



# DAMN VULNERABLE WEB APPLICATION (DVWA)

Today we will look on how to setup DVWA on your local machine.

## Introduction

Damn Vulnerable Web Application (DVWA) is a PHP/MySQL web application that is damn vulnerable. The goal is to be an aid for security specialists to test their skills, knowledge and different tools in a legal environment. Also, it helps web developers better understand the procedures of securing web applications and to aid both scholars & educators to learn about web application security in a legal environment.

## Warning

Damn Vulnerable Web Application is damn vulnerable! Do try to upload it to your hosting provider or any Internet facing servers, as they will be compromised. It is recommended using a virtual machine (such as VirtualBox or VMware)

## Disclaimer

We do not take accountability for the way in which any one uses this application (DVWA). We made this document for the purposes of learning and practicing security skills and it should not be used maliciously. We provide warning for you to not installing DVWA on to live web servers. If your web server is compromised via an installation of DVWA, it is not our responsibility.

## Prerequisite

This document cover for the only person who have one Computer with **Virtualbox** installed. If you don't have [virtualbox](#), please download and install you're your machine.

Make sure you have the following;

1. Virtualbox
2. Virtual Machine. (Linux or Windows)
3. XAMPP for windows user or Apache for Linux user

## Installation

For windows user:

Download XAMPP and install it to your machine which will act as the server. That machine you will put DVWA. And we suggest to be one of the virtualbox machine.

XAMPP can be downloaded from: <https://www.apachefriends.org/download.html>

For Linux user (Debian):

You will need to install the following packages

```
apt-get -y install apache2 mysql-server php php-mysqli php-gd libapache2-mod-php
```

Then, download DVWA package to the official website.

<http://www.dvwa.co.uk/>

unzip the file and rename the folder to **dvwa** and move it into **C:\xampp\htdocs** (for windows user) and **/var/www/html/** (for Linux user)

## Database Setup

First, rename the file ***config.inc.php.dist*** , located ***C:\xampp\htdocs\DVWA\config*** to ***config.inc.php***


Look on the below picture,

```
# Database variables
# WARNING: The database specified under db_database WILL BE ENTIRELY DELETED during setup.
# Please use a database dedicated to DVWA.
$_DVWA = array();
$_DVWA[ 'db_server' ] = '127.0.0.1';
$_DVWA[ 'db_database' ] = 'dvwa';
$_DVWA[ 'db_user' ] = 'root';
$_DVWA[ 'db_password' ] = 'p@ssw0rd';
```

Edit those parameters (db\_database, db\_user, db\_password) due to your database setting.

Then load the project to your browser, <http://localhost/dvwa>

If you see this interface, then you are good to start.



Username

Password

Login

[Damn Vulnerable Web Application \(DVWA\)](#)



## Troubleshooting

For the latest troubleshooting information please visit:

<https://github.com/ethicalhack3r/DVWA/issues>

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**Be aware. Be secure!**