

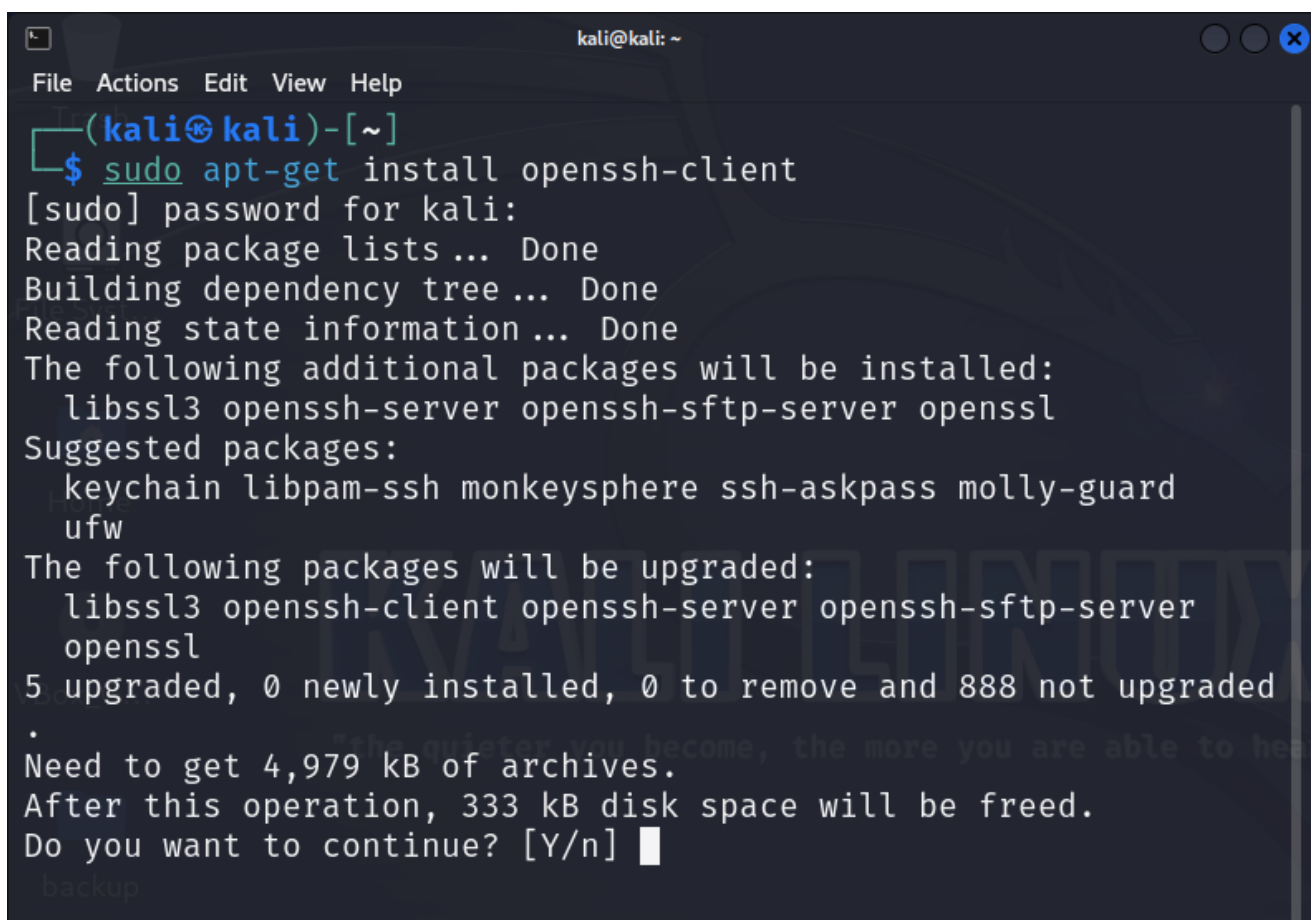
# RESOLUCIÓN

El backup se hizo de Kali Linux(Cliente) a Windows(Servidor)

## POR COMANDOS SIN EL SCRIPT

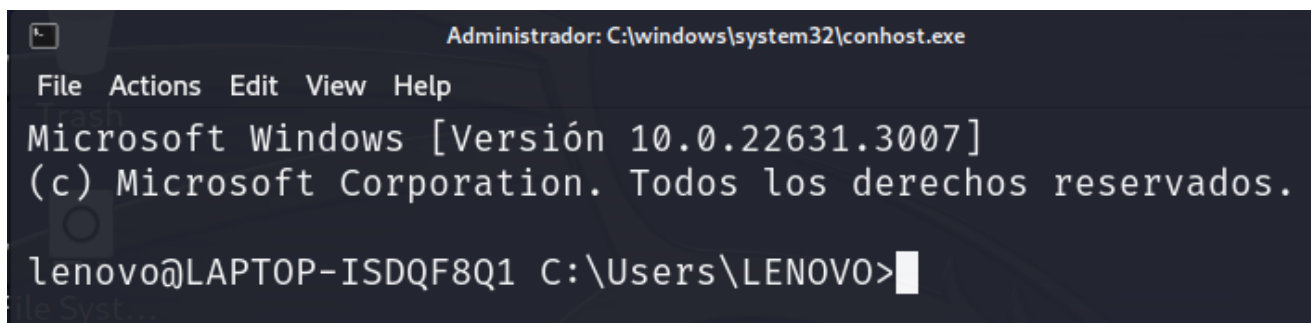
**Conectando ambas máquinas:**

Primero instalaremos un programa que nos permita conectarnos de manera remota con un servidor externo. El comando a usar es: **install openssh-client**

A terminal window titled 'kali@kali: ~' with a menu bar (File, Actions, Edit, View, Help). The prompt is '(kali@kali)-[~]'. The user enters '\$ sudo apt-get install openssh-client'. The terminal shows the password prompt, progress bars for reading package lists, building dependency tree, and reading state information. It lists additional packages to be installed (libssl3, openssh-server, openssh-sftp-server, openssl) and suggested packages (keychain, libpam-ssh, monkeysphere, ssh-askpass, molly-guard, ufw). It also lists packages to be upgraded (libssl3, openssh-client, openssh-server, openssh-sftp-server, openssl). The summary shows 5 upgraded, 0 newly installed, 0 to remove, and 888 not upgraded. It states the need for 4,979 kB of archives and that 333 kB of disk space will be freed. The prompt 'Do you want to continue? [Y/n]' is shown with a cursor. A faint 'backup' watermark is visible at the bottom left.

```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
$ sudo apt-get install openssh-client  
[sudo] password for kali:  
Reading package lists ... Done  
Building dependency tree ... Done  
Reading state information ... Done  
The following additional packages will be installed:  
  libssl3 openssh-server openssh-sftp-server openssl  
Suggested packages:  
  keychain libpam-ssh monkeysphere ssh-askpass molly-guard  
  ufw  
The following packages will be upgraded:  
  libssl3 openssh-client openssh-server openssh-sftp-server  
  openssl  
5 upgraded, 0 newly installed, 0 to remove and 888 not upgraded  
.  
Need to get 4,979 kB of archives.  
After this operation, 333 kB disk space will be freed.  
Do you want to continue? [Y/n]
```

Ejecutamos **ssh usuarioservidor@ipusuario** para vincularnos remotamente al servidor de Windows

A terminal window titled 'Administrador: C:\windows\system32\conhost.exe' with a menu bar (File, Actions, Edit, View, Help). The text shows 'Microsoft Windows [Versión 10.0.22631.3007]' and '(c) Microsoft Corporation. Todos los derechos reservados.' The prompt is 'lenovo@LAPTOP-ISDQF8Q1 C:\Users\LENOVO>'. A faint 'file Syst...' watermark is visible at the bottom left.

```
Administrador: C:\windows\system32\conhost.exe  
File Actions Edit View Help  
Microsoft Windows [Versión 10.0.22631.3007]  
(c) Microsoft Corporation. Todos los derechos reservados.  
lenovo@LAPTOP-ISDQF8Q1 C:\Users\LENOVO>
```

**Previamente** hacemos el backup con **tar -czvf** La carpeta se llamará **respaldo.tar**

```
kali@kali: ~  
File Actions Edit View Help  
Trash  
(kali@kali)-[~]  
$ tar -czvf respaldo.tar *  
Desktop/  
Documents/  
Downloads/  
home/  
home/kali/  
home/kali/backup/  
home/kali/backup/Backup-Utility-main/  
home/kali/backup/Backup-Utility-main/backup-utility.sh  
home/kali/backup/Backup-Utility-main/README.md  
Music/  
Pictures/  
Public/  
Templates/  
Videos/
```

```
(kali@kali)-[~]  
$ dir  
Desktop      Downloads    Music        Public        Templates  
Documents    home         Pictures     respaldo.tar  Videos
```

Luego transferimos la carpeta **respaldo.tar** al servidor remoto con **scp respaldo.tar usuario remoto@ip:/ruta**

```
(kali@kali)-[~]  
$ scp -r respaldo.tar LENOVO@192.168.43.170:\Desktop\  
LENOVO@192.168.43.170's password:  
respaldo.tar 100% 1558 595.5KB/s 00:00
```

Ejecutamos **ssh** para conectarnos al servidor remoto

```
(kali@kali)-[~]  
$ ssh LENOVO@192.168.43.170  
LENOVO@192.168.43.170's password: █
```

Una vez dentro del servidor remoto, verificamos que la carpeta del backup fue transferida.

```
lenovo@LAPTOP-ISDQF8Q1 C:\Users\LENOVO>dir Desktop
El volumen de la unidad C es Windows-SSD
El número de serie del volumen es: 2C13-213E
```

File Syst...

Directorio de C:\Users\LENOVO\Desktop

19/01/2024	14:46	<DIR>	.
19/01/2024	13:58	<DIR>	..
05/01/2024	11:57	<DIR>	Pictures
05/01/2024	11:57	<DIR>	Public
19/01/2024	14:28		1,558 respaldo.tar

También podemos observar la carpeta **respaldo.tar** desde PowerShell de Windows

```
PS C:\Users\LENOVO\Desktop> dir respaldo.tar
```

Directorio: C:\Users\LENOVO\Desktop

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	19/01/2024 14:28	1558	respaldo.tar

```
PS C:\Users\LENOVO\Desktop>
```

Finalmente al descomprimir la carpeta **respaldo.tar** se observa lo que contiene

```
PS C:\Users\LENOVO\Desktop> tar -xzvf .\respaldo.tar
x Desktop/
x Documents/
x Downloads/
x home/
x home/kali/
x home/kali/backup/
x home/kali/backup/Backup-Utility-main/
x home/kali/backup/Backup-Utility-main/backup-utility.sh
x home/kali/backup/Backup-Utility-main/README.md
x Music/
x Pictures/
x Public/
x Templates/
x Videos/
```