

# 07-WEB安全基础-环境搭建

---

#1课时

---

## WAMP搭建靶场

---

WAMP

W: windows

A: apache

M: mysql, mariadb

P: php

1. 下载phpstudy

<https://www.xp.cn/download.html>

2. 安装phpstudy

默认安装即可

3. 下载DVWA靶场

<https://github.com/digininja/DVWA/archive/master.zip>

4. 安装DVWA靶场

解压DVWA靶场压缩包，到phpstudy的WWW目录，重命名为dvwa。

5. 启动phpstudy

6. 访问DVWA靶场

<http://127.0.0.1/dvwa/>

## LAMP搭建靶场

---

LAMP

L: LINUX

A: apache

M: mysql, mariadb

P: php

- Docker 搭建 LAMP

<https://hub.docker.com/r/mattnayner/lamp>

[mattnayner/lamp Tags | Docker Hub](#)

- Docker下载LAMP镜像

```
sudo docker pull mattnayner/lamp:1604-php5-base
```

```
(kali㉿kali)-[~]
└─$ sudo docker pull matrayner/lamp:1604-php5-base
1604-php5-base: Pulling from matrayner/lamp
281a73dee007: Pulling fs layer
2aea1b77c7f7: Pulling fs layer
59a714b7d8bf: Pulling fs layer
0218064da0a9: Waiting
ebac621dcea3: Waiting
a3ed95caeb02: Pull complete
b580731643cc: Pull complete
faa5fbdba239: Pull complete
```

- Docker启动LAMP容器

```
sudo docker run -dit -p "8088:80" -v ${PWD}/app:/app matrayner/lamp:1604-php5-base
```

```
(kali㉿kali)-[~/dvwa]
└─$ sudo docker run -dit -p "8088:80" -v ${PWD}/app:/app matrayner/lamp:1604-php5-base
bc0c8627b3129036a54089ab16d5ba711156a826665b2ea5376778ec831736e8

(kali㉿kali)-[~/dvwa]
└─$ sudo docker ps
```

CONTAINER ID	IMAGE	NAMES	COMMAND	CREATED	STATUS	PORTS
bc0c8627b312	matrayner/lamp:1604-php5-base		"/run.sh"	About a minute ago	Up About a minute	3306/tcp, 0.0.0.0:8088→80/tcp, :::8088→80/tcp

```
joval_grothendieck
```

- 下载dvwa

```
cd app/

wget https://github.com/digininja/DVWA/archive/master.zip

admin/password
```

- 修改dvwa配置文件

```
cd app/config
cp config.inc.php.dist config.inc.php
vim config.inc.php
```

```
$_DVWA = array();
$_DVWA[ 'db_server' ]   = '127.0.0.1';
$_DVWA[ 'db_database' ] = 'dvwa';
$_DVWA[ 'db_user' ]     = 'root';
$_DVWA[ 'db_password' ] = '';
$_DVWA[ 'db_port' ]     = '3306';
```

- 配置文件夹权限

```
cd app/
chmod -R 777 dvwa/hackable/uploads/
chmod -R 777 dvwa/external/phpids/0.6/lib/IDS/tmp/
chmod -R 777 dvwa/config
```

```
sudo docker exec CONTAINER_ID mysql -uroot -e "create database dvwa"
```

- docker-compose

```
vim docker-compose.yml
```

```
version: '2'
services:
  dvwa:
    image: mattrayner/lamp:1604-php5-base
    volumes:
      - ./dvwa:/app
    expose:
      - "80"
    ports:
      - "8089:80"
    hostname: dvwa
    restart: always
```

```
docker-compose up -d
```