Front matter

lang: ru-RUtitle: "personal project#2"subtitle: "Дисциплина: Основы информационной безопасности"author: "Георгес Гедеон"

Formatting

toc-title: "Содержание"toc: true # Table of contentstoc_depth: 2lof: true # Список рисунковlot: true # Список таблицfontsize: 12ptlinestretch: 1.5papersize: a4paperdocumentclass: scrreprtpolyglossia-lang: russianpolyglossia-otherlangs: englishmainfont: PT Serifromanfont: PT Serifsansfont: PT Sansmonofont: PT Monomainfontoptions: Ligatures=TeXromanfontoptions: Ligatures=TeXsansfontoptions: Ligatures=TeX,Scale=MatchLowercasemonofontoptions: Scale=MatchLowercaseindent: truepdf-engine: lualatexheader-includes:

- \linepenalty=10 # the penalty added to the badness of each line within a paragraph (no associated penalty node) Increasing the value makes tex try to have fewer lines in the paragraph.
- \interlinepenalty=0 # value of the penalty (node) added after each line of a paragraph.
- \hyphenpenalty=50 # the penalty for line breaking at an automatically inserted hyphen
- \exhyphenpenalty=50 # the penalty for line breaking at an explicit hyphen
- \binoppenalty=700 # the penalty for breaking a line at a binary operator
- \relpenalty=500 # the penalty for breaking a line at a relation
- \clubpenalty=150 # extra penalty for breaking after first line of a paragraph
- \widowpenalty=150 # extra penalty for breaking before last line of a paragraph
- \displaywidowpenalty=50 # extra penalty for breaking before last line before a display math
- \brokenpenalty=100 # extra penalty for page breaking after a hyphenated line
- \predisplaypenalty=10000 # penalty for breaking before a display
- \postdisplaypenalty=0 # penalty for breaking after a display

- \floatingpenalty = 20000 # penalty for splitting an insertion (can only be split footnote in standard LaTeX)
- \raggedbottom # or \flushbottom
- \usepackage{float} # keep figures where there are in the text
- \floatplacement{figure}{H} # keep figures where there are in the text

Цель работы

Приобретение практического навыка установки и развертывания веб-приложений DVWA в гостевую систему к Kali Linux.

Выполнение работы

Перейдем в директорию /var/www/html/ и склонируем репозиторий командой: "git clone https://github.com/digininja/DVWA.git"

Перейдем в директорию config и скопируем содержимое файла config.inc.php.dist в файл config.inc.php командой: "cp config.inc.php.dist config.inc.php":

Откроем файл с помощью команды: "nano config.inc.php"

```
GNU nano 8.1                          config.inc.php
<?php

# If you are having problems connecting to the MySQL database and all of the va>
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a pr>
#    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 >
#   Please use a database dedicated to DVWA.
#
# If you are using MariaDB then you cannot use root, you must use create a dedi>
#   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' ]     = 'dvwa';
                    [ Read 56 lines (converted from DOS format) ]
^G Help      ^O Write Out ^F Where Is ^K Cut       ^T Execute  ^C Location
^X Exit      ^R Read File ^\ Replace  ^U Paste     ^J Justify  ^/ Go To Line
```

Теперь перейдем к созданию базы данных и пользователя в
соответствии с файлом config.inc.php:


```
root@kali: /var/www/html/DVWA/config
File Actions Edit View Help
  ┌──(root㉿kali)-[/var/www/html/DVWA/config]
  └─# mysql
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 31
Server version: 11.4.2-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 database dvwa;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> create user dvwa@localhost identified by 'p@ssw0rd';
Query OK, 0 rows affected (0.011 sec)

MariaDB [(none)]> grant all on dvwa.* to dvwa@localhost;
Query OK, 0 rows affected (0.010 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.002 sec)
```

Для корректной работы переменные allow_url_include и allow_url_fopen
должны иметь значения On.

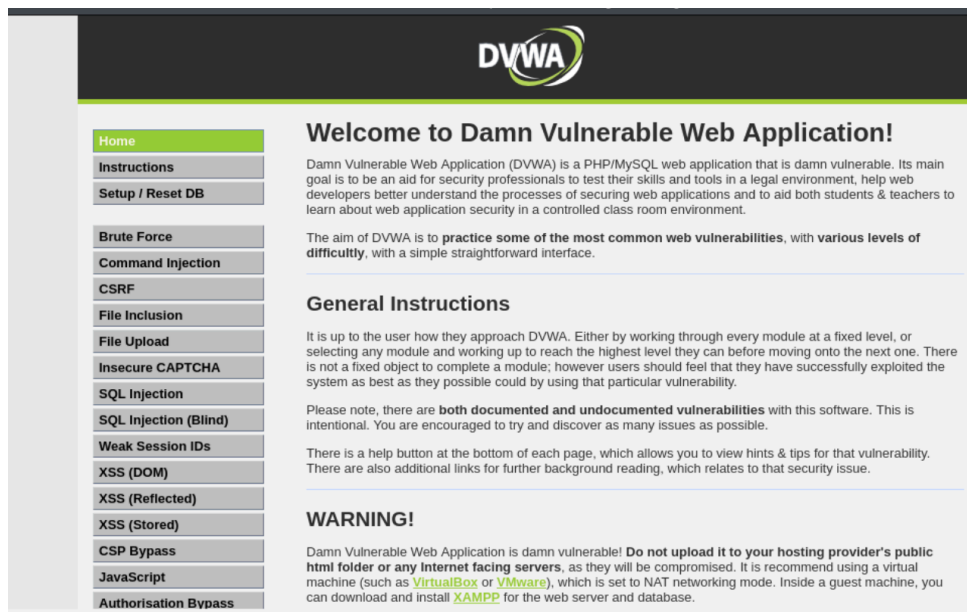Теперь перейдем по адресу https://127.0.0.1/DVWA/login.php.

В форму авторизации введем имя пользователя-admin и пароль-password.
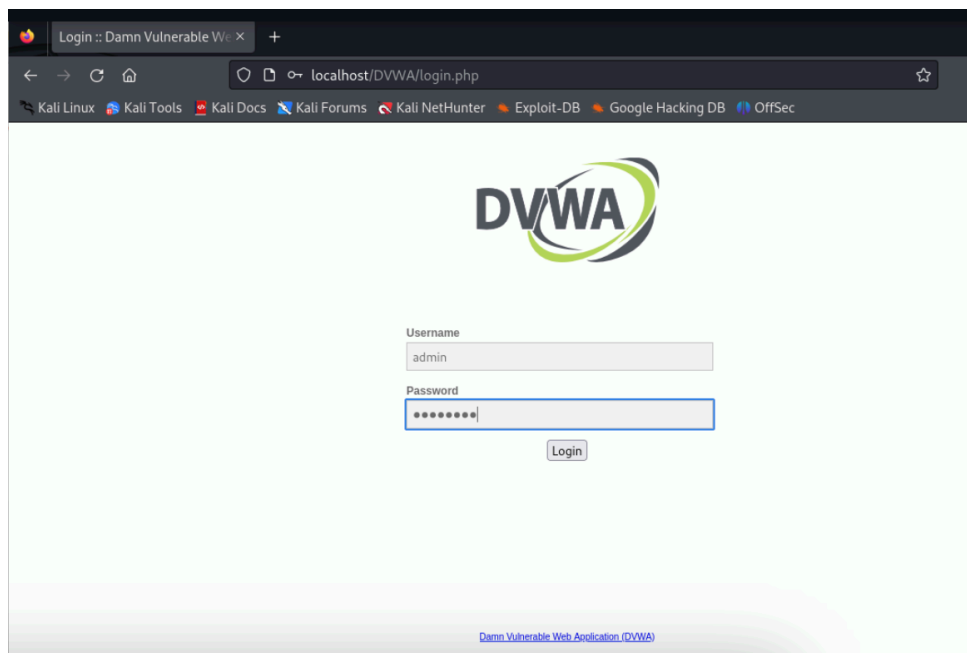
Перейдя на страницу приложения, прокрутим ее вниз до кнопки "Create / Reset Database" и нажмем на нее. После авторизуемся повторно:
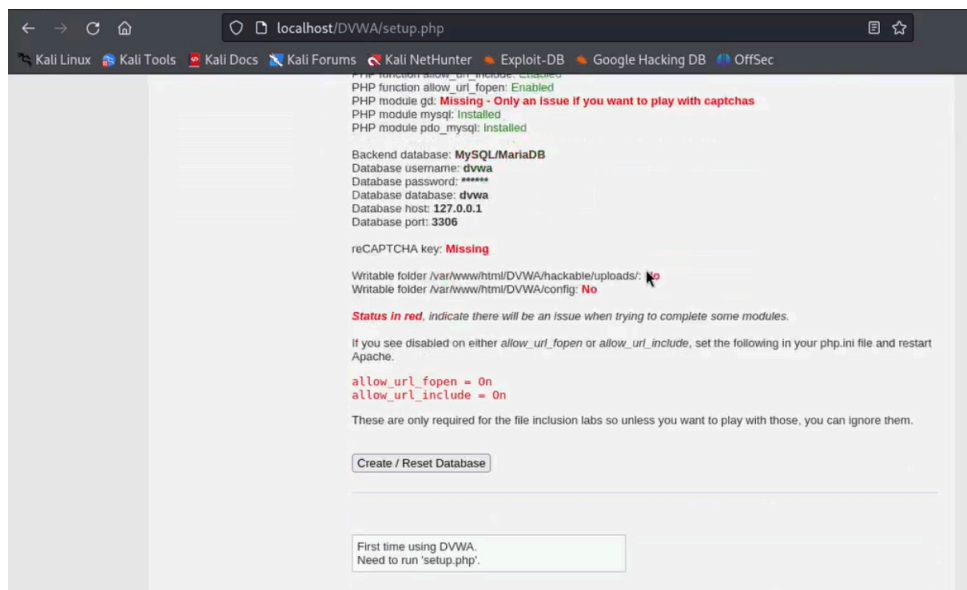
Веб-приложение DVWA установлено.

Вывод

Я приобрел практический навык установки и развертывания веб-приложений DVWA в гостевую систему к Kali Linux.