S6_L3

Le password da craccare sono le seguenti:

- 5f4dcc3b5aa765d61d8327deb882cf99
- e99a18c428cb38d5f260853678922e03
- 8d3533d75ae2c3966d7e0d4fcc69216b
- 0d107d09f5bbe40cade3de5c71e9e9b7
- 5f4dcc3b5aa765d61d8327deb882cf99

Sono state inserite nel file hash.txt sul Desktop.

Successivamente ho utilizzato John The Ripper per risolvere gli hash:

Il formato per gli hash è RAW-MD5 e lo possiamo vedere dallo strumento HASHID.

```
┌──(kali㉿kali)-[~/Desktop]
└─$ john --format=RAW-MD5 hash.txt
Using default input encoding: UTF-8
Loaded 5 password hashes with no different salts (Raw-MD5 [MD5 128/128 ASIM
D 4×2])
Warning: no OpenMP support for this hash type, consider --fork=4
Proceeding with single, rules:Single
Press 'q' or Ctrl-C to abort, almost any other key for status
Almost done: Processing the remaining buffered candidate passwords, if any.
Proceeding with wordlist:/usr/share/john/password.lst
password         (?)
password         (?)
abc123           (?)
letmein          (?)
Proceeding with incremental:ASCII
charley          (?)
5g 0:00:00:00 DONE 3/3 (2024-07-03 00:26) 19.23g/s 685961p/s 685961c/s 7017
15C/s jaith..candake
Use the "--show --format=Raw-MD5" options to display all of the cracked pas
swords reliably
Session completed.
```

```
┌──(kali㉿kali)-[~/Desktop]
└─$ john --format=RAW-MD5 hash.txt --show
?:password
?:abc123
?:charley
?:letmein
?:password

5 password hashes cracked, 0 left
```

Per una controprova ho utilizzato anche HASHCAT:


```
┌──(kali㉿kali)-[~/Desktop]
└─$ hashcat -m 0 -a 0 hash.txt /usr/share/wordlists/rockyou.txt
hashcat (v6.2.6) starting

OpenCL API (OpenCL 3.0 PoCL 5.0+debian  Linux, None+Asserts, RELOC,
 SPIR, LLVM 17.0.6, SLEEF, POCL_DEBUG) - Platform #1 [The pocl proj
ect]

* Device #1: cpu--0×000, 1437/2939 MB (512 MB allocatable), 4MCU

Minimum password length supported by kernel: 0
Maximum password length supported by kernel: 256

INFO: All hashes found as potfile and/or empty entries! Use --show
to display them.

Started: Wed Jul  3 05:43:29 2024
Stopped: Wed Jul  3 05:43:30 2024
```

```
┌──(kali㊉kali)-[~/Desktop]
└─$ hashcat -m 0 -a 0 hash.txt /usr/share/wordlists/rockyou.txt --s
how
5f4dcc3b5aa765d61d8327deb882cf99:password
e99a18c428cb38d5f260853678922e03:abc123
8d3533d75ae2c3966d7e0d4fcc69216b:charley
0d107d09f5bbe40cade3de5c71e9e957:letmein
```