

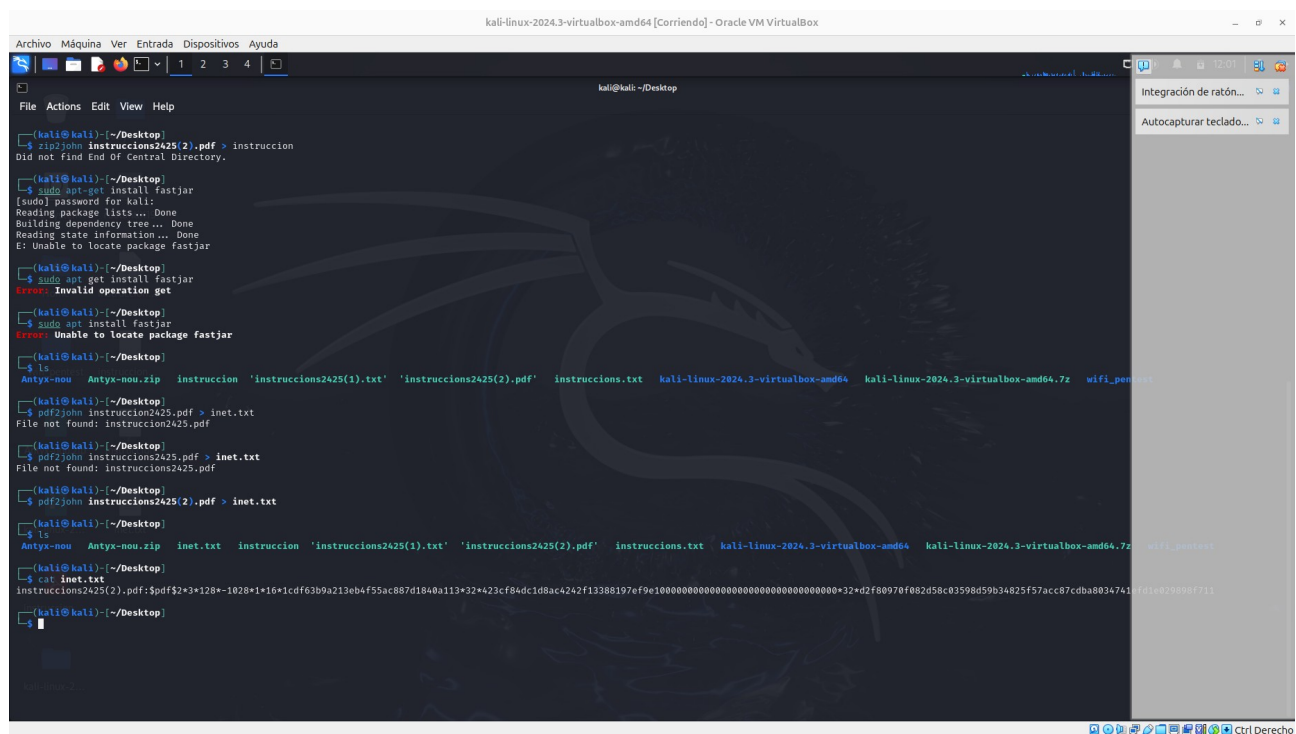
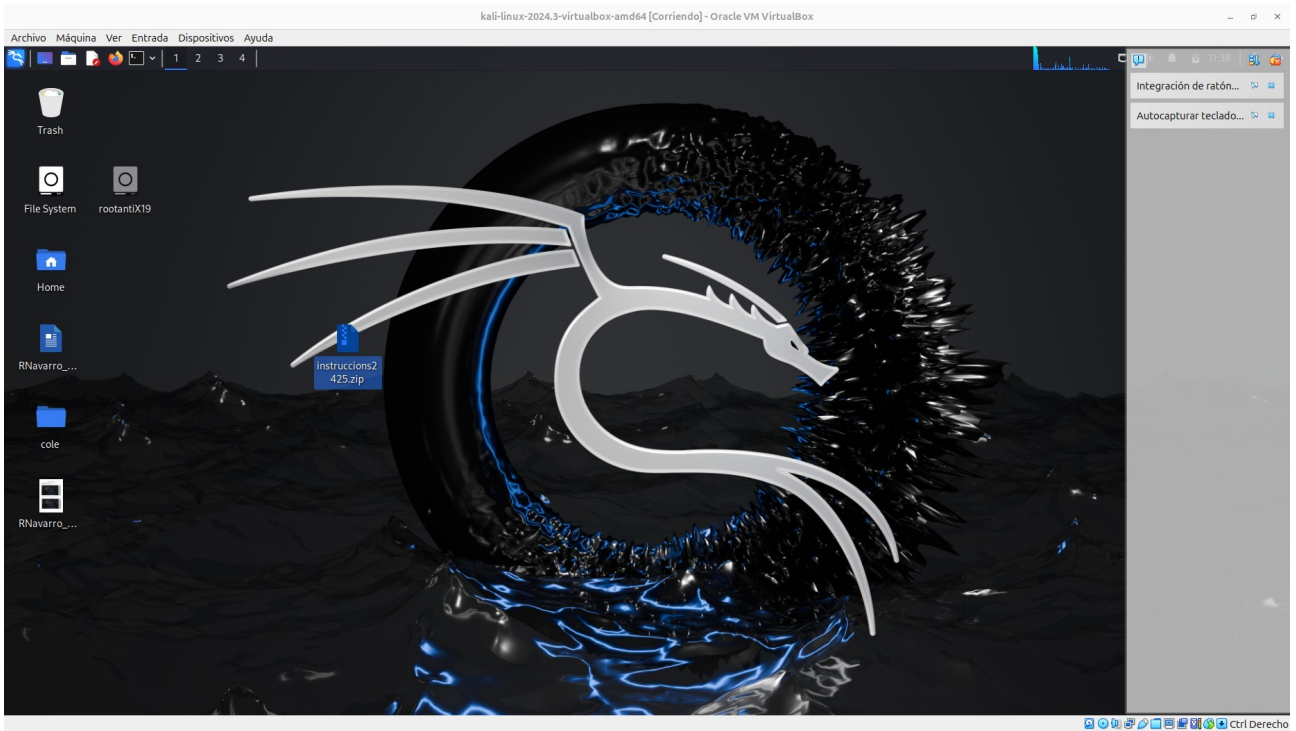
Examen John M06

Per veure quin tipus d'arxiu es tracta anem al directori on tenim l'arxiu..

cd Escritorio

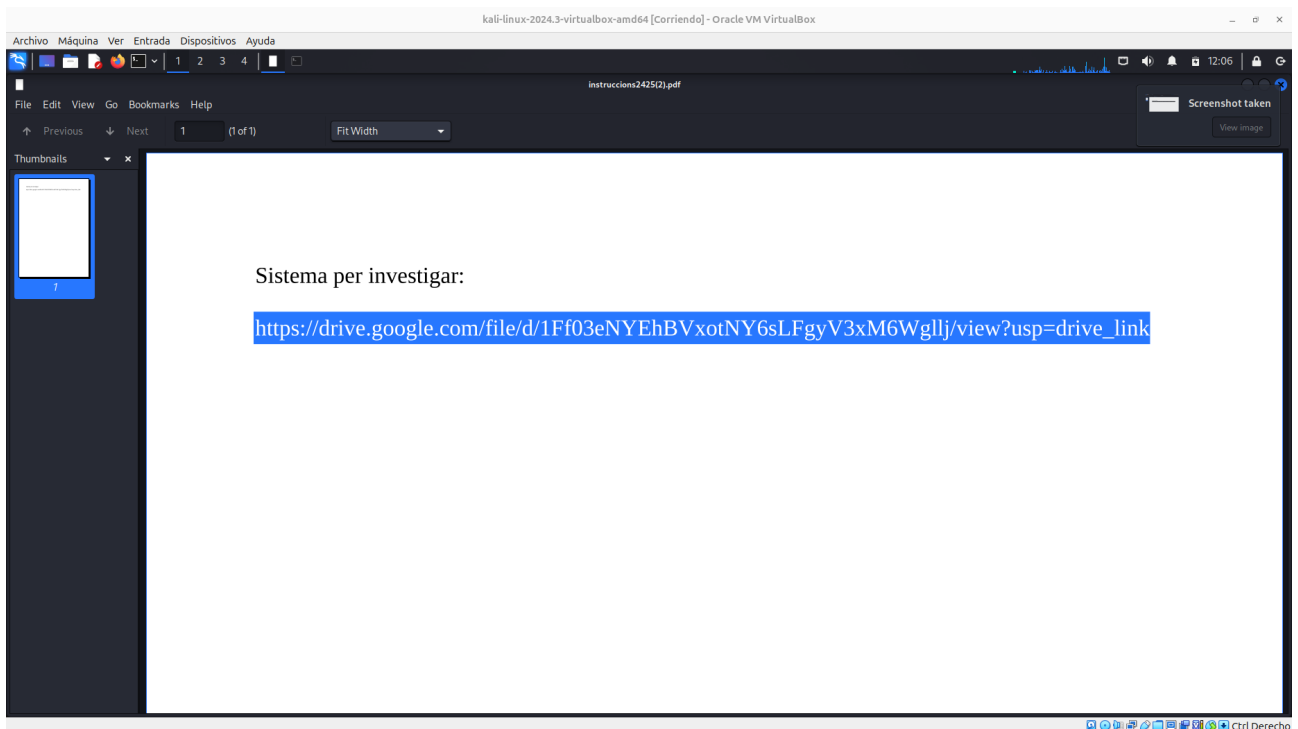
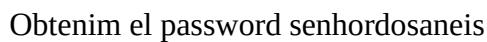
Executem terminal i fem file instruccions2425.txt i ens diu que es un pdf en un zip.

Per tant amb la carpeta compartida la pasem a kali i canbiem la extensió a.pdf



Amb `pdf2john instruccions2425.pdf > inet.txt` crearem un arxiu txt per extraure el hash.

Executem la comanda amb hashcat

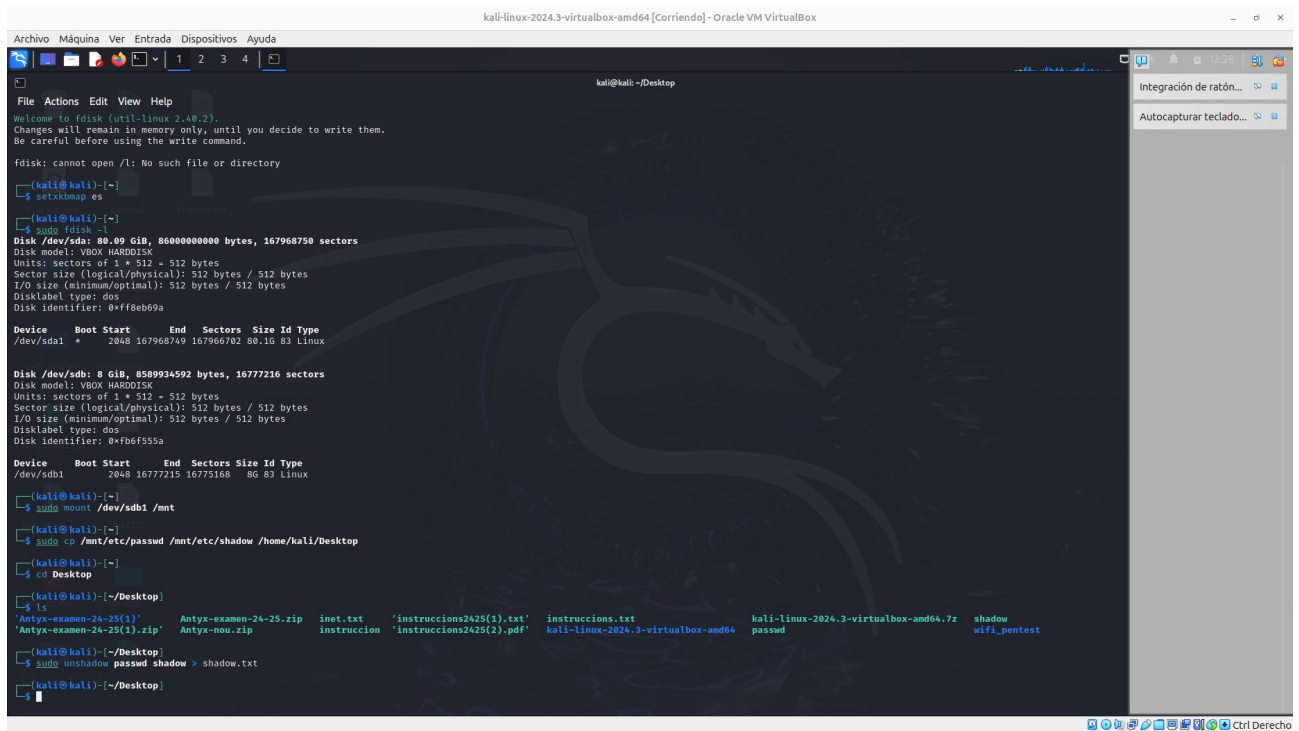


Anirem a la pàgina en qüestió i descarregarem l'arxiu.

Muntem el disc dur a SATA al Vbox

Muntem el vdi amb la comanda mount

copiem passwd i shadow del disc vdi a l'escriptori



```
Archivo Máquina Ver Entrada Dispositivos Ayuda
File Actions Edit View Help
Welcome to fdisk (util-linux 2.40.2).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

fdisk: cannot open /l: No such file or directory

kali@kali:~$ sudo fdisk -l
Disk /dev/sda: 80.09 GiB, 86000000000 bytes, 167968750 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xff8eb69a

Device Boot Start End Sectors Size Id Type
/dev/sda1 * 2048 167968749 167966702 80.1G 83 Linux

Disk /dev/sdb: 8 GiB, 8589934592 bytes, 16777216 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xfb6f555a

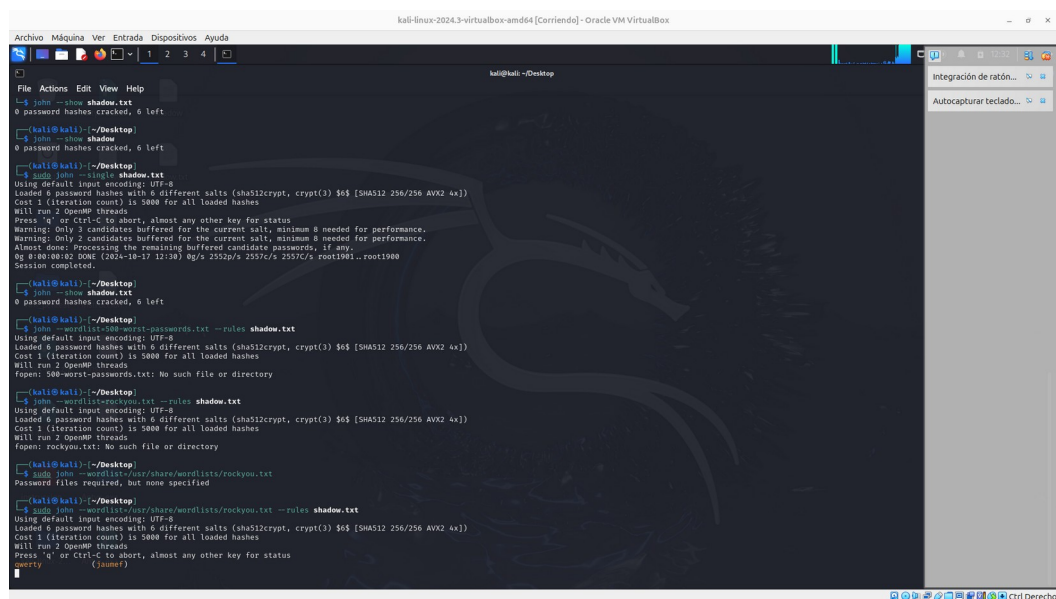
Device Boot Start End Sectors Size Id Type
/dev/sdb1 2048 16777215 16775168 8G 83 Linux

kali@kali:~$ sudo mount /dev/sdb1 /mnt
kali@kali:~$ sudo cp /mnt/etc/passwd /mnt/etc/shadow /home/kali/Desktop
kali@kali:~$ cd Desktop
kali@kali:~/Desktop$ ls
Antyx-examen-24-25(1) Antyx-examen-24-25.zip inet.txt 'instruccions2425(1).txt' instruccions.txt kali-linux-2024.3-virtualbox-amd64 shadow
'Antyx-examen-24-25(1).zip' Antyx-nou.zip instruccio 'instruccions2425(2).pdf' kali-linux-2024.3-virtualbox-amd64 passwd wifi_pentest

kali@kali:~/Desktop$ sudo unshadow passwd shadow > shadow.txt
kali@kali:~/Desktop$
```

Fem un unshadow a un shadow.txt

Executem la comanda sudo john -wordlist=/usr/share/wordlists/rockyou.txt -rules shadow.txt



```
Archivo Máquina Ver Entrada Dispositivos Ayuda
File Actions Edit View Help
kali@kali:~/Desktop$ sudo john --show shadow.txt
0 password hashes cracked, 6 left

kali@kali:~/Desktop$ john --show shadow
0 password hashes cracked, 6 left

kali@kali:~/Desktop$ sudo john --single shadow.txt
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (sha512crypt, crypt(3) $6$ [SHA512 256/256 AVX2 4x])
Cost 1 (iteration count) is 5800 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
Warning: Only 3 candidates buffered for the current salt, minimum 8 needed for performance.
Warning: Only 2 candidates buffered for the current salt, minimum 8 needed for performance.
Almost done. Processing the remaining buffered candidate passwords, if any.
eg 8:80:8082:8082 (2024-10-17 12:38) 0g/s 2552p/s 2557c/s 2557C/s root1901..root1900
Session completed.

kali@kali:~/Desktop$ john --show shadow.txt
0 password hashes cracked, 6 left

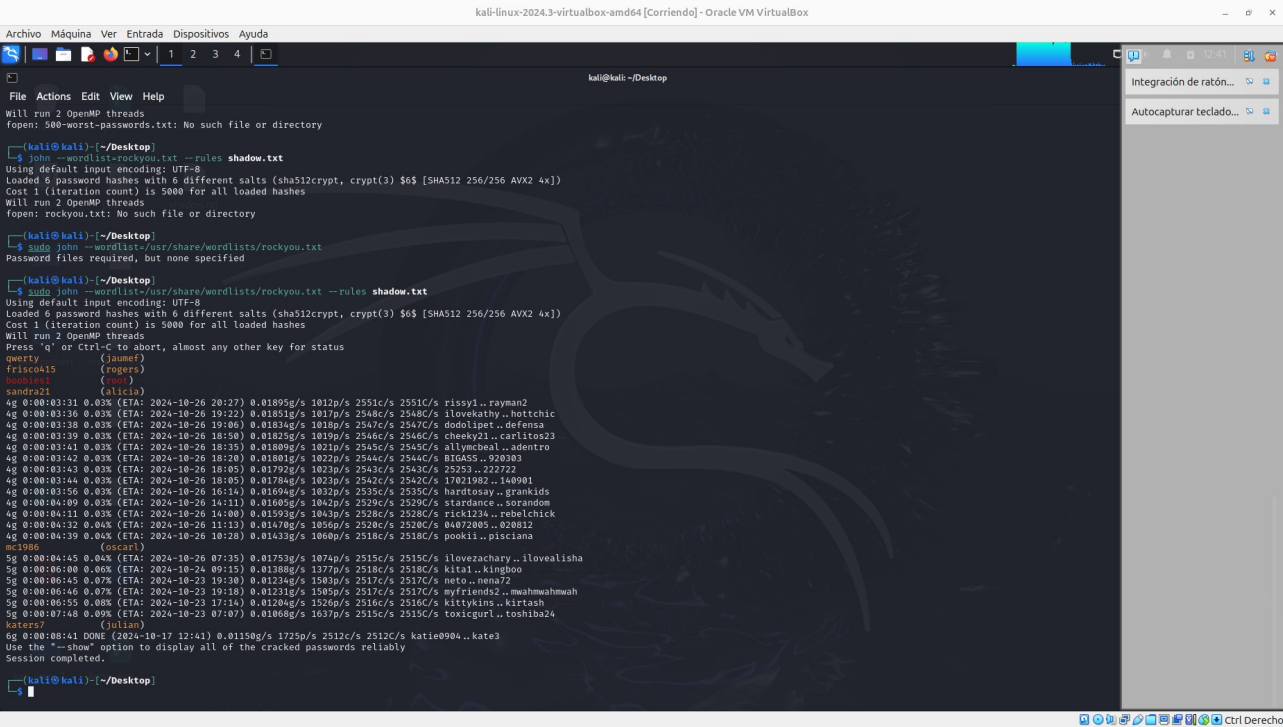
kali@kali:~/Desktop$ john --wordlist=/usr/share/wordlists/passwords.txt --rules shadow.txt
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (sha512crypt, crypt(3) $6$ [SHA512 256/256 AVX2 4x])
Cost 1 (iteration count) is 5800 for all loaded hashes
Will run 2 OpenMP threads
Fopen: /usr/share/wordlists/passwords.txt: No such file or directory

kali@kali:~/Desktop$ john --wordlist=rockyou.txt --rules shadow.txt
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (sha512crypt, crypt(3) $6$ [SHA512 256/256 AVX2 4x])
Cost 1 (iteration count) is 5800 for all loaded hashes
Will run 2 OpenMP threads
Fopen: rockyou.txt: No such file or directory

kali@kali:~/Desktop$ sudo john --wordlist=/usr/share/wordlists/rockyou.txt
Password files required, but none specified

kali@kali:~/Desktop$ sudo john --wordlist=/usr/share/wordlists/rockyou.txt --rules shadow.txt
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (sha512crypt, crypt(3) $6$ [SHA512 256/256 AVX2 4x])
Cost 1 (iteration count) is 5800 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
(same)
```

Esperarem per poder descifrar totes les dades...



Ja tenim els usuaris i les contrasenyes