

# Презентация по этапу №2

Установка DVWA

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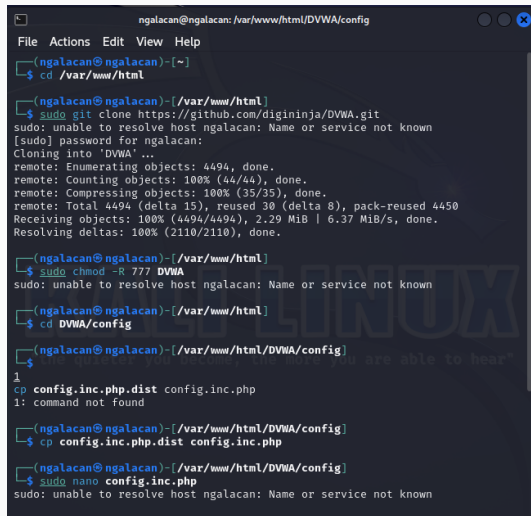
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Установить DVWA в гостевую систему к Kali Linux.

# Выполнение лабораторной работы



```
ngalacan@ngalacan: /var/www/html/DVWA/config
File Actions Edit View Help

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

(ngalacan@ngalacan)-[/var/www/html]
$ sudo git clone https://github.com/digininja/DVWA.git
sudo: unable to resolve host ngalacan: Name or service not known
[sudo] password for ngalacan:
Cloning into 'DVWA'...
remote: Enumerating objects: 4494, done.
remote: Counting objects: 100% (44/44), done.
remote: Compressing objects: 100% (35/35), done.
remote: Total 4494 (delta 15), reused 30 (delta 8), pack-reused 4450
Receiving objects: 100% (4494/4494), 2.29 MiB | 6.37 MiB/s, done.
Resolving deltas: 100% (2110/2110), done.

(ngalacan@ngalacan)-[/var/www/html]
$ sudo chmod -R 777 DVWA
sudo: unable to resolve host ngalacan: Name or service not known

(ngalacan@ngalacan)-[/var/www/html]
$ cd DVWA/config

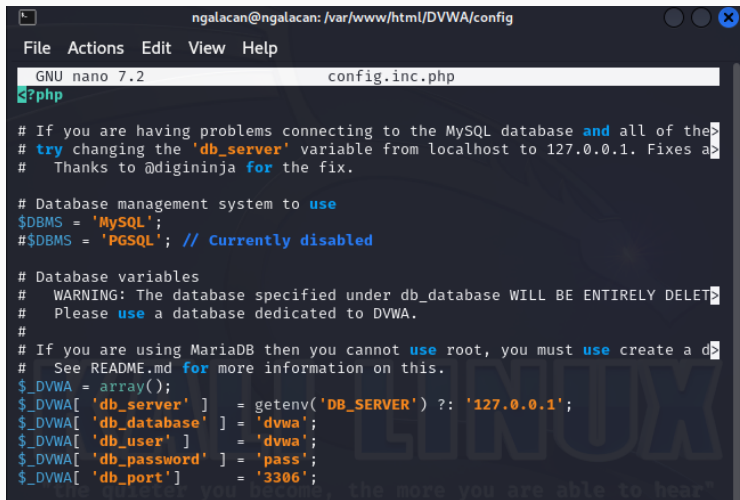
(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ cp config.inc.php.dist config.inc.php
1: command not found

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

(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ sudo nano config.inc.php
sudo: unable to resolve host ngalacan: Name or service not known
```

Рис. 1: Клонирование репозитория и настройка

## Выполнение лабораторной работы



```
ngalacan@ngalacan: /var/www/html/DVWA/config
File Actions Edit View Help
GNU nano 7.2 config.inc.php
<?php

# If you are having problems connecting to the MySQL database and all of the
# try changing the 'db_server' variable from localhost to 127.0.0.1. Fixes a
# 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 d
# 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';
$_DVWA[ 'db_password' ] = 'pass';
$_DVWA[ 'db_port' ] = '3306';
```

Рис. 2: Изменение пароля в файле конфигурации

```
(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ sudo apt-get update
sudo: unable to resolve host ngalacan: Name or service not known
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [19.9 MB]
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [47.3 MB]
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [121 kB]
Get:5 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [261 kB]
Get:6 http://kali.download/kali kali-rolling/non-free amd64 Packages [194 kB]
Get:7 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [885 kB]
Fetched 68.6 MB in 13s (5472 kB/s)
Reading package lists ... Done

(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ sudo apt-get -y install apache2 mariadb-server php php-mysqli php-gd libapache2-mod-php

sudo: unable to resolve host ngalacan: Name or service not known
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
Note, selecting 'php8.2-mysql' instead of 'php-mysqli'
php is already the newest version (2:8.2+93).
php set to manually installed.
libapache2-mod-php is already the newest version (2:8.2+93).
libapache2-mod-php set to manually installed.
The following additional packages will be installed:
```

Рис. 3: Установка mariadb

```
(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ sudo service mysql start
sudo: unable to resolve host ngalacan: Name or service not known

(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$ sudo mysql -u root -p
sudo: unable to resolve host ngalacan: Name or service not known
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 53
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 user 'dvwa'@'127.0.0.1' identified by 'pass';
Query OK, 0 rows affected (0.008 sec)

MariaDB [(none)]> grant all privileges on dvwa.* to 'dvwa'@'127.0.0.1' identified by 'pass';
Query OK, 0 rows affected (0.006 sec)

MariaDB [(none)]> exit
Bye

(ngalacan@ngalacan)-[/var/www/html/DVWA/config]
$
```

Рис. 4: Создание пользователя базы данных

```
(ngalacan@ngalacan)-[/etc/php]
$ cd /etc/php/8.2/apache2

(ngalacan@ngalacan)-[/etc/php/8.2/apache2]
$ sudo mousepad php.ini
sudo: unable to resolve host ngalacan: Name or service not known

(mousepad:20148): Gtk-WARNING **: 13:55:15.761: Negative content width -13 (a
llocation 1, extents 7x7) while allocating gadget (node button, owner GtkTogg
leButton)

(mousepad:20148): Gtk-WARNING **: 13:55:15.761: Negative content height -5 (a
llocation 1, extents 3x3) while allocating gadget (node button, owner GtkTogg
leButton)

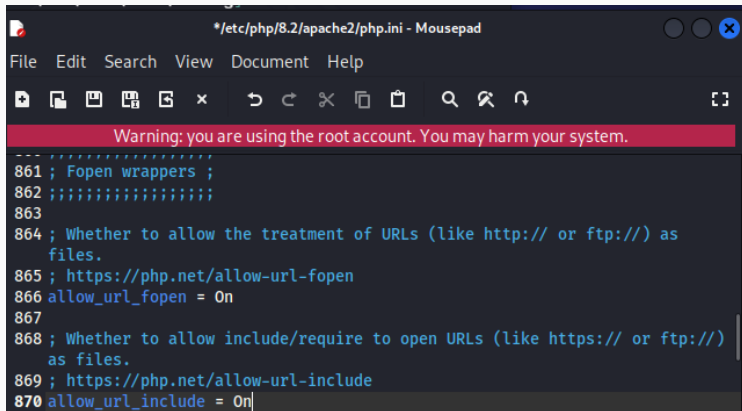
(ngalacan@ngalacan)-[/etc/php/8.2/apache2]
$ sudo service apache2 start
sudo: unable to resolve host ngalacan: Name or service not known

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

Рис. 5: Настройка сервера Apache



## Выполнение лабораторной работы



```
*etc/php/8.2/apache2/php.ini - Mousepad
File Edit Search View Document Help
Warning: you are using the root account. You may harm your system.
861 ; Fopen wrappers ;
862 ;;;;;;;;;;;;;;
863
864 ; Whether to allow the treatment of URLs (like http:// or ftp://) as
    files.
865 ; https://php.net/allow-url-fopen
866 allow_url_fopen = On
867
868 ; Whether to allow include/require to open URLs (like https:// or ftp://)
    as files.
869 ; https://php.net/allow-url-include
870 allow_url_include = On
```

Рис. 6: Включение параметров в файле php.ini

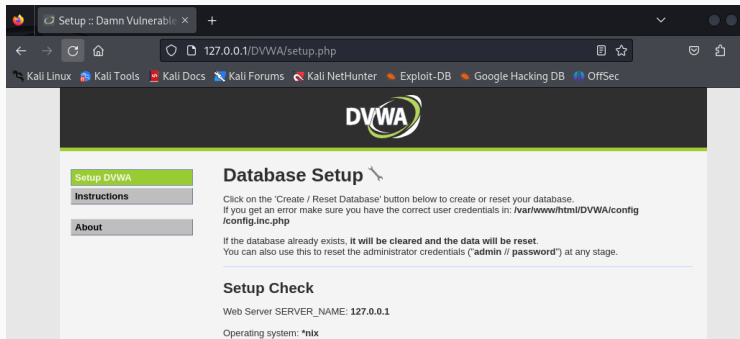


Рис. 7: Открытие настройки DVWA в браузере

# Выполнение лабораторной работы

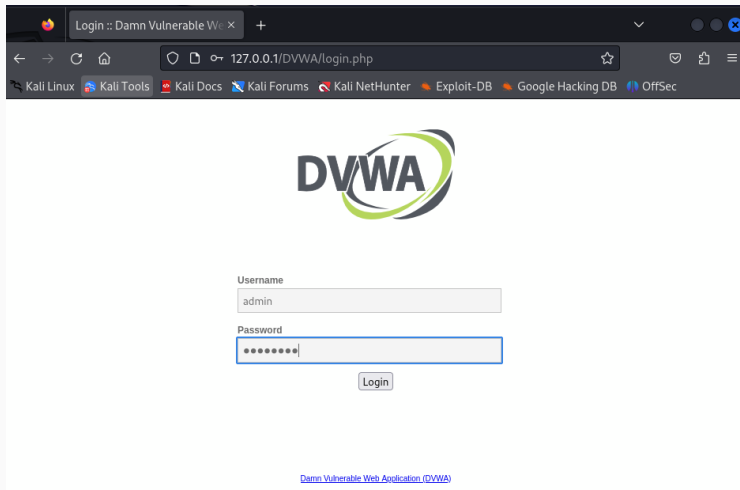


Рис. 8: Страница входа в DVWA

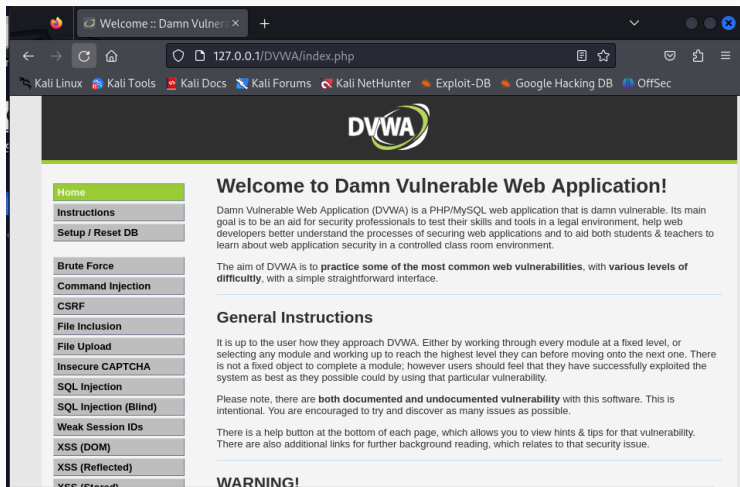


Рис. 9: Основная страница DVWA

Приобретены навыки установки и настройки намеренно уязвимого веб-приложения DVWA на Kali Linux.