

Отчёт по индивидуальному проекту. Этап 2

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Информация

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Цели и задачи работы

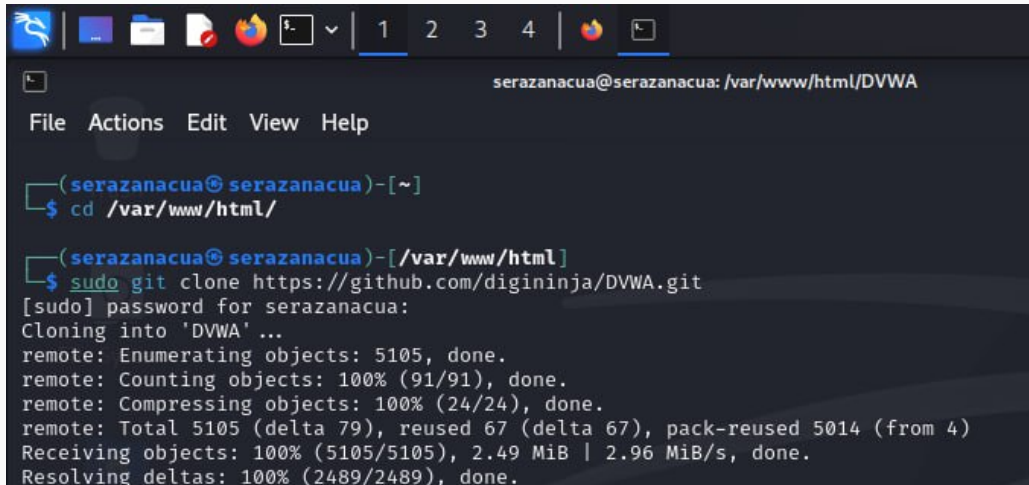
Цель лабораторной работы

Установка DVWA в гостевой системе Kali Linux.

Процесс выполнения лабораторной работы

Клонируем репозиторий

Клонируем репозиторий git: `sudo git clone`
`https://github.com/digininja/DVWA.git`.



The screenshot shows a terminal window with a dark background. The top bar displays system icons and window tabs. The terminal title is `serazanacua@serazanacua: /var/www/html/DVWA`. The menu bar includes `File`, `Actions`, `Edit`, `View`, and `Help`. The terminal output shows the user navigating to `/var/www/html/` and running `sudo git clone https://github.com/digininja/DVWA.git`. The system prompts for a password, and the cloning process proceeds, displaying progress for enumerating, counting, and compressing objects, as well as receiving and resolving deltas.

```
(serazanacua@serazanacua)-[~]  
$ cd /var/www/html/  
  
(serazanacua@serazanacua)-[/var/www/html]  
$ sudo git clone https://github.com/digininja/DVWA.git  
[sudo] password for serazanacua:  
Cloning into 'DVWA' ...  
remote: Enumerating objects: 5105, done.  
remote: Counting objects: 100% (91/91), done.  
remote: Compressing objects: 100% (24/24), done.  
remote: Total 5105 (delta 79), reused 67 (delta 67), pack-reused 5014 (from 4)  
Receiving objects: 100% (5105/5105), 2.49 MiB | 2.96 MiB/s, done.  
Resolving deltas: 100% (2489/2489), done.
```

Скопируем файл

Скопируем файл конфигурации и переименуем его: `cp config.inc.php.dist config.inc.php`.

```
serazanacua@serazanacua: /usr/www/html/DVWA
File Actions Edit View Help
?php

# If you are having problems connecting to the MySQL database and all of the variables below are correct
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a problem due to sockets.
# Thanks to @digininja for the fix.

# Database management system to use
$DBMS = getenv('DBMS') ? : 'MySQL';
#DBMS = 'PostgreSQL'; // 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'] = getenv('DB_DATABASE') ? : 'dvwa';
$_DVWA['db_user'] = getenv('DB_USER') ? : 'dvwa';
$_DVWA['db_password'] = getenv('DB_PASSWORD') ? : 'p@ssw0rd';
$_DVWA['db_port'] = getenv('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'] = getenv('RECAPTCHA_PUBLIC_KEY') ? : '';
$_DVWA['recaptcha_private_key'] = getenv('RECAPTCHA_PRIVATE_KEY') ? : '';

# Default security level
# Default value for the security level with each session.
# The default is 'impossible'. You may wish to set this to either 'low', 'medium', 'high' or 'impossible'.
$_DVWA['default_security_level'] = getenv('DEFAULT_SECURITY_LEVEL') ? : 'impossible';

# Default locale
# Default locale for the help page shown with each session.
# The default is 'en'. You may wish to set this to either 'en' or 'zh'.
$_DVWA['default_locale'] = getenv('DEFAULT_LOCALE') ? : 'en';

# Disable authentication
# Some tools don't like working with authentication and passing cookies around
# so this setting lets you turn off authentication.
$_DVWA['disable_authentication'] = getenv('DISABLE_AUTHENTICATION') ? : false;

define('MYSQL', 'mysql');
define('SQLITE', 'sqlite');

# SQLi DB Backend
# Use this to switch the backend database used in the SQLi and Blind SQLi labs.
# This does not affect the backend for any other services, just these two labs.
```


Установка mariadb

Установим mariadb

```
(root@serazanacua)-[/etc/php/8.2/apache2]
# vim php.ini

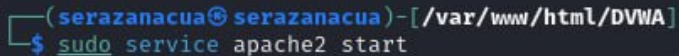
(root@serazanacua)-[/etc/php/8.2/apache2]
# apt update
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [20.7 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [49.3 MB]
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [115 kB]
Get:5 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [26 7 kB]
Get:6 http://kali.download/kali kali-rolling/non-free amd64 Packages [203 kB]
Get:7 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [8 84 kB]
Get:8 http://kali.download/kali kali-rolling/non-free-firmware amd64 Packages [10.8 kB]
Get:9 http://kali.download/kali kali-rolling/non-free-firmware amd64 Contents (deb) [24.3 kB]
Fetched 71.5 MB in 37s (1,915 kB/s)
1529 packages can be upgraded. Run 'apt list --upgradable' to see them.

(root@serazanacua)-[/etc/php/8.2/apache2]
# apt install php-gd
```

Рис. 3: Установка mariadb

Запустив сервер Apache

Запустив сервер Apache : `sudo service apache2 start`

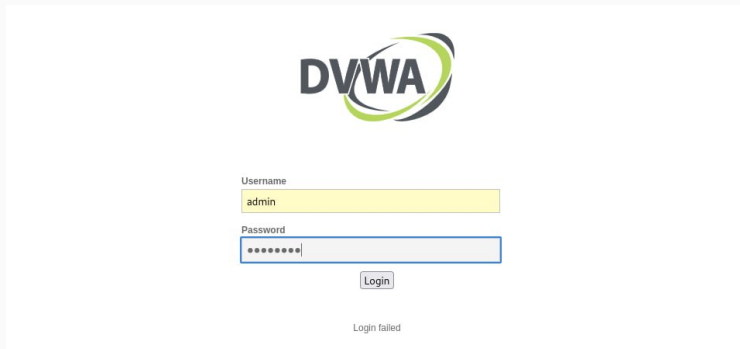
A terminal window with a dark background. The prompt is `(serazanacua@serazanacua)-[/var/www/html/DVWA]`. The command `$ sudo service apache2 start` is entered.

```
(serazanacua@serazanacua)-[/var/www/html/DVWA]  
$ sudo service apache2 start
```

Рис. 4: Запустим базу

Создание базу данных

Давайте нажмем create, чтобы создать базу данных. Затем введите имя пользователя и пароль



The image shows the DVWA (Damn Vulnerable Web Application) login page. At the top center is the DVWA logo, which consists of the letters 'DVWA' in a bold, black, sans-serif font, with a green and black circular graphic element to its right. Below the logo are two input fields. The first is labeled 'Username' and contains the text 'admin'. The second is labeled 'Password' and contains a series of dots, indicating a masked password. Below these fields is a 'Login' button. At the bottom of the page, the text 'Login failed' is displayed.

Рис. 5: Запустим базу

Выводы по проделанной работе

В ходе выполнения данной лабораторной работы, я установила DVWA в гостевой системе Kali Linux.

1. Парасрам, Ш. Kali Linux: Тестирование на проникновение и безопасность : Для профессионалов. Kali Linux / Ш. Парасрам, А. Замм, Т. Хериянто, и др. – Санкт-Петербург : Питер, 2022. – 448 сс..