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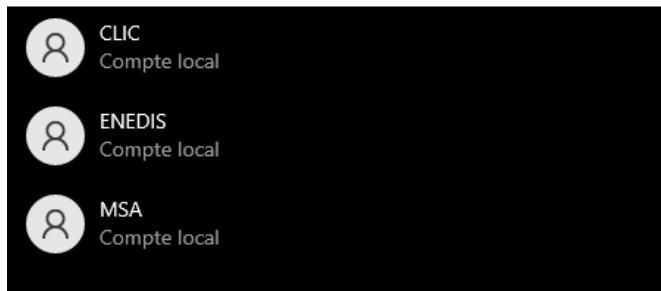
Beauvallet

Groupe 1

## **Bloc 3 CH 4 TH 3 TD 1**

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# Exercice 1



**Vérifier les applications et les fichiers**

Microsoft Defender SmartScreen aide à protéger votre appareil en recherchant les applications et les fichiers non reconnus provenant du web.

⚠ La fonctionnalité Vérifier les applications et les fichiers est [Ignorer](#) désactivée, ce qui rend votre appareil vulnérable.

Désactivé

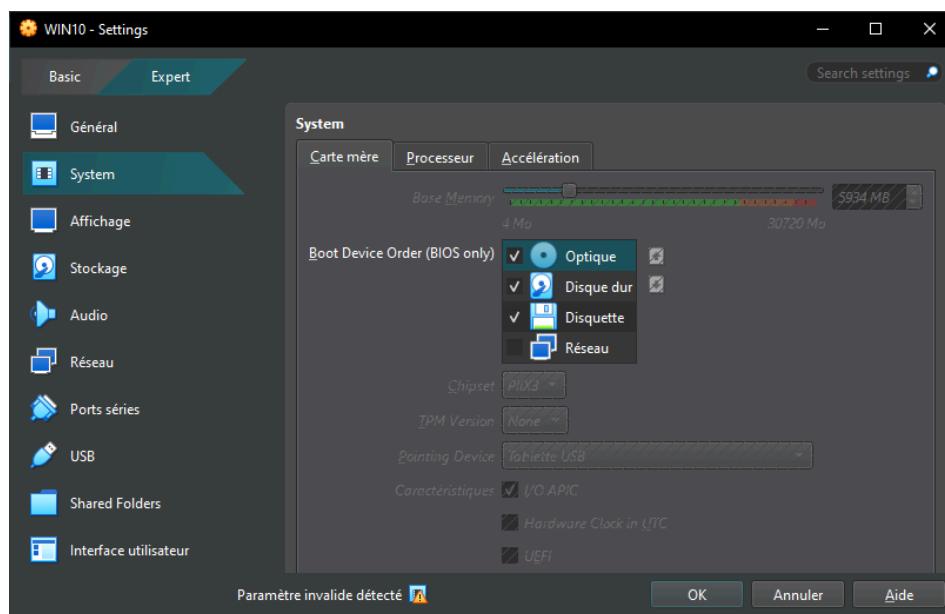
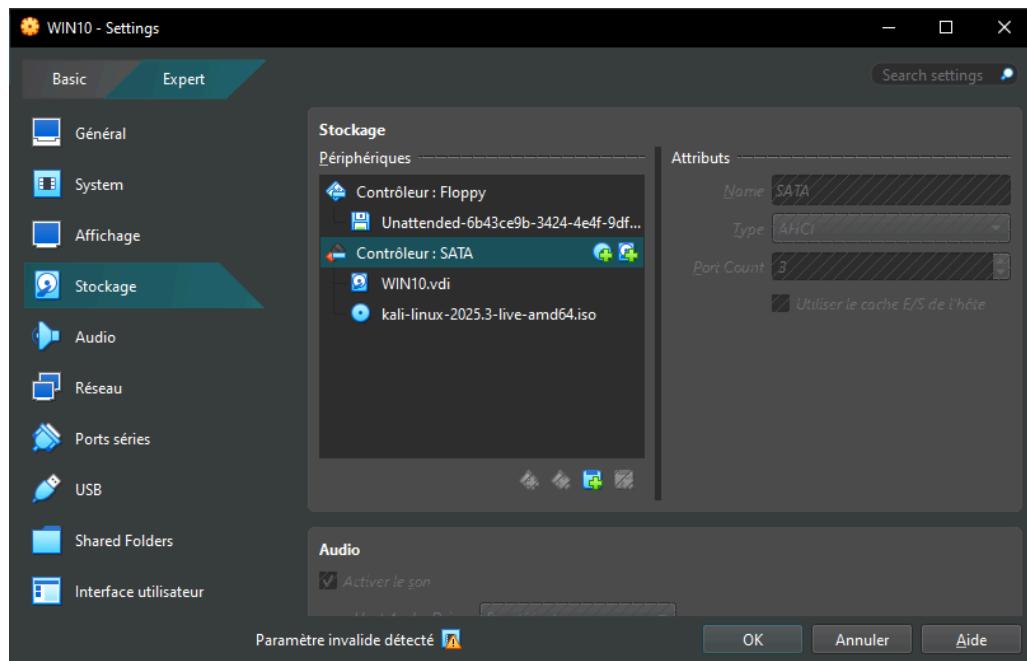
**SmartScreen pour Microsoft Edge**

Microsoft Defender SmartScreen aide à protéger votre appareil contre les sites et téléchargements malveillants.

⚠ SmartScreen pour Microsoft Edge est désactivé, ce qui rend [Ignorer](#) votre appareil vulnérable.

Désactivé

```
CLIC:1004:NO_PASSWORD*****:BE72C4C01C622CC10F7B0F70A9C2DFE8:::  
ENEDIS:1002:NO_PASSWORD*****:528BC44DB20DF13A5B8DE27A8407DE9F:::  
MSA:1003:NO_PASSWORD*****:1F2AECC00E935B615D54AE139CE161BA:::
```





```
kali@kali: ~
Session Actions Edit View Help
└─(kali㉿kali)-[~]
  $ setxkbmap fr
└─(kali㉿kali)-[~]
  $ azerty
```

A screenshot of the ophcrack application window. The title bar says "ophcrack". The interface has a dark theme with various buttons and tabs. At the top, there are buttons for "Load", "Delete", "Save", "Tables", "Crack", "Help", and "Exit". Below that is a "Progress" tab. The main area shows a table with columns: User, LM Hash, NT Hash, LM Pwd 1, LM Pwd 2, and NT Pwd. There are three entries in the table:

User	LM Hash	NT Hash	LM Pwd 1	LM Pwd 2	NT Pwd
CLIC	BE72C4C01...				
ENEDIS	528BC44D...				
MSA		1F2AECC00...			

At the bottom of the window, there are tabs for "Table", "Status", "Preload", and "Progress". The "Preload" tab is selected, showing the status "waiting". Other tabs show "Brute force: waiting", "Pwd found: 0/0", and "Time elapsed: 0h 0m 0s".

## Exercice 2

```
Kali㉿kali: ~

Session Actions Edit View Help

Using default input encoding: UTF-8
Loaded 3 password hashes with no different salts (NT [MD4 256/256 AVX2 8x3])
Warning: no OpenMP support for this hash type, consider --fork=3
Press 'q' or Ctrl-C to abort, almost any other key for status
qwertyui      (ENEDIS)
asdfghjk     (MSA)
zxcvbnm,     (CLIC)
3g 0:00:00:00 DONE (2025-12-14 15:22) 300.0g/s 1017Kp/s 1017Kc/s 1766KC/s san
dara..stoner420
Use the "--show --format=NT" options to display all of the cracked passwords
reliably
Session completed.

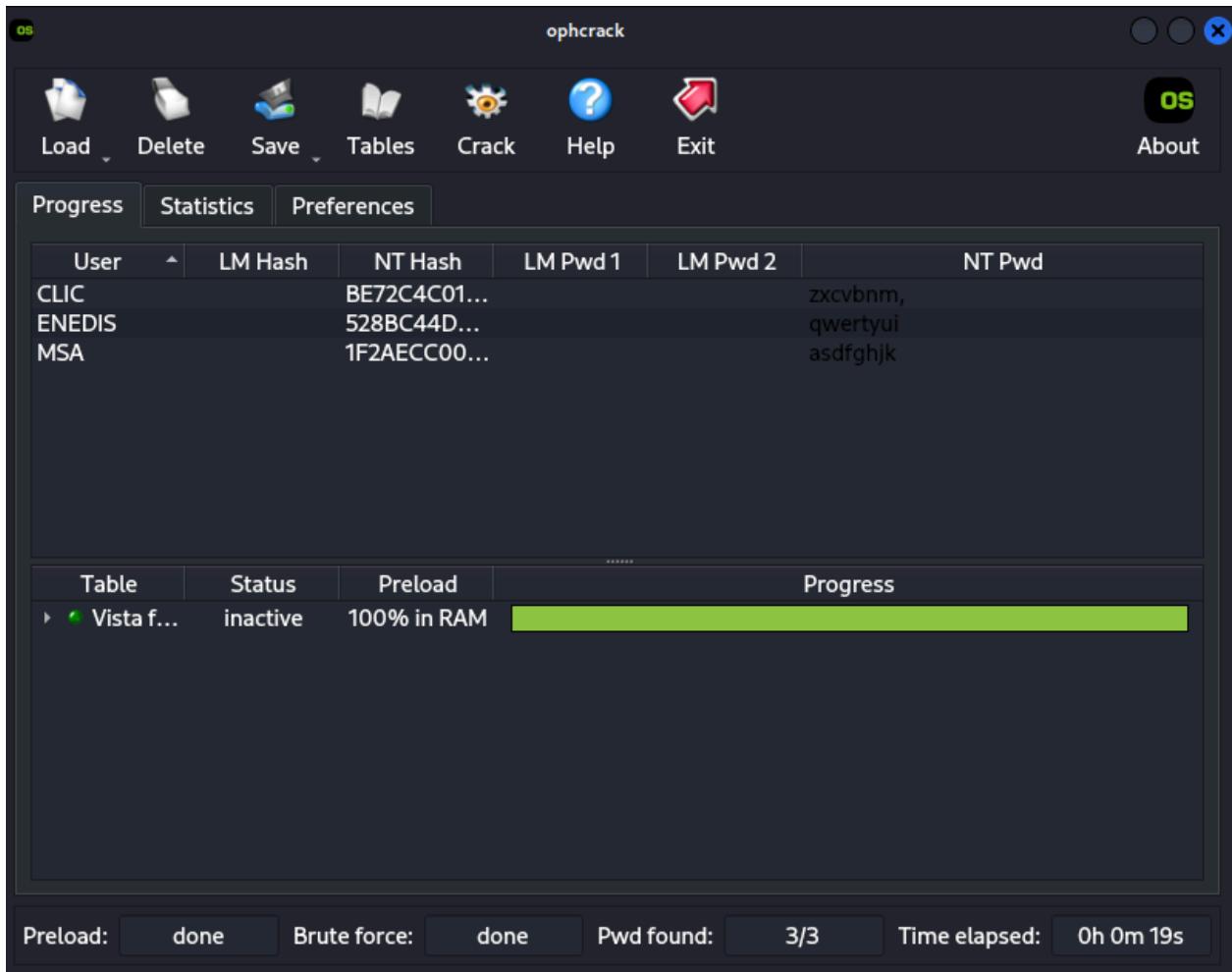
└─(kali㉿kali)-[~]
$ john --show --format=NT /media/kali/BE94A2AD94A2679B/Users/vboxuser/Desktop/fgdump-2.1.0-exeonly/127.0.0.1.pwdump
CLIC:zxcvbnm,:1004:NO PASSWORD*****:BE72C4C01C622CC10F7B0F70A
9C2DFE8:::
ENEDIS:qwertyui:1002:NO PASSWORD*****:528BC44DB20DF13A5B8DE27
A8407DE9F:::
MSA:asdfghjk:1003:NO PASSWORD*****:1F2AECC00E935B615D54AE139C
E161BA:::

3 password hashes cracked, 0 left

└─(kali㉿kali)-[~]
$
```

## Exercice 3

Table Selection			
Table	Directory	Status	Preload
XP free fast		not installed	on disk
XP free small		not installed	on disk
XP special		not installed	on disk
XP german v1		not installed	on disk
XP german v2		not installed	on disk
Vista special		not installed	on disk
Vista free	/home/kali/Downloads/tables_v...	inactive	on disk
Vista nine		not installed	on disk
Vista eight		not installed	on disk
Vista num		not installed	on disk
Vista seven		not installed	on disk
XP flash		not installed	on disk
Vista eight XL		not installed	on disk
Vista special XL		not installed	on disk
Vista probabilis...		not installed	on disk
Vista probabilis...		not installed	on disk
● = enabled	● = disabled	● = not installed	



Il faut mélanger Majuscules + Minuscules + Chiffres + Caractères Spéciaux (ex: @, #, !, %). Faire des mots de passe plus longs et ne jamais utiliser de suite de caractères (1234, azerty, etc).

## Conclusion

Ce TP nous a introduit à la sécurité des mots de passe en simulant une attaque brute force.