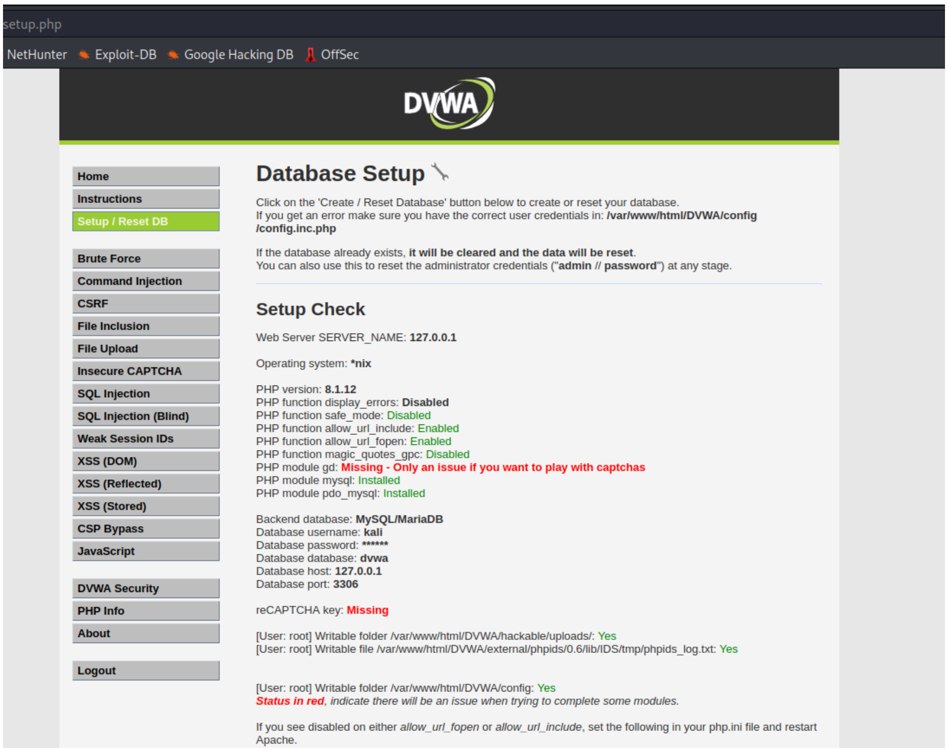
ESERCIZIO WEB APPLICATION



Database Setup

Click on the 'Create / Reset Database' button below to create or reset your database.
If you get an error make sure you have the correct user credentials in: **/var/www/html/DVWA/config /config.inc.php**

If the database already exists, **it will be cleared and the data will be reset**.
You can also use this to reset the administrator credentials ("**admin** // **password**") at any stage.

Setup Check

Web Server SERVER_NAME: **127.0.0.1**

Operating system: ***nix**

PHP version: **8.1.12**
PHP function display_errors: **Disabled**
PHP function safe_mode: Disabled
PHP function allow_url_include: Enabled
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

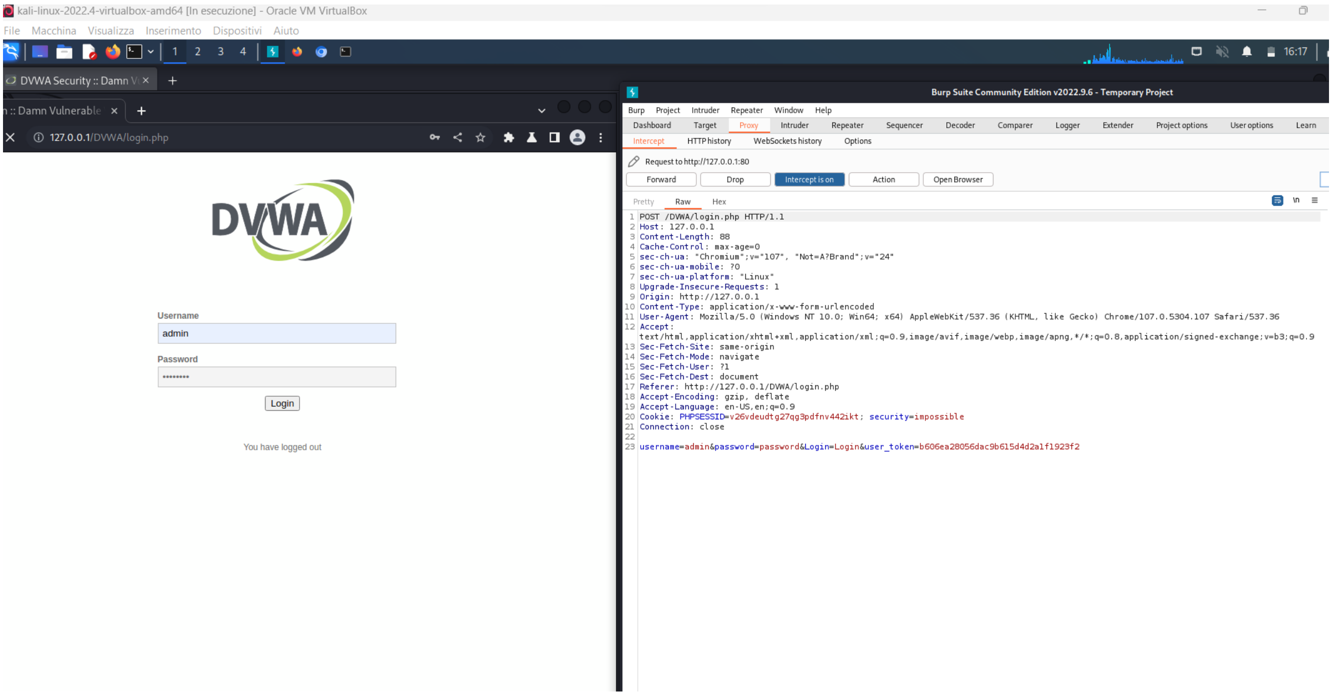
Backend database: **MySQL/MariaDB**
Database username: **kali**
Database password: **********
Database database: **dvwa**
Database host: **127.0.0.1**
Database port: **3306**

reCAPTCHA key: **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.



kali-linux-2022.4-virtualbox-amd64 [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
1 2 3 4
16:17
DVWA Security :: Damn V
:: Damn Vulnerable
127.0.0.1/DVWA/login.php
DVWA
Burp Suite Community Edition v2022.9.6 - Temporary Project
Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
Intercept HTTP history WebSockets history Options
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Drop
Intercept is on
Action
Open Browser
Pretty Raw Hex

Username
admin

Password
••••••••

Login

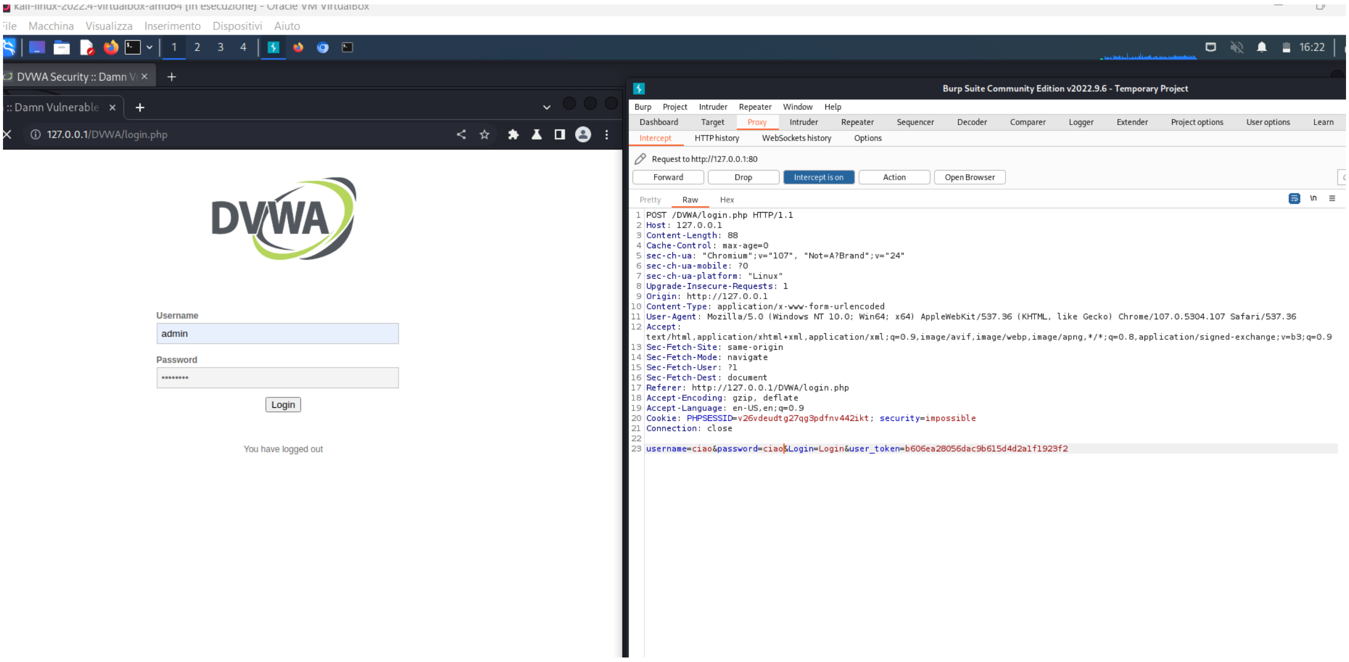
You have logged out

Request to http://127.0.0.1:80

```
POST /DVWA/login.php HTTP/1.1
Host: 127.0.0.1
Content-Length: 88
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="107", "Not=A?Brand";v="24"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Linux"
Upgrade-Insecure-Requests: 1
Origin: http://127.0.0.1
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.5304.107 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://127.0.0.1/DVWA/login.php
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9
Cookie: PHPSESSID=v26vdeudtg27qg3pdfnv442ikt; security=impossible
Connection: close

username=admin&password=password&Login=Login&user_token=b606ea28056dac9b615d4d2a1f1923f2
```

Cambio Username e Password: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File Macchina Visualizza Inserimento Dispositivi Aiuto
DVWA Security :: Damn V
:: Damn Vulnerable
127.0.0.1/DVWA/login.php
16:22
DVWA
Burp Suite Community Edition v2022.9.6 - Temporary Project
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Forward Drop Intercept is on Action Open Browser
Pretty Raw Hex

Username: admin

Password: ********

Login

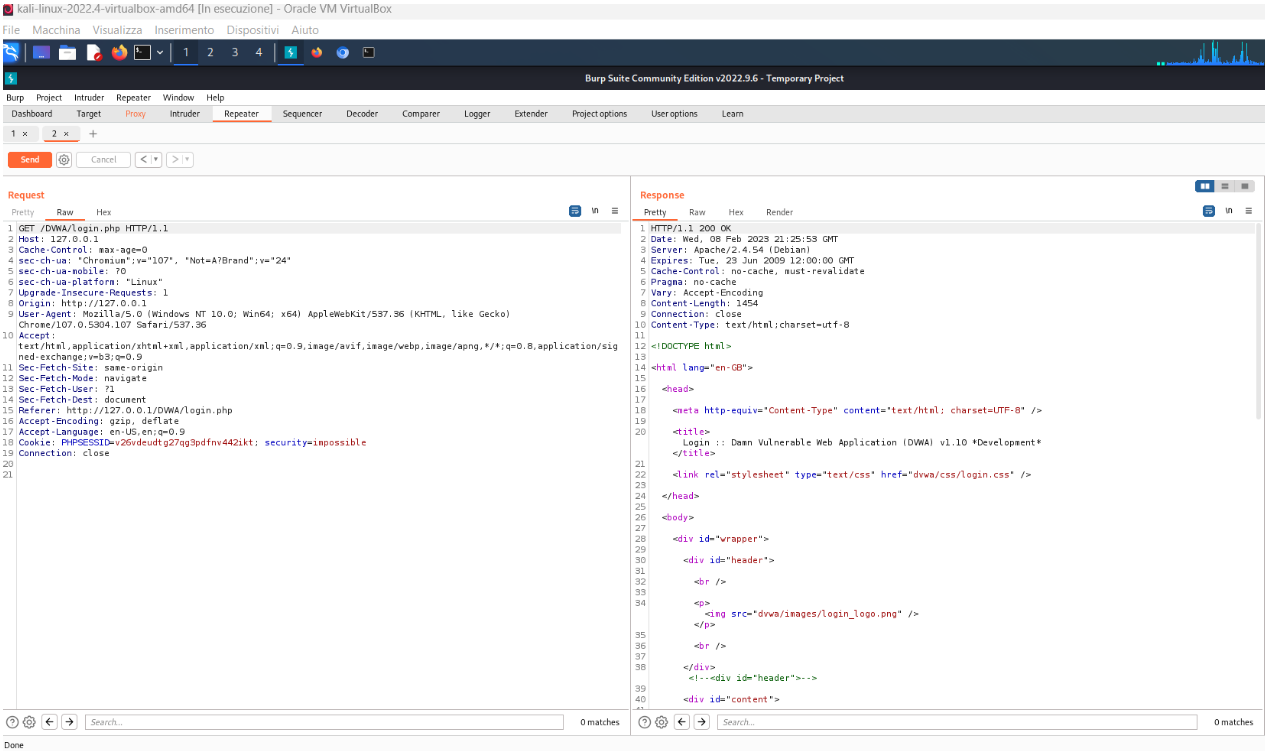
You have logged out

Request to http://127.0.0.1:80

```
POST /DVWA/login.php HTTP/1.1
Host: 127.0.0.1
Content-Length: 88
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="107", "Not=A?Brand";v="24"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Linux"
Upgrade-Insecure-Requests: 1
Origin: http://127.0.0.1
Content-Type: application/x-www-form-urlencoded
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.5304.107 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://127.0.0.1/DVWA/login.php
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9
Cookie: PHPSESSID=v26vdeudtg27qg3pdfnv442ikt; security=impossible
Connection: close

username=ciao&password=ciao&Login=Login&user_token=b606ea28056dac9b615d4d2a1f1923f2
```

Send to Repeater: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File Macchina Visualizza Inserimento Dispositivi Aiuto
Burp Suite Community Edition v2022.9.6 - Temporary Project
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1 × 2 × +
Send Cancel
Request
Pretty Raw Hex
Response
Pretty Raw Hex Render
Search...
0 matches
Search...
0 matches
Done

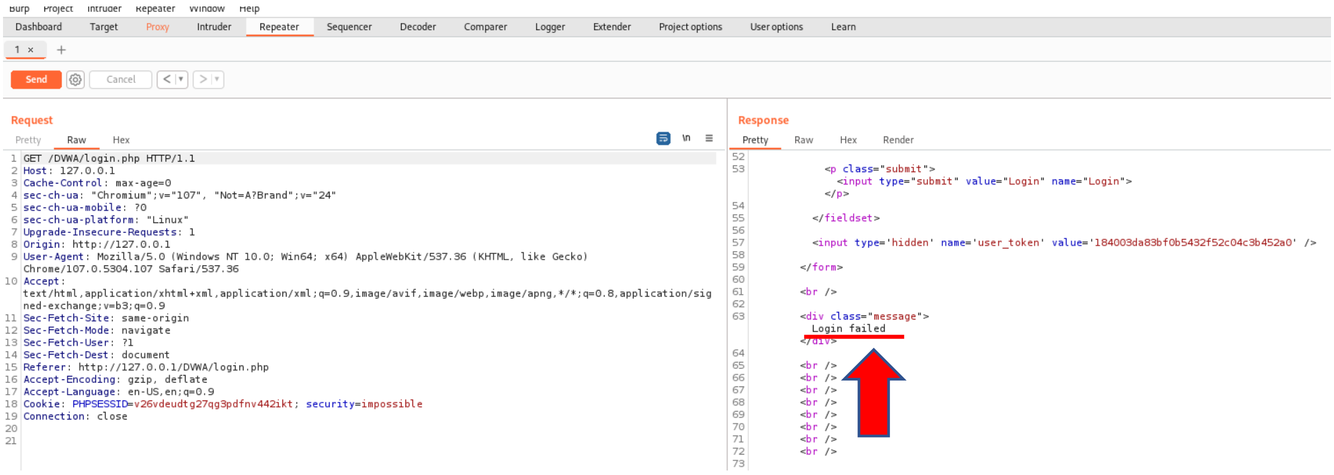
Request

```
GET /DVWA/login.php HTTP/1.1
Host: 127.0.0.1
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="107", "Not=A?Brand";v="24"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Linux"
Upgrade-Insecure-Requests: 1
Origin: http://127.0.0.1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/107.0.5304.107 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/sig
ned-exchange;v=b3;q=0.9
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://127.0.0.1/DVWA/login.php
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9
Cookie: PHPSESSID=v26vdeudtg27qg3pdfnv442ikt; security=impossible
Connection: close


```

Response

```
HTTP/1.1 200 OK
Date: Wed, 08 Feb 2023 21:25:53 GMT
Server: Apache/2.4.54 (Debian)
Expires: Tue, 23 Jun 2009 12:00:00 GMT
Cache-Control: no-cache, must-revalidate
Pragma: no-cache
Vary: Accept-Encoding
Content-Length: 1454
Connection: close
Content-Type: text/html;charset=utf-8

<!DOCTYPE html>

<html lang="en-GB">

  <head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

    <title>
      Login :: Damn Vulnerable Web Application (DVWA) v1.10 *Development*
    </title>

    <link rel="stylesheet" type="text/css" href="dvwa/css/login.css" />

  </head>

  <body>

    <div id="wrapper">

      <div id="header">

        <br />

        <p>
          <img src="dvwa/images/login_logo.png" />
        </p>

        <br />

      </div>
       <!--<div id="header">-->

      <div id="content">
```

Login Fallito:



Burp Project Intruder Repeater Window Help
Dashboard Target Proxy Intruder Repeater Sequencer Decoder Comparer Logger Extender Project options User options Learn
1 ×
Send
Cancel
Request
Pretty Raw Hex
Response
Pretty Raw Hex Render

```
GET /DVWA/login.php HTTP/1.1
Host: 127.0.0.1
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="107", "Not=A?Brand";v="24"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Linux"
Upgrade-Insecure-Requests: 1
Origin: http://127.0.0.1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/107.0.5304.107 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/sig
ned-exchange;v=b3;q=0.9
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Referer: http://127.0.0.1/DVWA/login.php
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9
Cookie: PHPSESSID=v26vdeudtg27qg3pdfnv442ikt; security=impossible
Connection: close


```

```

          <p class="submit">
            <input type="submit" value="Login" name="Login">
          </p>

        </fieldset>

        <input type='hidden' name='user_token' value='184003da83bf0b5432f52c04c3b452a0' />

      </form>

      <br />

      <div class="message">
        Login failed
      </div>

      <br />
      <br />
      <br />
      <br />
      <br />
      <br />
      <br />
      <br />

```