

Проект — этап 2

Информационная безопасность

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ЦВводная часть

Установить и настроить DVWA.

Выполнение

```
(epkaneva@epkaneva)-[~]
$ git clone https://github.com/digininja/DVWA.git
Cloning into 'DVWA' ...
remote: Enumerating objects: 4500, done.
remote: Counting objects: 100% (50/50), done.
remote: Compressing objects: 100% (39/39), done.
remote: Total 4500 (delta 17), reused 33 (delta 10), pack-reused 4450
Receiving objects: 100% (4500/4500), 2.30 MiB | 2.36 MiB/s, done.
Resolving deltas: 100% (2112/2112), done.

(epkaneva@epkaneva)-[~]
$ sudo mv DVWA /var/www/html
[sudo] password for epkaneva:

(epkaneva@epkaneva)-[~]
$ cd /var/www/html

(epkaneva@epkaneva)-[/var/www/html]
$ ls
DVWA  index.html  index.nginx-debian.html
```

Figure 1: Клонирование репозитория DVWA.

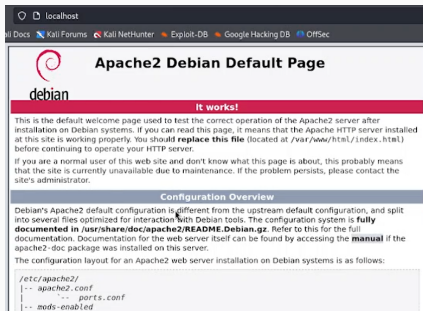


Figure 2: Открытие apache.

```
(epkaneva@epkaneva)-[/var/www/html/DVWA]
$ cp config/config.inc.php.dist config/config.inc.php

(epkaneva@epkaneva)-[/var/www/html/DVWA]
$ ls
CHANGELOG.md  README.id.md  compose.yml  hackable      robots.txt
COPYING.txt   README.md     config       index.php     security.php
Dockerfile    README.pt.md  database     instructions.php security.txt
README.ar.md  README.tr.md  docs         login.php     setup.php
README.es.md  README.zh.md  dvwa         logout.php    tests
README.fa.md  SECURITY.md   external     php.ini       vulnerabilities
README.fr.md  about.php     favicon.ico  phpinfo.php

(epkaneva@epkaneva)-[/var/www/html/DVWA]
$ cd config
Database Setup

(epkaneva@epkaneva)-[/var/www/html/DVWA/config]
$ ls
config.inc.php  config.inc.php.dist
```

Figure 3: Создание config-файла.

localhost/DVWA/setup.php

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Setup DVWAInstructionsAbout

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: localhost

Operating system: *nix

PHP version: 8.2.12
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: dvwa
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/: No
Writable folder /var/www/html/DVWA/config: No

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.


```
(epkaneva@epkaneva)~$ sudo su -
[sudo] password for epkaneva:
(epkaneva@epkaneva)~$ mysql
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 31
Server version: 10.11.6-MariaDB-2 Debian n/a

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)]> create database dvwa;
Query OK, 1 row affected (0.004 sec)

MariaDB [(none)]> create user dvwa@localhost identified by 'password';
Query OK, 0 rows affected (0.006 sec)

MariaDB [(none)]> grant all on dvwa.* to dvwa@localhost;
Query OK, 0 rows affected (0.003 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)
```

Figure 5: Настройка БД.

```
(epkaneva@epkaneva)-[~]  
$ mysql -u dvwa -p  
Enter password:  
Welcome to the MariaDB monitor.  Commands end with ; or \g.  
Your MariaDB connection id is 32  
Server version: 10.11.6-MariaDB-2 Debian n/a  
  
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)]> use dvwa  
ERROR 1044 (42000): Access denied for user 'dvwa'@'localhost' to database 'dvwa'  
MariaDB [(none)]> use dvwa;  
Reading table information for completion of table and column names  
You can turn off this feature to get a quicker startup with -A  
  
Database changed  
MariaDB [dvwa]> █
```

Figure 6: Авторизация в БД.



Figure 7: Создание БД в DVWA.

Результаты

Установили и настроили DVWA.