

# **Индивидуальный проект**

**Этап 2**

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## **Цель работы**

Целью данной работы является установка DVWA в гостевую систему к Kali Linux

# Выполнение лабораторной работы

Установка DVWA в гостевую систему к Kali Linux (рис. [-@fig:001] - [-@fig:006]).

```
(kali㉿kali)-[~]
└─$ git clone https://github.com/digininja/DVWA.git
Cloning into 'DVWA' ... language-based on (https://github.com/digininja/DVWA.git)
remote: Enumerating objects: 4784, done.
remote: Counting objects: 100% (334/334), done.
remote: Compressing objects: 100% (187/187), done.
remote: Total 4784 (delta 185), reused 266 (delta 139), pack-reused 4450 (from 1)
Receiving objects: 100% (4784/4784), 2.36 MiB | 1.53 MiB/s, done.
Resolving deltas: 100% (2296/2296), done.
```

Рис. 1: Скачивание DVWA из репозитория

```
(kali㉿kali)-[~]
└─$ sudo bash -c "$(curl --fail --show-error --silent --location https://raw.githubusercontent.com/IamCarron/DVWA-Script/main/Install-DVWA.sh)"
[sudo] password for kali:

DVWA
INSTALLER

install script written by IamCarron and run it

Welcome to the DVWA setup!
Script Name: Install-DVWA.sh
Author: IamCarron
Github Repo: https://github.com/IamCarron/DVWA-Script
Installer Version: 1.0.5

Updating repositories ...
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [20.1 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [49.2 MB]
```

Рис. 2: Установка DVWA с помощью команды

```

Downloading DVWA from GitHub...
Cloning into '/var/www/html/DVWA' ...
remote: Enumerating objects: 4784, done.
remote: Counting objects: 100% (334/334), done.
remote: Compressing objects: 100% (187/187), done.
remote: Total 4784 (delta 185), reused 266 (delta 139), pack-reused 4450 (from 1)
Receiving objects: 100% (4784/4784), 2.36 MiB | 1.29 MiB/s, done.
Resolving deltas: 100% (2296/2296), done.
Enabling MariaDB...
Starting MariaDB...

Default credentials: are correct but the user does not exist
Username: root
Password: [No password just hit Enter]
Enter SQL user:

```

Рис. 3: Завершение установки

```


(kali@kali)-[~]
$ sudo apt install -y apache2 mariadb-server mariadb-client php php-mysqli
php-gd libapache2-mod-php

Note, selecting 'php8.2-mysql' instead of 'php-mysqli'
apache2 is already the newest version (2.4.62-1).
apache2 set to manually installed.
php is already the newest version (2:8.2+93+nmu1).
php set to manually installed.
php8.2-mysql is already the newest version (8.2.23-1).
php8.2-mysql set to manually installed.
php-gd is already the newest version (2:8.2+93+nmu1).
libapache2-mod-php is already the newest version (2:8.2+93+nmu1).
libapache2-mod-php set to manually installed.
Upgrading:
  libmariadb3                mariadb-plugin-provider-lzma
  mariadb-client             mariadb-plugin-provider-lzo
  mariadb-client-core        mariadb-plugin-provider-snappy
  mariadb-common             mariadb-server
  mariadb-plugin-provider-bzip2 mariadb-server-compat
  mariadb-plugin-provider-lz4  mariadb-server-core
Summary:
  Upgrading: 12, Installing: 0, Removing: 0, Not Upgrading: 894
  Download size: 15.3 MB
  Space needed: 1,211 kB / 64.3 GB available

Get:1 http://kali.download/kali kali-rolling/main amd64 mariadb-common all 1:
11.4.3-1 [27.1 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 mariadb-server-compat
all 1:11.4.3-1 [26.1 kB]
Get:3 http://kali.download/kali kali-rolling/main amd64 mariadb-server amd64
1:11.4.3-1 [3,550 kB]
Get:7 http://mirror.cs.spacehostings.com/kali kali-rolling/main amd64 libmariad
b3 amd64 1:11.4.3-1 [181 kB]
Get:4 http://kali.download/kali kali-rolling/main amd64 mariadb-server-core a
md64 1:11.4.3-1 [7,517 kB]
Get:5 http://kali.download/kali kali-rolling/main amd64 mariadb-client-core a
md64 1:11.4.3-1 [891 kB]
Get:6 http://kali.download/kali kali-rolling/main amd64 mariadb-client amd64

```

Рис. 4: Скачивание необходимых пакетов



Username

Password

Login

Рис. 5: Вход в DVWA

Setup DVWA

Instructions

About

## 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: **8.2.23**  
PHP function display\_errors: **Enabled**  
PHP function display\_startup\_errors: **Enabled**  
PHP function allow\_url\_include: **Enabled**  
PHP function allow\_url\_fopen: **Enabled**  
PHP module gd: **Installed**  
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/`: **Yes**  
Writable folder `/var/www/html/DVWA/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

Рис. 6: Создание базы данных





Рис. 7: Завершение установки

## **Выводы**

Я установила DVWA в гостевую систему к Kali Linux.

## **Список литературы**