

Отчет по проекту

Этап 2

Легиньких Галина Андреевна

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1 Цель работы

Преобретение практических навыков по установке DVWA.

2 Выполнение этапа 2

1. Перешла в директорию /var/www/html. Затем клонировала репозиторий.
(рис. 2.1)

```
(galeginkikh@kali)-[/var/www/html]
$ sudo git clone https://github.com/digininja/DVWA
Cloning into 'DVWA' ...
remote: Enumerating objects: 4784, done.
remote: Counting objects: 100% (334/334), done.
remote: Compressing objects: 100% (187/187), done.
remote: Total 4784 (delta 184), reused 267 (delta 139), pack-reused 4450 (from 1)
Receiving objects: 100% (4784/4784), 2.39 MiB | 7.96 MiB/s, done.
Resolving deltas: 100% (2279/2279), done.
```

Рис. 2.1: Репозиторий

2. Проверяю, что файл скопировался. Повышаю права доступа к папке до 777.
(рис. 2.2) (рис. 2.3)

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

Рис. 2.2: Наличие папки

```
(galeginkikh@kali)-[/var/www/html]
$ sudo chmod -R 777 DVWA

(galeginkikh@kali)-[/var/www/html]
$ ls -l
total 20
drwxrwxrwx 12 root 4096 Sep 20 18:00 DVWA
-rw-r--r-- 1 root 10701 Sep 10 12:37 index.html
-rw-r--r-- 1 root 615 Sep 10 12:38 index.nginx-debian.html
```

Рис. 2.3: Повышение прав

3. Перешла в каталог /dvwa/config. Создала копию файла. (рис. 2.4)

```
(galeginkikh@kali)-[/var/www/html]
$ cd DVWA/config

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

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

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

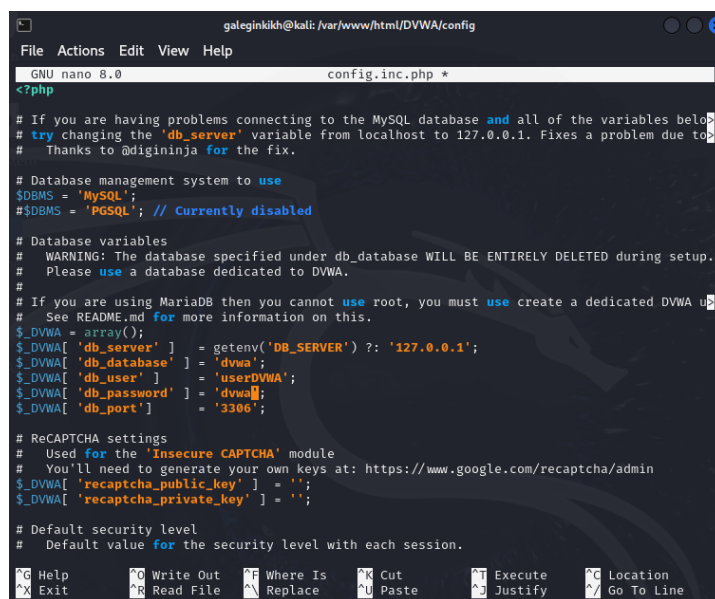
Рис. 2.4: Каталог /dvwa/config

4. Открыла файл в текстовом редакторе. (рис. 2.5)

```
(galeginkikh@kali)-[/var/www/html/DVWA/config]
$ sudo nano config.inc.php
```

Рис. 2.5: Редактор

5. Изменила данные об имени пользователя и пароле. (рис. 2.6)



```
galeginkikh@kali: /var/www/html/DVWA/config
File Actions Edit View Help
GNU nano 8.0 config.inc.php *
<?php

# If you are having problems connecting to the MySQL database and all of the variables below
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a problem due to
# 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 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'] = getenv('DB_SERVER') ?: '127.0.0.1';
$DVWA['db_database'] = 'dvwa';
$DVWA['db_user'] = 'userDVWA';
$DVWA['db_password'] = 'dvwaa';
$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
# Default value for the security level with each session.
```

Рис. 2.6: Имя и пароль

6. Запустила mysql. (рис. 2.7)

```
(galeginkikh@kali)-[/var/www/html/DVWA/config]
$ sudo systemctl start mysql

(galeginkikh@kali)-[/var/www/html/DVWA/config]
$ systemctl status mysql
● mariadb.service - MariaDB 10.11.7 database server
   Loaded: loaded (/usr/lib/systemd/system/mariadb.service; disabled; preset: disabled)
   Active: active (running) since Fri 2024-09-20 18:08:53 MSK; 22s ago
     Docs: man:mariadb(8)
           https://mariadb.com/kb/en/library/systemd/
   Process: 18064 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysqld>
   Process: 18066 ExecStartPre=/bin/sh -c systemctl unset-environment _WSREP_START_POSITIO>
   Process: 18069 ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= || V>
   Process: 18143 ExecStartPost=/bin/sh -c systemctl unset-environment _WSREP_START_POSITI>
   Process: 18145 ExecStartPost=/etc/mysql/debian-start (code=exited, status=0/SUCCESS)
  Main PID: 18130 (mariabdd)
    Status: "Taking your SQL requests now..."
     Tasks: 14 (limit: 38224)
    Memory: 210.2M (peak: 213.4M)
       CPU: 393ms
    CGroup: /system.slice/mariadb.service
            └─18130 /usr/sbin/mariabdd

Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Note] InnoDB: Loading buffer p>
Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Note] Plugin 'FEEDBACK' is dis>
Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Warning] You need to use --log>
Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Note] InnoDB: Buffer pool(s) l>
Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Note] Server socket created on>
Sep 20 18:08:53 kali mariabdd[18130]: 2024-09-20 18:08:53 0 [Note] /usr/sbin/mariabdd: read>
Sep 20 18:08:53 kali mariabdd[18130]: Version: '10.11.7-MariaDB-4' socket: '/run/mysqld/my>
Sep 20 18:08:53 kali systemd[1]: Started mariadb.service - MariaDB 10.11.7 database server.
Sep 20 18:08:53 kali /etc/mysql/debian-start[18148]: Upgrading MariaDB tables if necessary.
Sep 20 18:08:53 kali /etc/mysql/debian-start[18160]: Checking for insecure root accounts.
lines 1-28/28 (END)
```

Рис. 2.7: mysql

7. Авторизовалась в базе от имени пользователя root. Создала нового пользо-
вателя. (рис. 2.8)

```
(galeginkikh@kali)-[/var/www/html/DVWA/config]
$ sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 32
Server version: 10.11.7-MariaDB-4 Debian n/a

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

Support MariaDB developers by giving a star at https://github.com/MariaDB/server
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create user 'userDVWA'@'127.0.0.1' identified "dvwa"
→ ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds
to your MariaDB server version for the right syntax to use near '"dvwa"' at line 1
MariaDB [(none)]> create user 'userDVWA'@'127.0.0.1' identified "dvwa";
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds
to your MariaDB server version for the right syntax to use near '"dvwa"' at line 1
MariaDB [(none)]> create user 'userDVWA'@'127.0.0.1' identified by "dvwa";
Query OK, 0 rows affected (0.008 sec)

MariaDB [(none)]> grant all privileges on dvwa.* to 'userDVWA'@'127.0.0.1' identified by "dv
wa";
Query OK, 0 rows affected (0.007 sec)

MariaDB [(none)]> exit
Bye
```

Рис. 2.8: Новый пользователь

8. Перешла в директорию. (рис. 2.9)

```
(galeginkikh@kali)-[~]
$ cd /etc/php/8.2/apache2

(galeginkikh@kali)-[/etc/php/8.2/apache2]
$
```

Рис. 2.9: apache2

9. В файле `php.ini` изменила один параметр. (рис. 2.10)

```

; ;;;;;;;;;;;;;;;;;;;;;;;;;;
; ; Fopen wrappers ;
; ;;;;;;;;;;;;;;;;;;;;;;;;;;

; 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
```

Рис. 2.10: Параметр

10. Запустила службу веб-сервера `apache`. (рис. 2.11)

```
(galeginkikh@kali) - [/etc/php/8.2/apache2]
$ sudo systemctl start apache2

(galeginkikh@kali) - [/etc/php/8.2/apache2]
$ systemctl status start apache2
Unit start.service could not be found.
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; disabled; preset: disabled)
   Active: active (running) since Fri 2024-09-20 18:24:17 MSK; 26s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 25843 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
    Main PID: 25867 (apache2)
       Tasks: 6 (limit: 5791)
      Memory: 19.8M (peak: 20.1M)
         CPU: 67ms
    CGroup: /system.slice/apache2.service
            └─25867 /usr/sbin/apache2 -k start
              └─25870 /usr/sbin/apache2 -k start
                └─25871 /usr/sbin/apache2 -k start
                  └─25872 /usr/sbin/apache2 -k start
                    └─25873 /usr/sbin/apache2 -k start
                      └─25874 /usr/sbin/apache2 -k start

Sep 20 18:24:17 kali systemd[1]: Starting apache2.service - The Apache HTTP Server...
Sep 20 18:24:17 kali systemd[1]: Started apache2.service - The Apache HTTP Server.
```

Рис. 2.11: Запуск веб-сервера

11. Зашла в веб-сервер. (рис. 2.12)

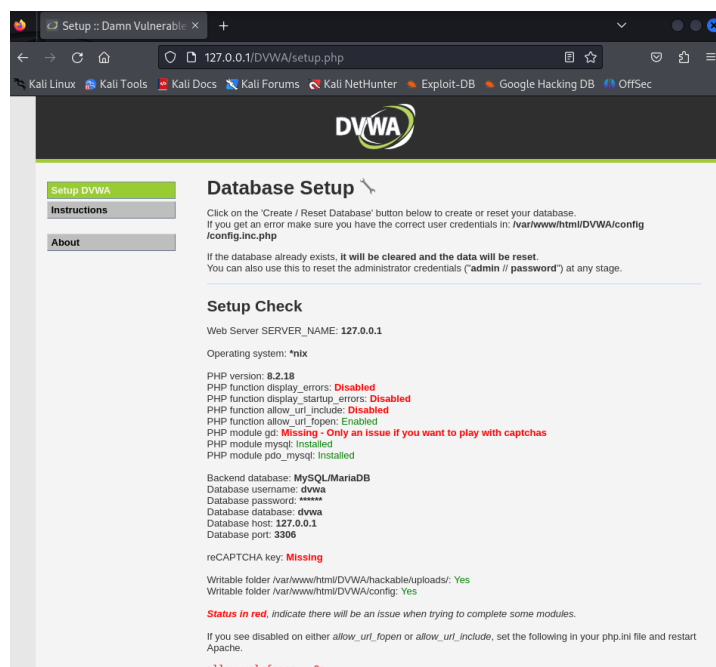


Рис. 2.12: Веб-сервер

12. Авторизовалась. (рис. 2.13)

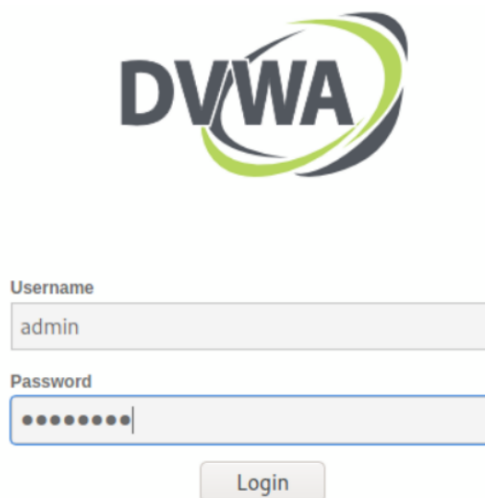


Рис. 2.13: Авторизация

3 Вывод

Преобрела практические навыки по установке DVWA.