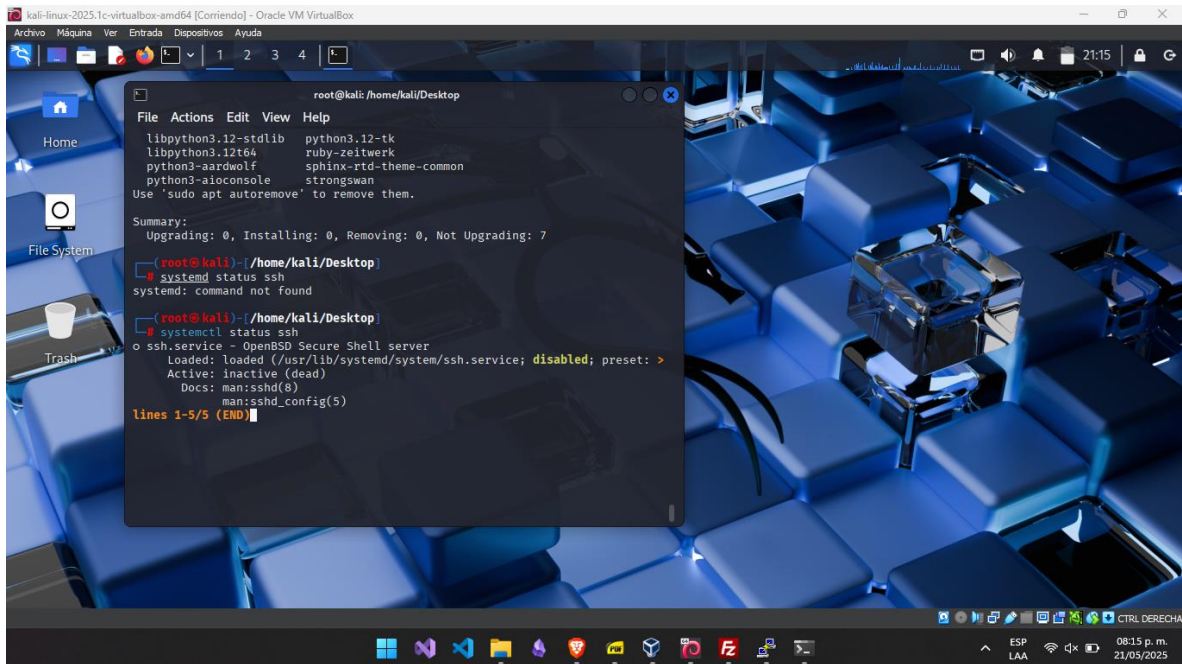
Configuración IP de Windows

Adaptador de Ethernet Ethernet 5:

    Sufijo DNS específico para la conexión. . . : fe80::a932:34a1:a51a:3aee%12
    Vínculo: dirección IPv6 local. . . : fe80::a932:34a1:a51a:3aee%12
    Dirección IPv4. . . . . : 192.168.56.1
    Máscara de subred. . . . . : 255.255.255.0
    Puerta de enlace predeterminada. . . . . : 192.168.56.1
```



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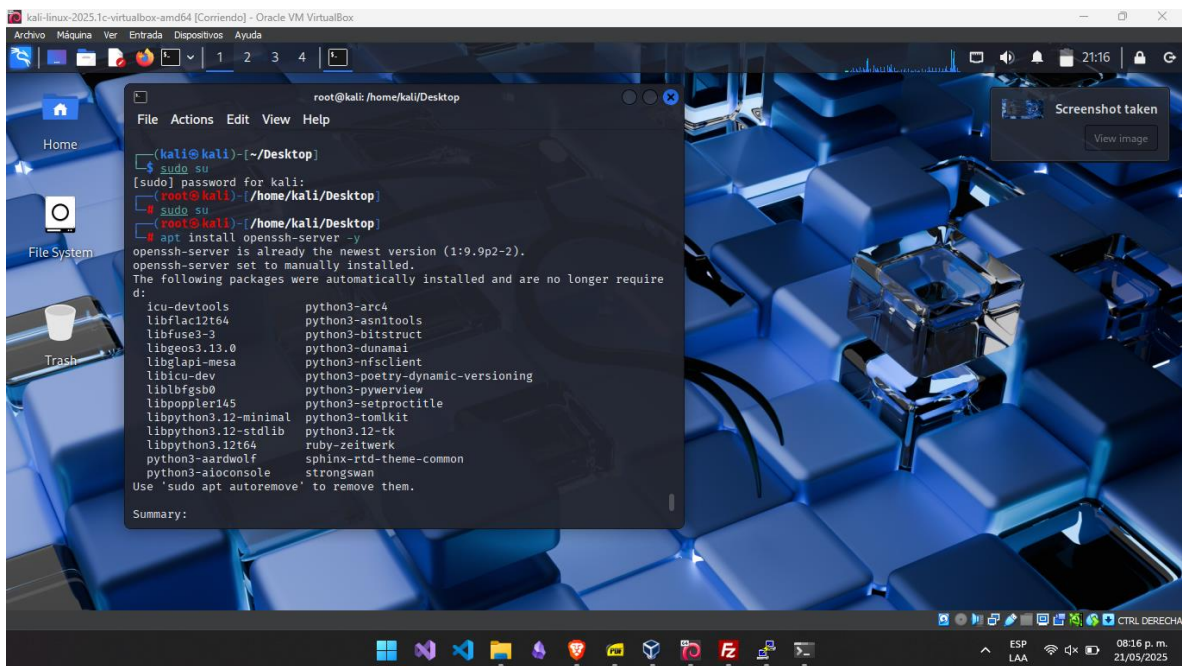


```
root@kali: /home/kali/Desktop
File Actions Edit View Help
libpython3.12-stdlib python3.12-tk
libpython3.12t64 ruby-zeitwerk
python3-aardwolf sphinx-rtd-theme-common
python3-aioconsole strongswan
Use 'sudo apt autoremove' to remove them.

Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 7

root@kali: /home/kali/Desktop
# systemd status ssh
systemd: command not found

root@kali: /home/kali/Desktop
# systemctl status ssh
o ssh.service - OpenSSH Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: >
   Active: inactive (dead)
   Docs: man:sshd(8)
        man:sshd_config(5)
lines 1-5/5 (END)
```

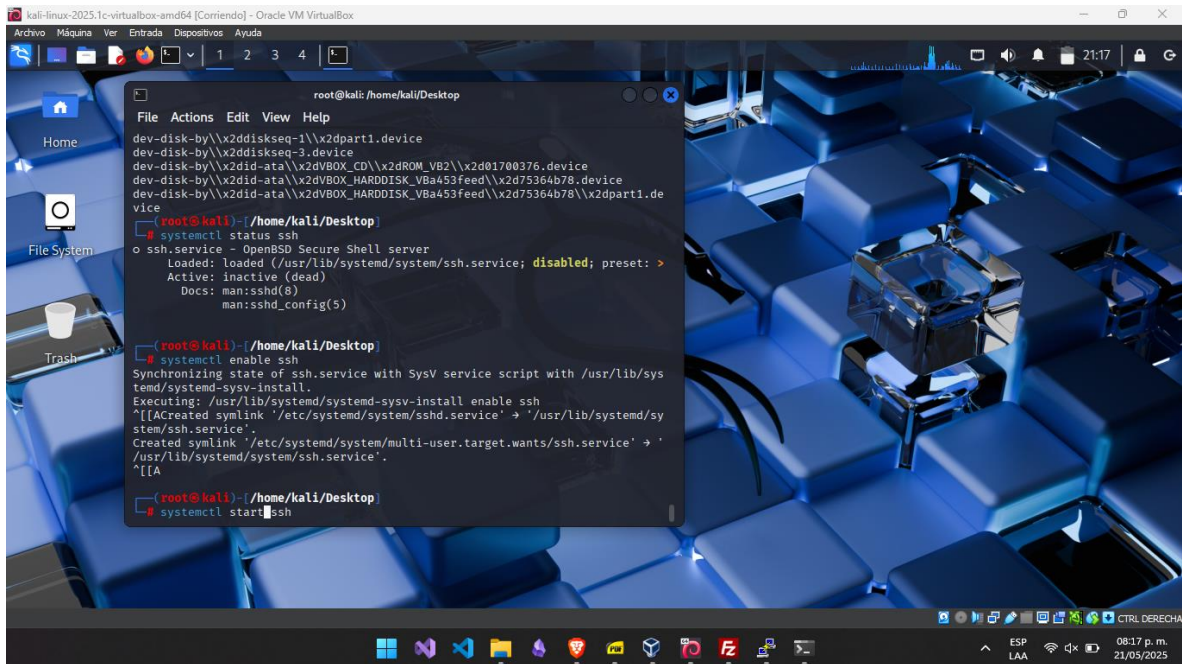


```
root@kali: /home/kali/Desktop
File Actions Edit View Help

(kali@kali) [~/Desktop]
# sudo su
[sudo] password for kali:
(kali@kali) [~/Desktop]
# sudo apt install openssh-server -y
openssh-server is already the newest version (1:9.9p2-2).
openssh-server set to manually installed.
The following packages were automatically installed and are no longer require
d:
icu-devtools python3-arc4
libflac12t64 python3-asn1tools
libfuse3-3 python3-bitstruct
libgeos3.13.0 python3-dunamai
liblapack-mesa python3-miscclient
libicu-dev python3-poetry-dynamic-versioning
liblbfgsb0 python3-pyverview
libpoppler145 python3-setproctitle
libpython3.12-minimal python3-tomlkit
libpython3.12-stdlib python3.12-tk
libpython3.12t64 ruby-zeitwerk
python3-aardwolf sphinx-rtd-theme-common
python3-aioconsole strongswan
Use 'sudo apt autoremove' to remove them.

Summary:
```

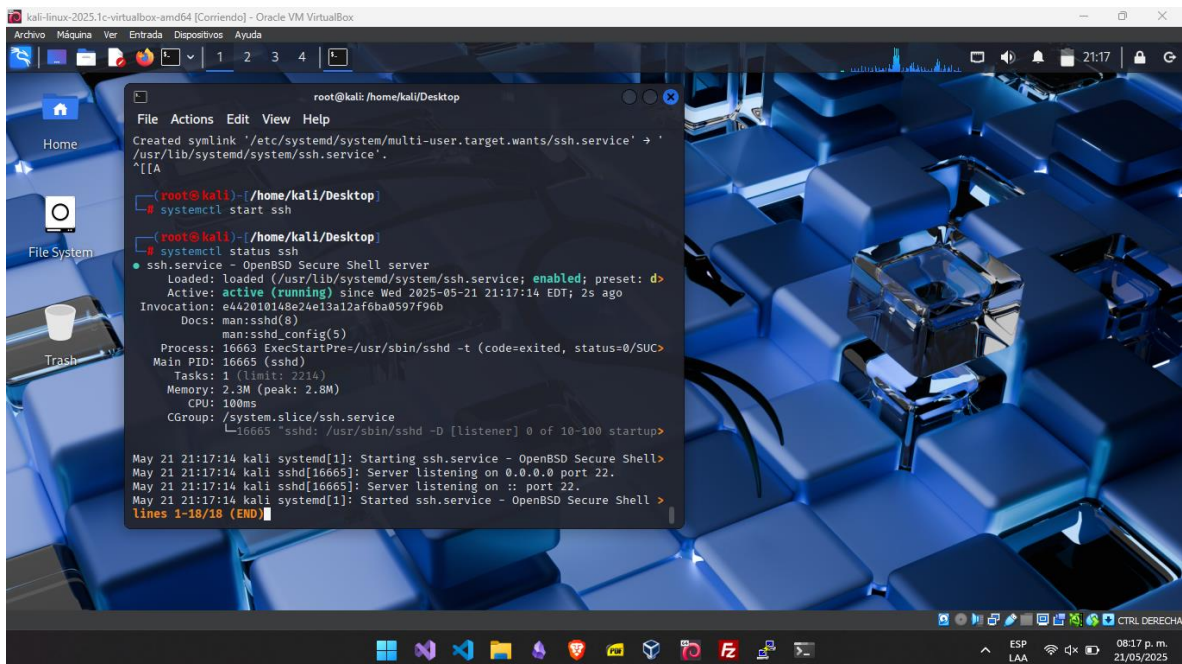
## Carlos Alberto Rasgo Solano



```
root@kali: /home/kali/Desktop
File Actions Edit View Help
dev-disk-by\x2ddiskseq-1\x2dpart1.device
dev-disk-by\x2ddiskseq-3.device
dev-disk-by\x2ddid-ata\x2dvBOX_CD\x2dROM_VB2\x2d01700376.device
dev-disk-by\x2ddid-ata\x2dvBOX_HARDDISK_VBa453feed\x2d75364b78.device
dev-disk-by\x2ddid-ata\x2dvBOX_HARDDISK_VBa453feed\x2d75364b78\x2dpart1.de
vice
root@kali)~# systemctl status ssh
o ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: >
   Active: inactive (dead)
   Docs: man:sshd(8)
         man:sshd_config(5)

root@kali)~# systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /usr/lib/sys
temd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable ssh
[[ACreated symlink '/etc/systemd/system/ssh.service' + '/usr/lib/systemd/sy
stem/ssh.service'.
Created symlink '/etc/systemd/system/multi-user.target.wants/ssh.service' +
'/usr/lib/systemd/system/ssh.service'.
^[[A

root@kali)~# systemctl start ssh
```



```
Created symlink '/etc/systemd/system/multi-user.target.wants/ssh.service' +
'/usr/lib/systemd/system/ssh.service'.
^[[A

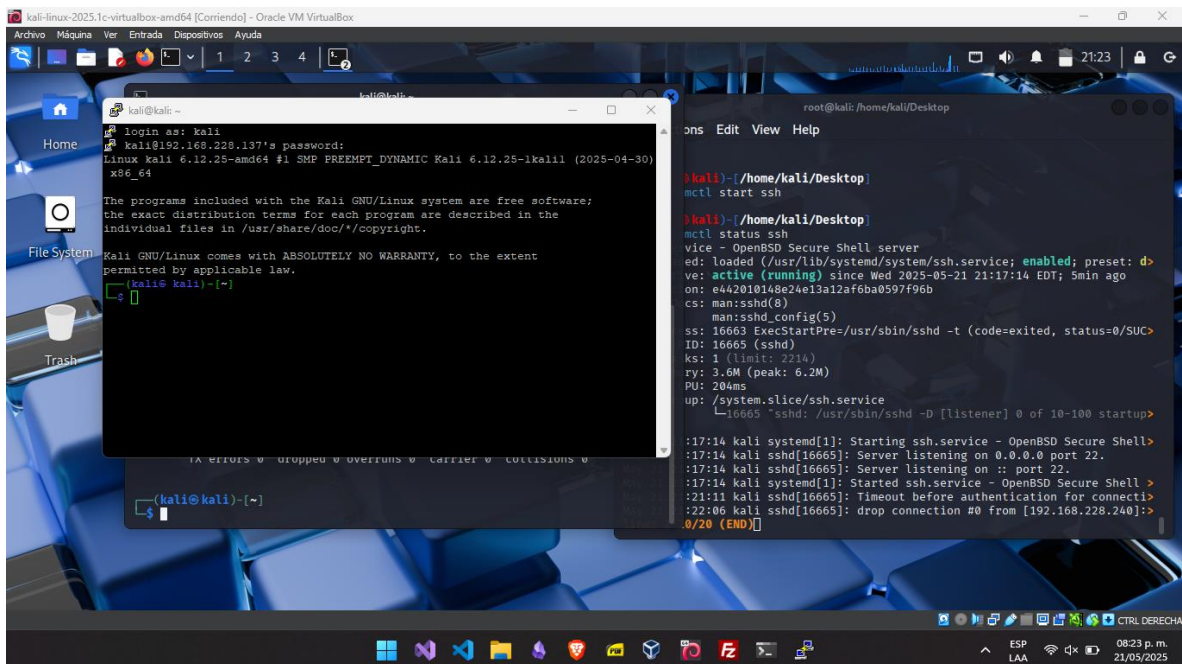
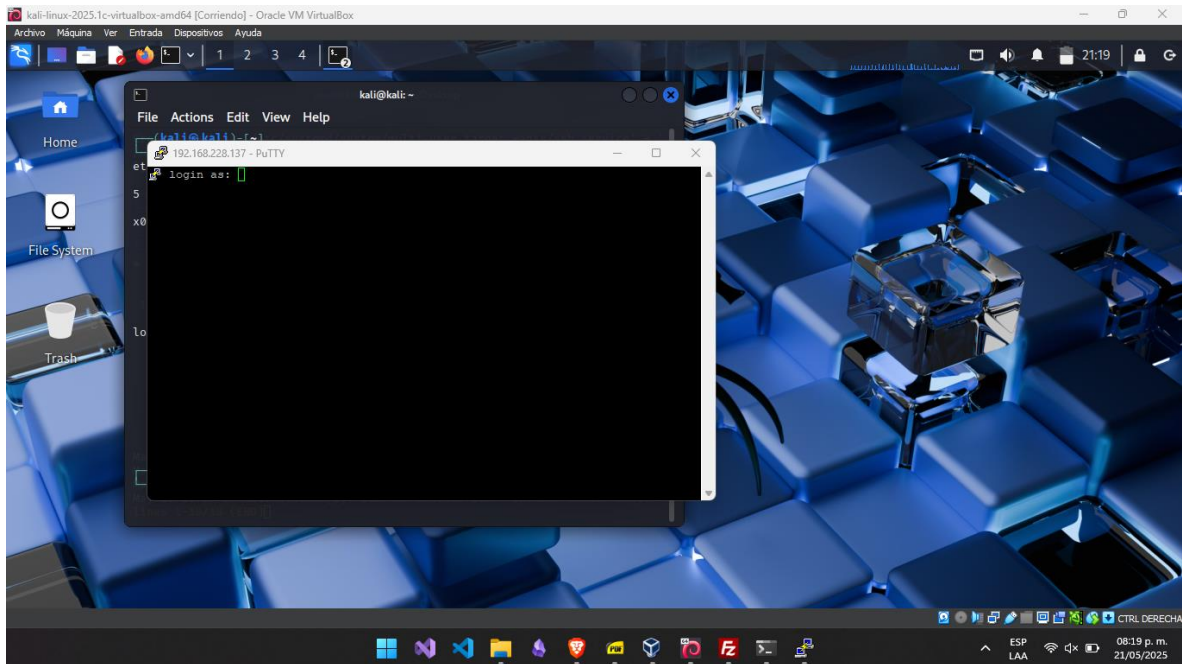
root@kali)~# systemctl start ssh

root@kali)~# systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: d>
   Active: active (running) since Wed 2025-05-21 21:17:14 EDT; 2s ago
   Invocation: e442010148e24e13a12af6ba0597f96b
   Docs: man:sshd(8)
         man:sshd_config(5)
   Process: 16663 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUC>
   Main PID: 16665 (sshd)
     Tasks: 1 (limit: 2214)
    Memory: 2.3M (peak: 2.8M)
       CPU: 100ms
   CGroup: /system.slice/ssh.service
           └─16665 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startup>

May 21 21:17:14 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell>
May 21 21:17:14 kali sshd[16665]: Server listening on 0.0.0.0 port 22.
May 21 21:17:14 kali sshd[16665]: Server listening on :: port 22.
May 21 21:17:14 kali systemd[1]: Started ssh.service - OpenBSD Secure Shell >
lines 1-10/18 (END)
```



## Carlos Alberto Rasgo Solano



## Carlos Alberto Rasgo Solano

The screenshot displays a Kali Linux virtual machine environment. The desktop background is a blue-themed image of a keyboard. On the left, there are icons for 'Home', 'File System', and 'Trash'. The top menu bar includes 'Archivo', 'Máquina', 'Ver', 'Entrada', 'Dispositivos', and 'Ayuda'. Two terminal windows are open. The left terminal window shows a login session for 'kali' at IP '192.168.228.137', followed by a directory listing of the Desktop folder. The right terminal window shows the SSH service being started and its status checked, indicating it is active and running.

```
kali@kali: ~/Desktop
login as: kali
kali@192.168.228.137's password:
Linux kali 6.12.25-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.25-1kali1 (2025-04-30)
x86_64

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

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
kali@kali:~/Desktop
$ cd Desktop
kali@kali:~/Desktop
$ ls
kali@kali:~/Desktop
$ dir
kali@kali:~/Desktop
$
```

```
root@kali: /home/kali/Desktop
kali-[/home/kali/Desktop]
mctl start ssh
kali-[/home/kali/Desktop]
mctl status ssh
vice - OpenBSD Secure Shell server
ed: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: d>
ve: active (running) since Wed 2025-05-21 21:17:14 EDT; 5min ago
on: e442010148e24e13a12af6ba0597f96b
cs: man:sshd(8)
man:sshd_config(5)
ss: 16665 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUC>
ID: 16665 (sshd)
ks: 1 (limit: 2214)
ry: 3.6M (peak: 6.2M)
PU: 204ms
up: /system.slice/ssh.service
16665 *sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startup>
:17:14 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell>
:17:14 kali sshd[16665]: Server listening on 0.0.0.0 port 22.
:17:14 kali sshd[16665]: Server listening on :: port 22.
:17:14 kali systemd[1]: Started ssh.service - OpenBSD Secure Shell >
:21:11 kali sshd[16665]: Timeout before authentication for connecti>
:22:06 kali sshd[16665]: drop connection #0 from [192.168.228.240]:>
0/20 (END)
```