

Installing DVWA on Windows

@mmar



DVWA, or Damn Vulnerable Web Application, is a web application intentionally designed to be vulnerable to various security vulnerabilities. It is often used as a training and learning tool to learn about web application security and for testing the effectiveness of web application security tools

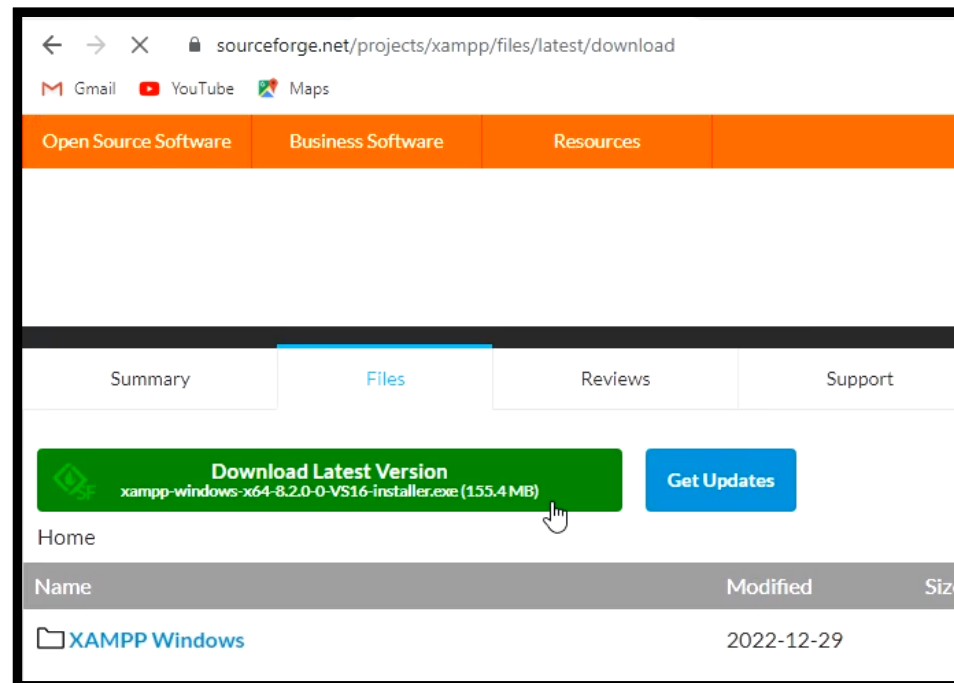
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EC COUNCIL Often has DVWA installed on windows. So, if you are preparing for certifications like CEH, its better that you practice DVWA on windows

Step- 1

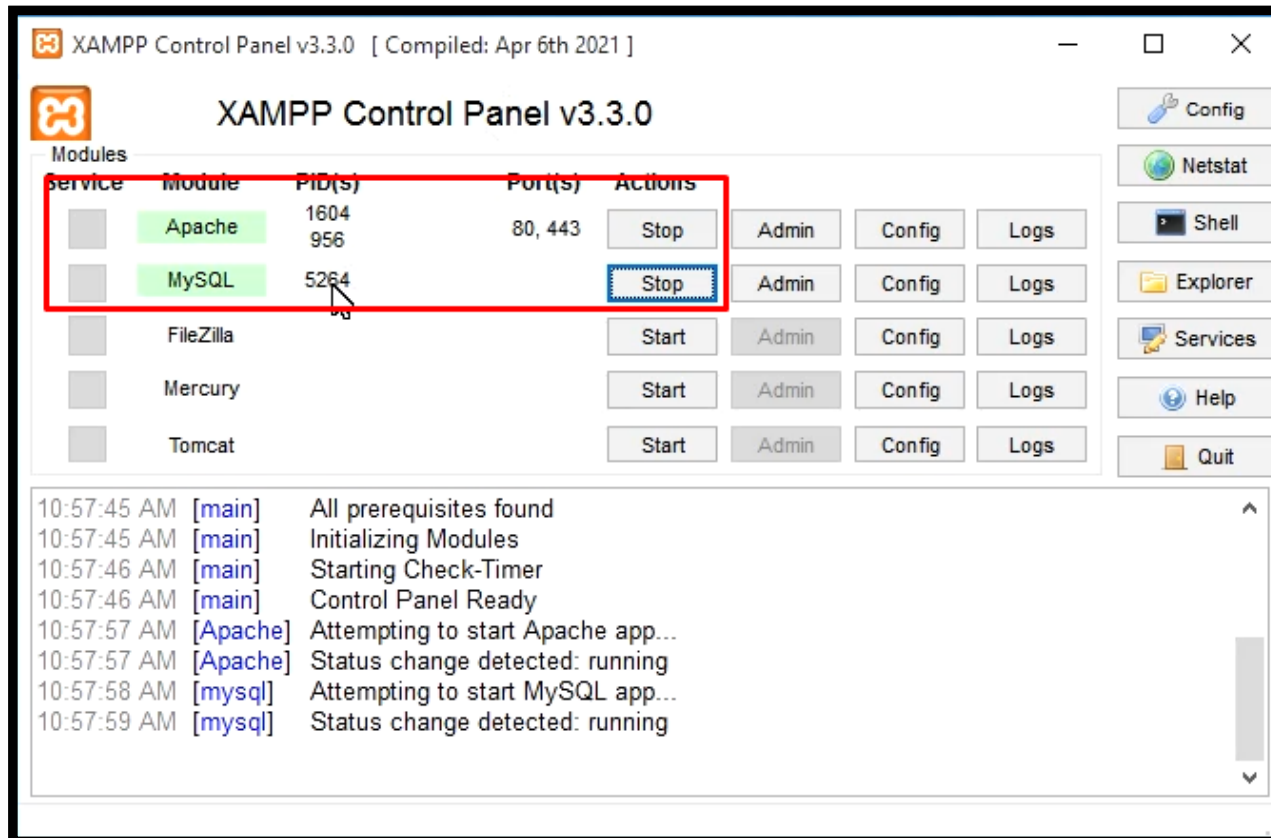
❖ Download and install XAMPP on your Windows

<https://www.apachefriends.org/download.html>



Step- 2

- ❖ Open XAMPP and start 'Apache and MySQL'



The screenshot displays the XAMPP Control Panel v3.3.0 interface. The title bar indicates it was compiled on Apr 6th 2021. The main window shows a list of modules with their respective services, PID(s), Port(s), and Actions. The Apache and MySQL services are highlighted in green, indicating they are running. The Apache service has PID(s) 1604 and 956, and Port(s) 80, 443. The MySQL service has PID(s) 5264. The Actions column for both services shows a 'Stop' button. Below the table, there is a log window showing the following messages:

Service	Module	PID(s)	Port(s)	Actions
Apache	Apache	1604 956	80, 443	Stop
MySQL	MySQL	5264		Stop
FileZilla	FileZilla			Start
Mercury	Mercury			Start
Tomcat	Tomcat			Start

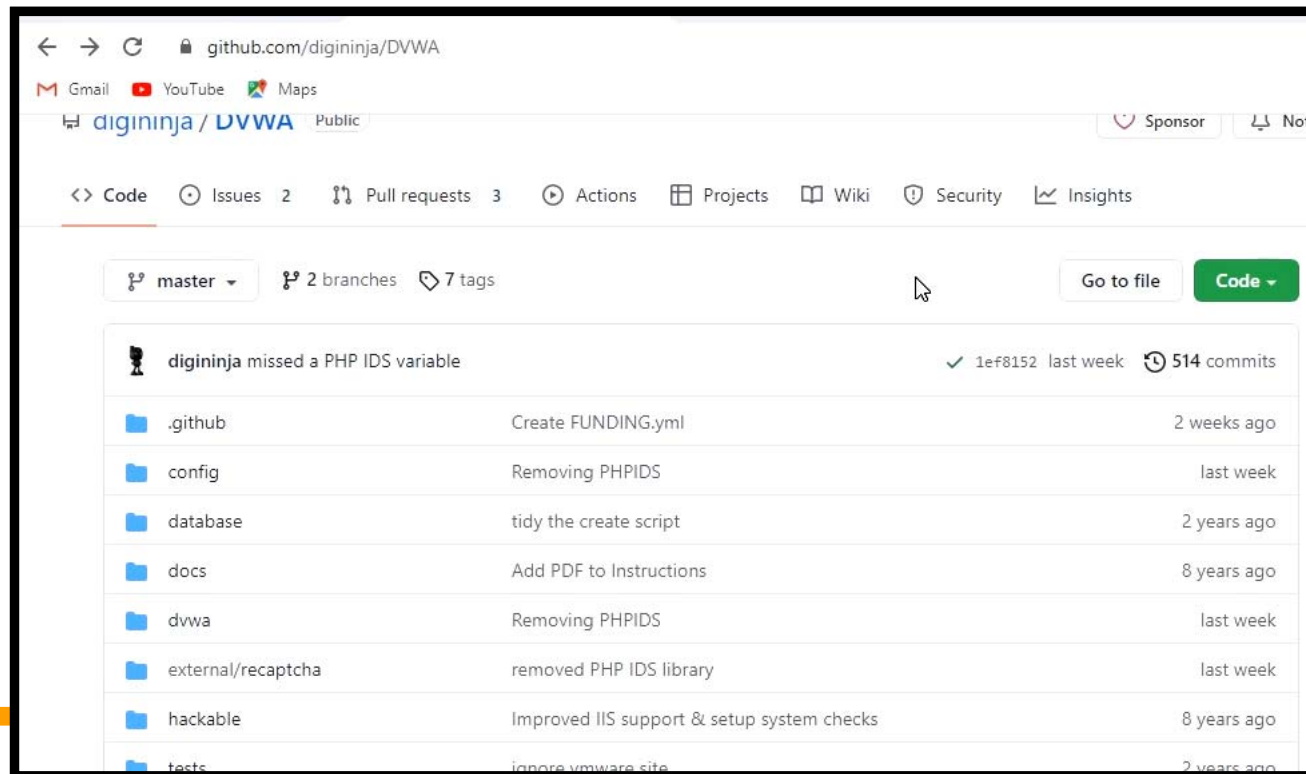
Log messages:

- 10:57:45 AM [main] All prerequisites found
- 10:57:45 AM [main] Initializing Modules
- 10:57:46 AM [main] Starting Check-Timer
- 10:57:46 AM [main] Control Panel Ready
- 10:57:57 AM [Apache] Attempting to start Apache app...
- 10:57:57 AM [Apache] Status change detected: running
- 10:57:58 AM [mysql] Attempting to start MySQL app...
- 10:57:59 AM [mysql] Status change detected: running

Step- 3

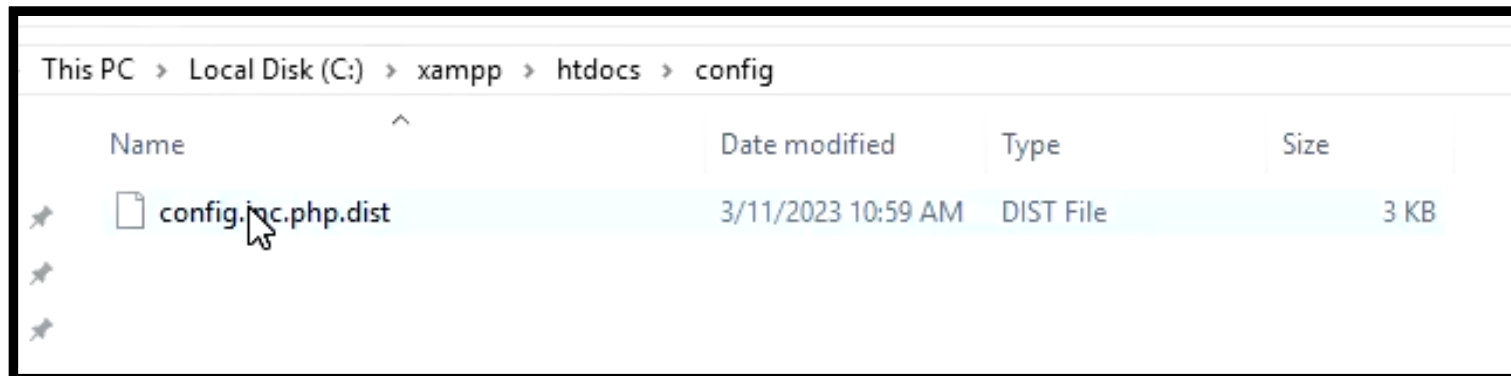
- ❖ Download DVWA from github and extract it in C:\Xampp\htdocs

<https://github.com/digininja/DVWA>



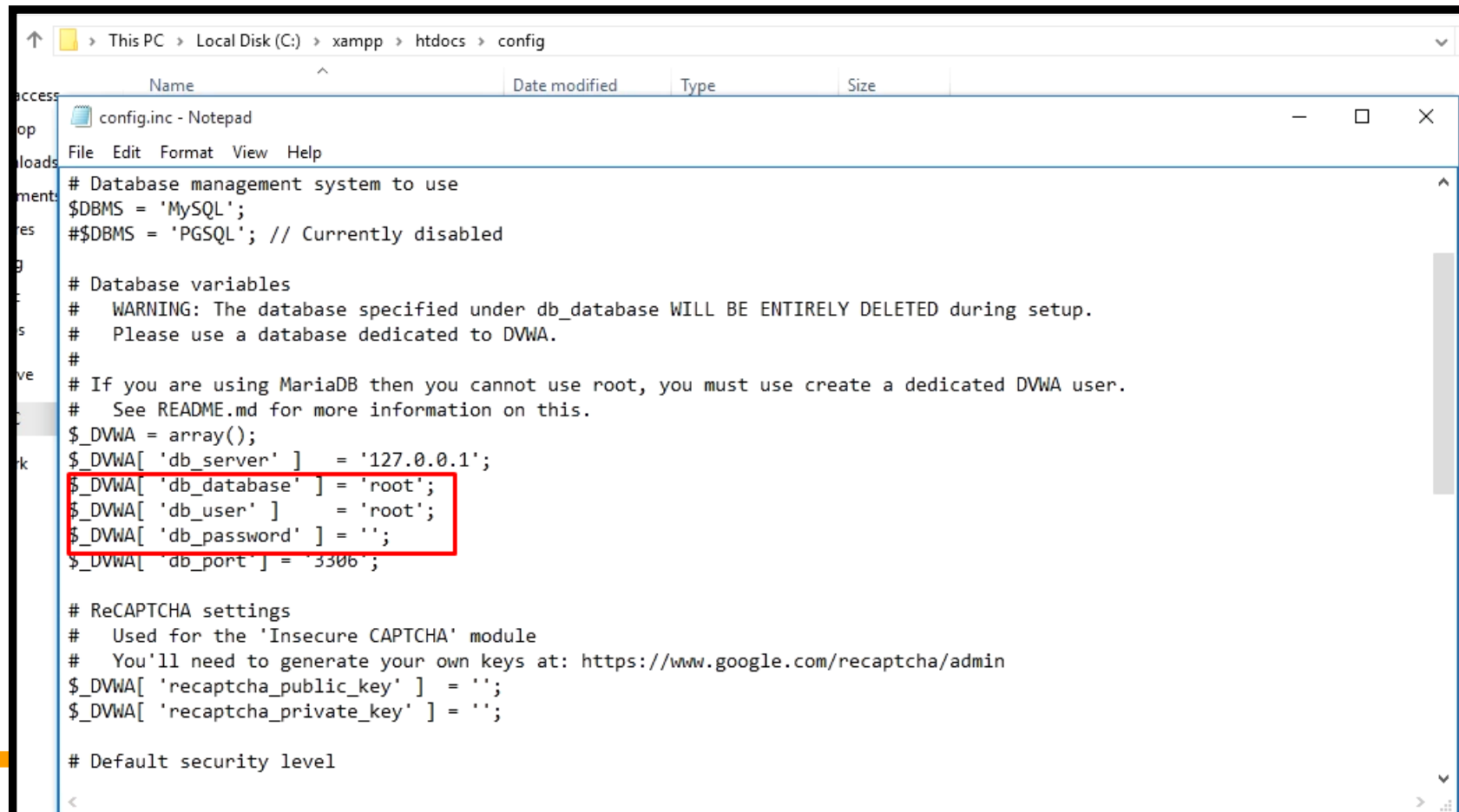
Step- 4

- ❖ Rename the config.inc.php.dist to config.inc.php in C:\xampp\htdocs\dwva\config folder



Step- 5

- ❖ Open the config file, change the password to blank and username to root



```
↑ > This PC > Local Disk (C:) > xampp > htdocs > config
Name      Date modified  Type  Size
config.inc - Notepad
File Edit Format View Help
# Database management system to use
$DBMS = 'MySQL';
# $DBMS = 'PGSQL'; // Currently disabled

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

# ReCAPTCHA settings
# Used for the 'Insecure CAPTCHA' module
# You'll need to generate your own keys at: https://www.google.com/recaptcha/admin
$_DVWA[ 'recaptcha_public_key' ] = '';
$_DVWA[ 'recaptcha_private_key' ] = '';

# Default security level
```


Step- 6

- ❖ Now, you can access DVWA at the following URL. Click reset the database and your DVWA will be ready

><http://127.0.0.1>

localhost/setup.php

YouTube Maps

XSS (Stored)
CSP Bypass
JavaScript
Open HTTP Redirect

DVWA Security
PHP Info
About

Logout

Backend database: **MySQL/MariaDB**
Database username: root
Database password: *blank*
Database database: root
Database host: 127.0.0.1
Database port: 3306

reCAPTCHA key: **Missing**

[User: Ammar] Writable folder C:\xampp\htdocs\hackable\uploads!: **Yes**

[User: Ammar] Writable folder C:\xampp\htdocs\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



DEMO



THANKS