

```
(root@kali)-[/home/kali]
# git clone https://github.com/digininja/DVWA
Cloning into 'DVWA' ...
remote: Enumerating objects: 4436, done.
remote: Counting objects: 100% (211/211), done.
remote: Compressing objects: 100% (145/145), done.
remote: Total 4436 (delta 97), reused 145 (delta 63), pack-reused 4225
Receiving objects: 100% (4436/4436), 2.17 MiB | 3.28 MiB/s, done.
Resolving deltas: 100% (2099/2099), done.

(root@kali)-[/home/kali]
# chmod -R 777 DVWA/

(root@kali)-[/home/kali]
# cd DVWA/config

(root@kali)-[/home/kali/DVWA/config]
# cp config.inc.php.dist config.inc.php

(root@kali)-[/home/kali/DVWA/config]
# nano config.inc.php

(root@kali)-[/home/kali/DVWA/config]
#
```

```
(root@kali)-[/home/kali/DVWA/config]
# service mysql start

(root@kali)-[/home/kali/DVWA/config]
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 31
Server version: 10.11.4-MariaDB-1 Debian 12

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement
.

MariaDB [(none)]>
```

```
root@kali: /home/kali/DVWA/config
File Actions Edit View Help
GNU nano 7.2 config.inc.php *
<?php

# If you are having problems connecting to the MySQL database and all of the
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a
# Thanks to @digininja for the fix.

# Database management system to use
$DBMS = 'MySQL';
#$DBMS = 'PGSQL'; // Currently disabled

# Database variables
# WARNING: The database specified under db_database WILL BE ENTIRELY DELETED
# Please use a database dedicated to DVWA.
#
# If you are using MariaDB then you cannot use root, you must use create a database
# See README.md for more information on this.
$_DVWA = array();
$_DVWA[ 'db_server' ] = getenv( 'DB_SERVER' ) ? '127.0.0.1' : 'localhost';
$_DVWA[ 'db_database' ] = 'dvwa';
$_DVWA[ 'db_user' ] = 'kali';
$_DVWA[ 'db_password' ] = 'kali';
$_DVWA[ 'db_port' ] = '3306';

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify
```

```
(root@kali)-[/home/kali/DVWA/config]
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 31
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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement

MariaDB [(none)]> create user 'kali'@'127.0.0.1'identified by 'kali';
Query OK, 0 rows affected (0.002 sec)

MariaDB [(none)]> grant all privileges on dvwa.* to 'kali'@'127.0.0.1' identi
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> exit
Bye

(root@kali)-[/home/kali/DVWA/config]
#
```

```
(root@kali)-[/home/kali/DVWA/config]
# service apache2 start

(root@kali)-[/home/kali/DVWA/config]
# cd /etc/php/8.1/apache2
cd: no such file or directory: /etc/php/8.1/apache2

(root@kali)-[/home/kali/DVWA/config]
# cd /etc/php

(root@kali)-[/etc/php]
# ls
8.2

(root@kali)-[/etc/php]
# cd /etc/php/8.2/apache2

(root@kali)-[/etc/php/8.2/apache2]
#
```

```
(kali㉿kali)-[~]
$ sudo su
[sudo] password for kali:
(kali㉿kali)-[/home/kali]
# sudo apt update
Hit:1 http://kali.download/kali kali-rolling InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
1195 packages can be upgraded. Run 'apt list --upgradable' to see them.

(kali㉿kali)-[/home/kali]
# sudo apt install mariadb-server
Reading package lists... Done
```

```
(kali㉿kali)-[/home/kali]
# sudo service mysql start

(kali㉿kali)-[/home/kali]
# sudo mysql_secure_installation
```

```
; Whether to allow the treatment of URLs (like http:// or ftp://) as files.
; https://php.net/allow-url-fopen
allow_url_fopen = On

; Whether to allow include/require to open URLs (like https:// or ftp://) as files.
; https://php.net/allow-url-include
allow_url_include = On
```

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127.0.0.1/DVWA/setup.php

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Kali Linux

Kali Tools

Kali Docs

Kali Forums

Kali NetHunter

Exploit-DB

Google Hacking DB

OffSec

DVWA

Database Setup

Setup DVWA

Instructions

About

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: 8.2.7

PHP function display_errors: Disabled

PHP function display_startup_errors: Disabled

PHP function allow_url_include: Disabled

PHP function allow_url_fopen: Enabled

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

Writable folder /var/www/html/DVWA/hackable/uploads/: Yes

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