

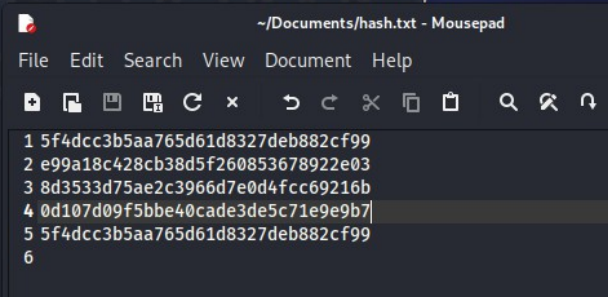
Esercizio S6L3 di Giorgio Ciaschini del 28/02/2024

Siamo andati a creare un file su kali linux chiamato “hash.txt” dove sono presenti le password che vogliamo “decriptare” attraverso il tool di John the Ripper con il comando: “john –wordlist=/usr/share/wordlists/rockyou.txt –format=raw-md5 ./Documents/hash.txt”. Come vediamo abbiamo 5 password. Poi sono andato a testarle con un tool online per vedere se erano giuste.

```
(kali@kali)-[~]
$ john --wordlist=/usr/share/wordlists/rockyou.txt --format=raw-md5 ./Documents/hash.txt
Using default input encoding: UTF-8
Loaded 4 password hashes with no different salts (Raw-MD5 [MD5 256/256 AVX2 8x3])
Warning: no OpenMP support for this hash type, consider --fork=2
Press 'q' or Ctrl-C to abort, almost any other key for status
password      (?)
abc123         (?)
letmein        (?)
charley        (?)
4g 0:00:00:00 DONE (2024-02-28 09:14) 200.0g/s 153600p/s 153600c/s 230400C/s my3kids..dangerous
Warning: passwords printed above might not be all those cracked
Use the "--show --format=Raw-MD5" options to display all of the cracked passwords reliably
Session completed.

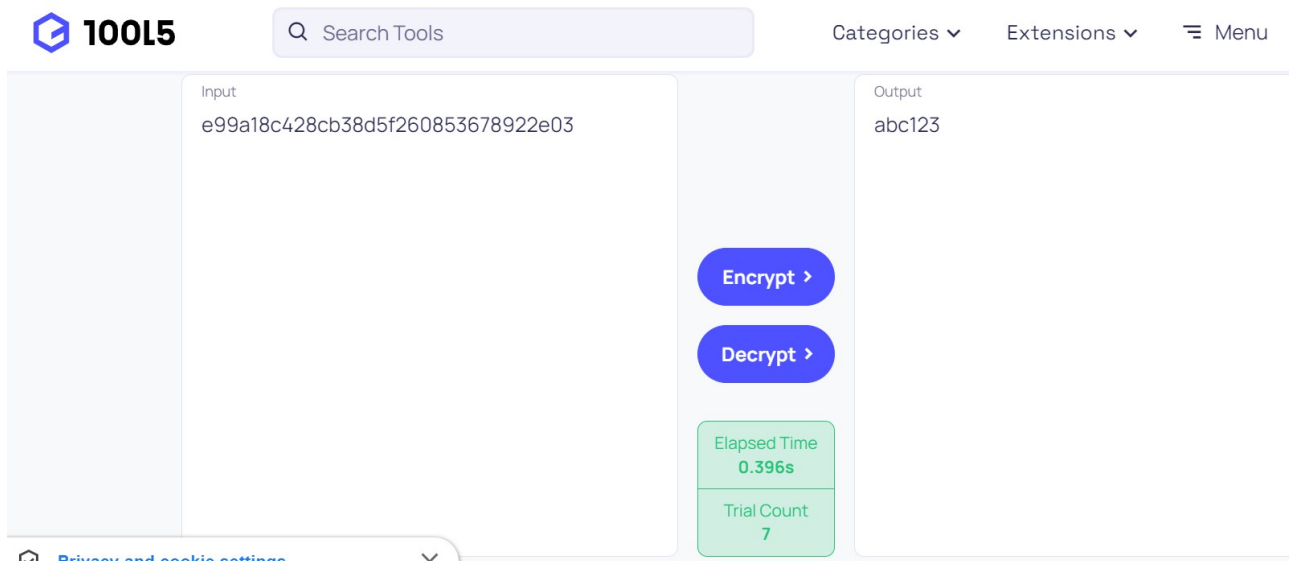
(kali@kali)-[~]
$ john --show --format=Raw-MD5
Password files required, but none specified

(kali@kali)-[~]
$ john --show --format=raw-md5 ./Documents/hash.txt
?:password
?:abc123
?:charley
?:letmein
?:password
5 password hashes cracked, 0 left
```



The Mousepad window titled “~/Documents/hash.txt - Mousepad” shows the following list of cracked passwords:

- 1 5f4dcc3b5aa765d61d8327deb882cf99
- 2 e99a18c428cb38d5f260853678922e03
- 3 8d3533d75ae2c3966d7e0d4fcc69216b
- 4 0d107d09f5bbe40cade3de5c71e9e9b7|
- 5 5f4dcc3b5aa765d61d8327deb882cf99
- 6



The 100L5 tool interface features a search bar at the top with the text “Search Tools”. Below the search bar, there are two main input/output fields. The “Input” field contains the hash “e99a18c428cb38d5f260853678922e03”, and the “Output” field contains the password “abc123”. Between these fields are two buttons: “Encrypt >” and “Decrypt >”. Below the buttons, there are two green boxes displaying “Elapsed Time 0.396s” and “Trial Count 7”. At the bottom left, there is a link for “Privacy and cookie settings”.