## Esercizio Epicode 09.10.2023

## Web Application - preparazione ambiente

```
| root@kali)-[/var/www/html/DVWA/config
| service apache2 start
            ali)-[/var/www/html]
  chmod -R 777 DVWA/
                                                                        )-[/var/www/html/DVWA/config
                                                          cd /etc/php
           kali) [/var/www/html]
                                                          (root@kali)-[/etc/php]
  cd DVWA/config
       t@kali)-[/var/www/html/DVWA/config
# cp config.inc.php.dist config.inc.php
                                                          (root@kali)-[/etc/php]
# cd /etc/php/8.2/apache2
                                                          root® kali)-[/etc/php/8.2/apache2
# nano php.ini
                 )-[/var/www/html/DVWA/config
  nano config.inc.php
                                                          root@kali)-[/etc/php/8.2/apache2]
# sudo nano php.ini
  (root⊛kali)-[/var/www/html/DVWA/config
service mysql start
                                                          root@kali)-[/etc/php/8.2/apache2]
# service apache2 start
           kali)-[/var/www/html/DVWA/config

⑥ kali)-[/etc/php/8.2/apache2]

  mysql -u root -p
```

```
Web Server SERVER NAME: 127.0.0.1
Operating system: *nix
PHP version: 8.1.2
PHP function display errors: Disabled
PHP function safe_mode: Disabled
PHP function allow_url_include: Disabled
PHP function allow_url_fopen: Enabled PHP function magic_quotes_gpc: Disabled
PHP module gd: Missing - Only an issue if you want to play with captchas
PHP module mysql: Installed
PHP module pdo_mysql: Installed
Backend database: MySQL/MariaDB
Database username: kali
Database database: dvwa
Database host: 127.0.0.1
Database port: 3306
reCAPTCHA kev: Missing
[User: root] Writable folder /var/www/html/DVWA/hackable/uploads/: Yes
[User: root] Writable file /var/www/html/DVWA/external/phpids/0.6/lib/IDS/tmp/phpids log.txt; Yes
[User: root] Writable folder /var/www/html/DVWA/config: Yes
Status in red, indicate there will be an issue when trying to complete some modules.
If you see disabled on either allow_url_fopen or allow_url_include, set the following in your php.ini file and restart
Apache.
allow_url_fopen = On
allow_url_include = On
These are only required for the file inclusion labs so unless you want to play with those, you can ignore them.
Create / Reset Database
```



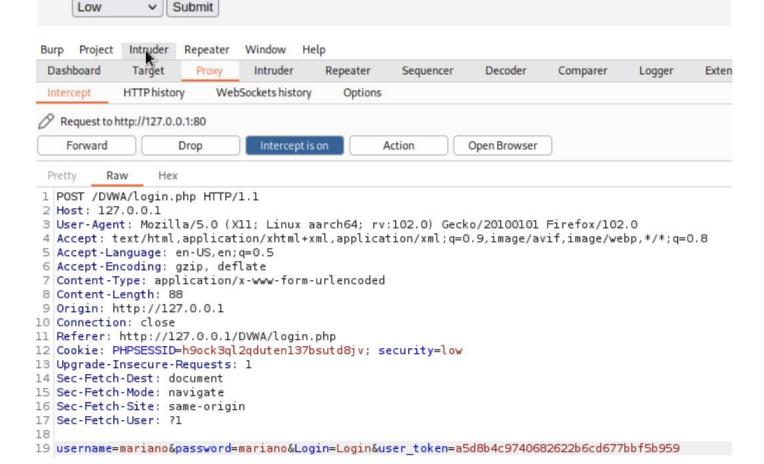
## Security Level

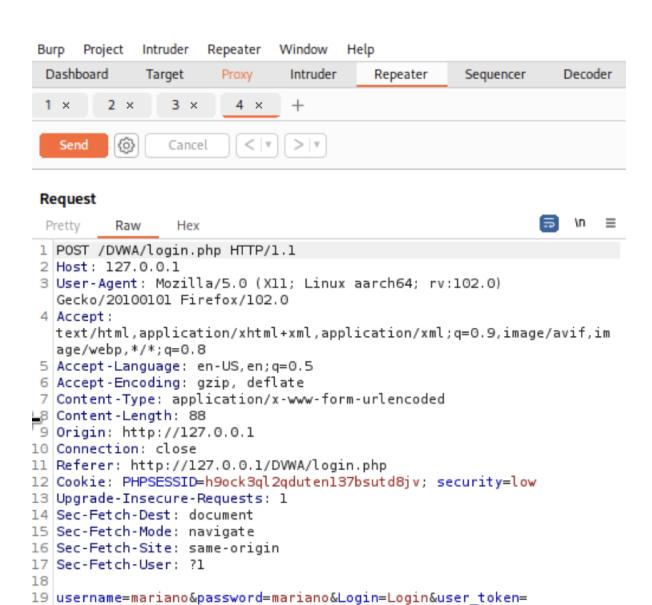
Security level is currently: low.

You can set the security level to low, medium, high or impossible. The security level changes the vulnerability level of DVWA:

- Low This security level is completely vulnerable and has no security measures at all. It's use is to be
  as an example of how web application vulnerabilities manifest through bad coding practices and to serve
  as a platform to teach or learn basic exploitation techniques.
- Medium This setting is mainly to give an example to the user of bad security practices, where the developer has tried but failed to secure an application. It also acts as a challenge to users to refine their exploitation techniques.
- 3. High This option is an extension to the medium difficulty, with a mixture of harder or alternative bad practices to attempt to secure the code. The vulnerability may not allow the same extent of the exploitation, similar in various Capture The Flags (CTFs) competitions.
- Impossible This level should be secure against all vulnerabilities. It is used to compare the vulnerable source code to the secure source code.

Prior to DVWA v1.9, this level was known as 'high'.





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