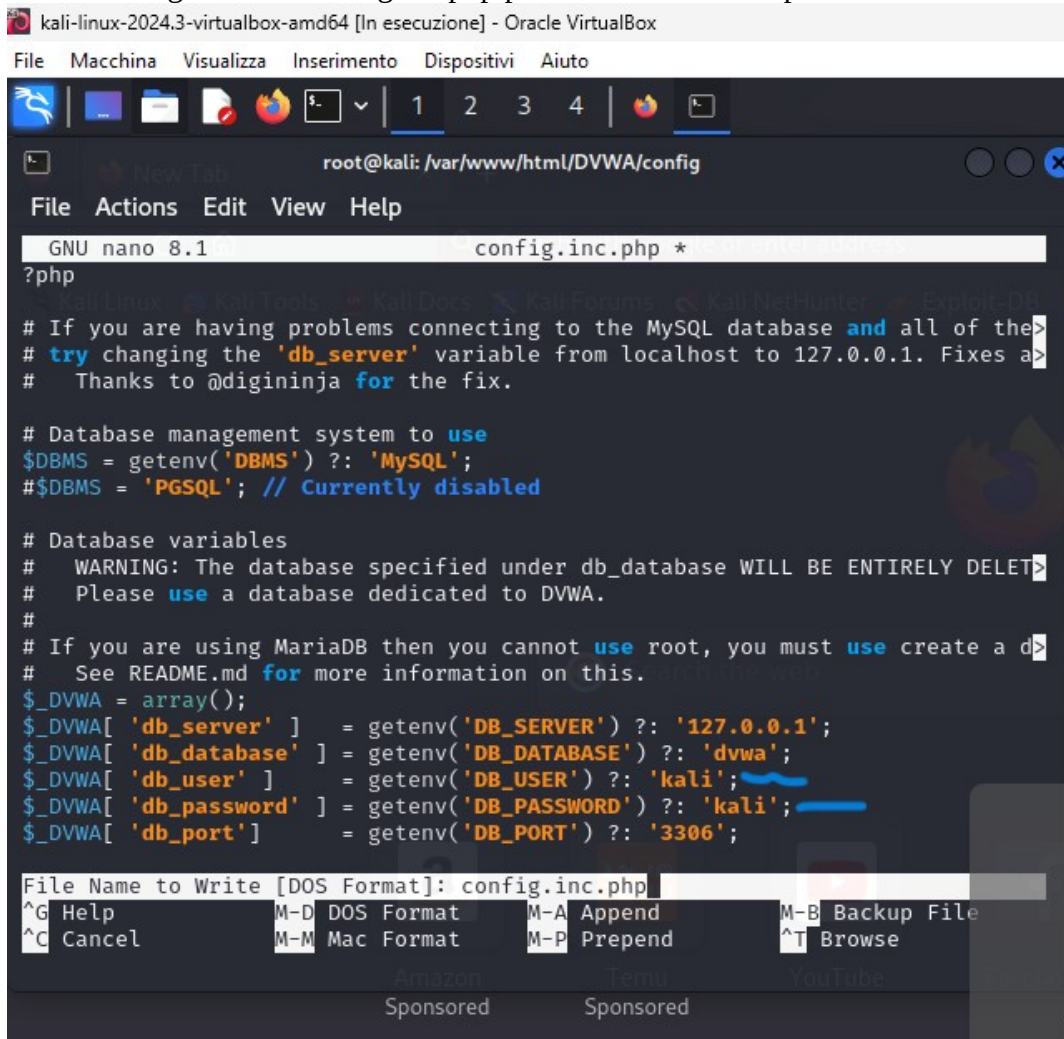


## S3/L3 PREPARAZIONE AMBIENTE

Ho aperto la VirtualBox e di conseguenza la macchina virtuale Kali Linux. In seguito dalle impostazioni ho connesso la scheda di rete a **scheda con bridge** ed ho avviato la macchina. Successivamente ho aperto il browser e dopo il terminale, ed ho eseguito vari comandi come **sudo su** per rimuovere i privilegi di amministrazione e poi i seguenti:

```
cd /var/www/html
git clone https://github.com/digininja/DVWA
chmod 777 DVWA/
cd DVWA/config
cp config.inc.php.dist config.inc.php
```

Infine ho eseguito nano config.inc.php per modificare user e password attraverso il terminale.



```
kali-linux-2024.3-virtualbox-amd64 [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

root@kali: /var/www/html/DVWA/config
File Actions Edit View Help

GNU nano 8.1 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.

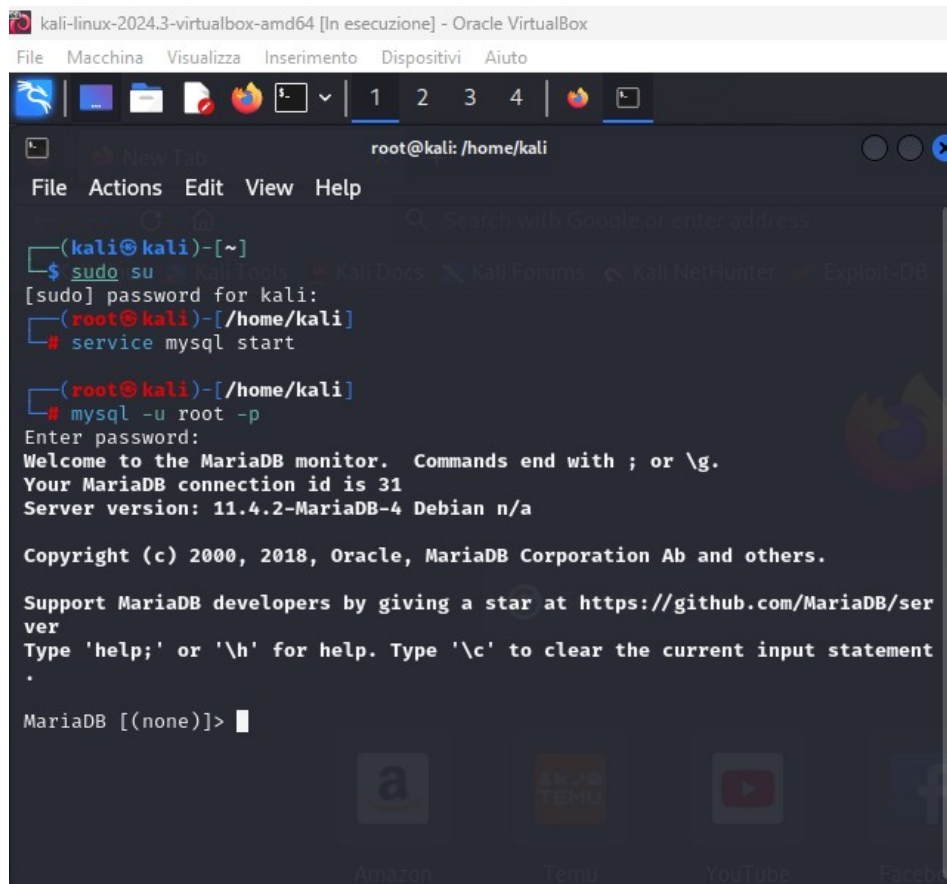
# Database management system to use
$DBMS = getenv('DBMS') ?: 'MySQL';
#$DBMS = 'PGSQL'; // Currently disabled

# 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 database
# 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') ?: 'kali';
$_DVWA['db_password'] = getenv('DB_PASSWORD') ?: 'kali';
$_DVWA['db_port'] = getenv('DB_PORT') ?: '3306';

File Name to Write [DOS Format]: config.inc.php
^G Help M-D DOS Format M-A Append M-B Backup File
^C Cancel M-M Mac Format M-P Prepend ^T Browse

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```

Aprendo un'altra finestra di terminale ho fatto partire il servizio **mysql** e mi sono connesso al database.



```
kali-linux-2024.3-virtualbox-amd64 [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

root@kali: /home/kali

(kali@kali)-[~]
$ sudo su
[sudo] password for kali:
(root@kali)-[/home/kali]
# service mysql start

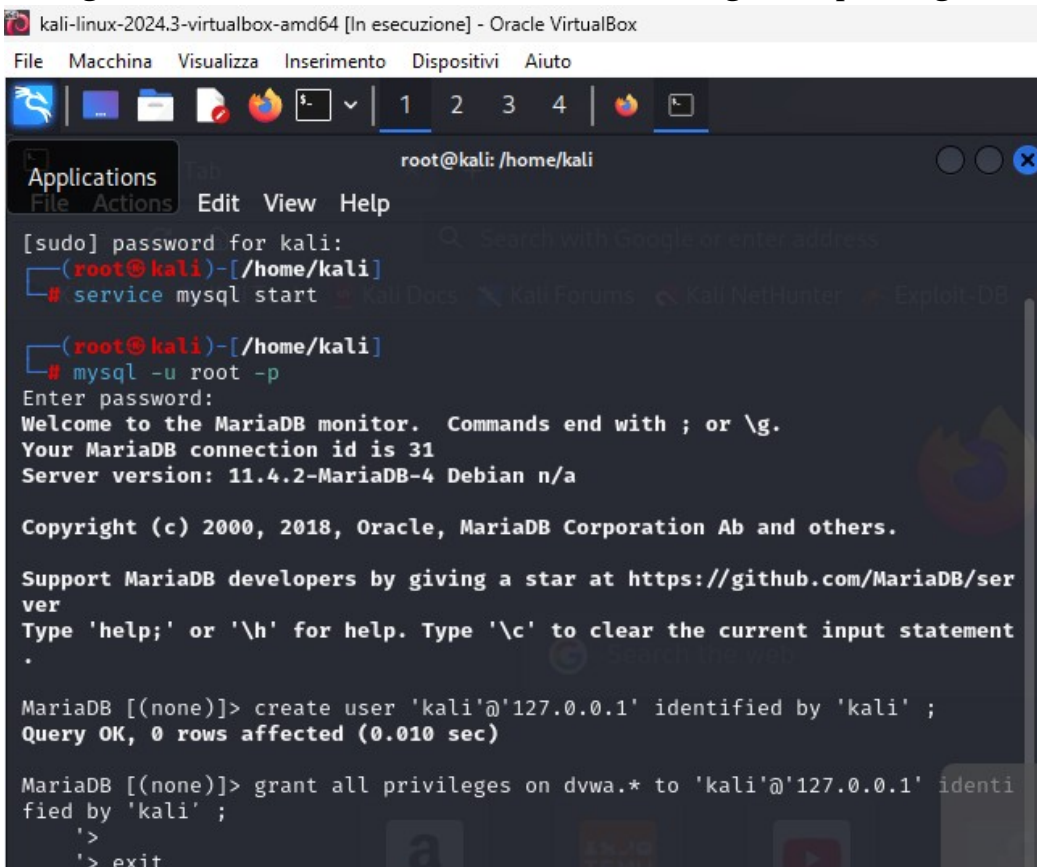
(root@kali)-[/home/kali]
# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 31
Server version: 11.4.2-MariaDB-4 Debian n/a

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)]>
```

In seguito ho creato un'utenza sul db ed ho assegnato i privilegi all'utente



```
kali-linux-2024.3-virtualbox-amd64 [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

Applications
File Actions Edit View Help

root@kali: /home/kali

[sudo] password for kali:
(root@kali)-[/home/kali]
# service mysql start

(root@kali)-[/home/kali]
# mysql -u root -p
Enter password:
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

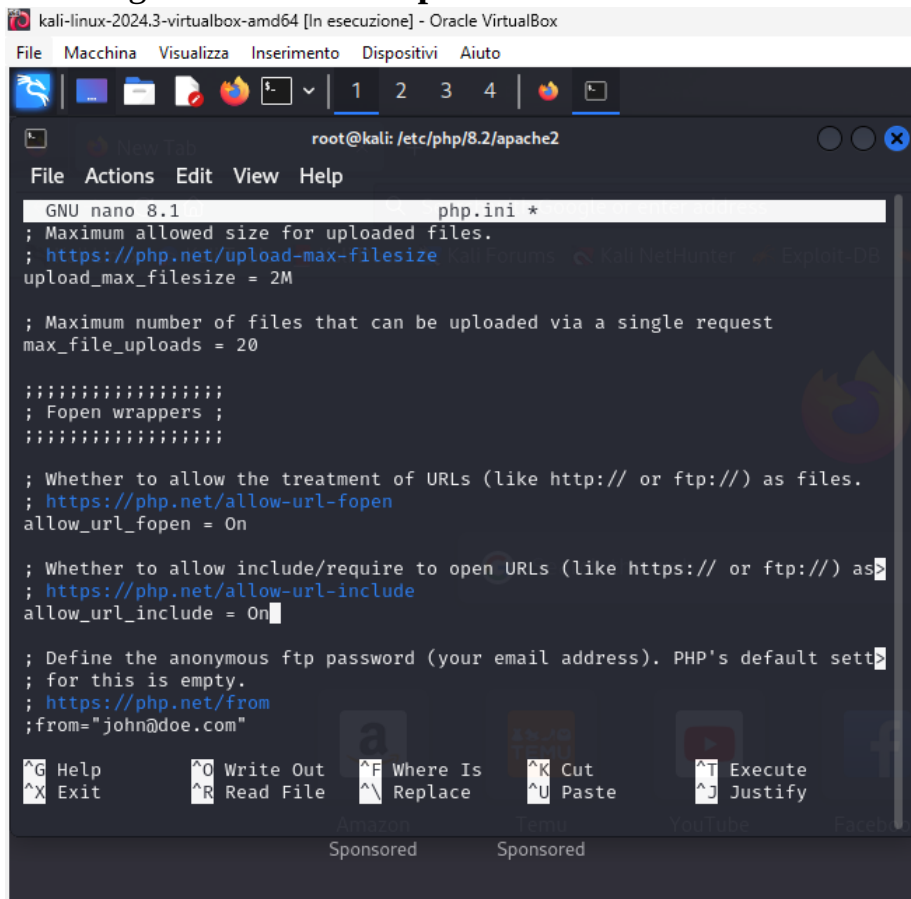
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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 user 'kali'@'127.0.0.1' identified by 'kali' ;
Query OK, 0 rows affected (0.010 sec)

MariaDB [(none)]> grant all privileges on dvwa.* to 'kali'@'127.0.0.1' identified by 'kali' ;
'>
'> exit
```

## Ho configurato il servizio Apache



```
root@kali: /etc/php/8.2/apache2
GNU nano 8.1 php.ini *
; Maximum allowed size for uploaded files.
; https://php.net/upload-max-filesize
upload_max_filesize = 2M

; Maximum number of files that can be uploaded via a single request
max_file_uploads = 20

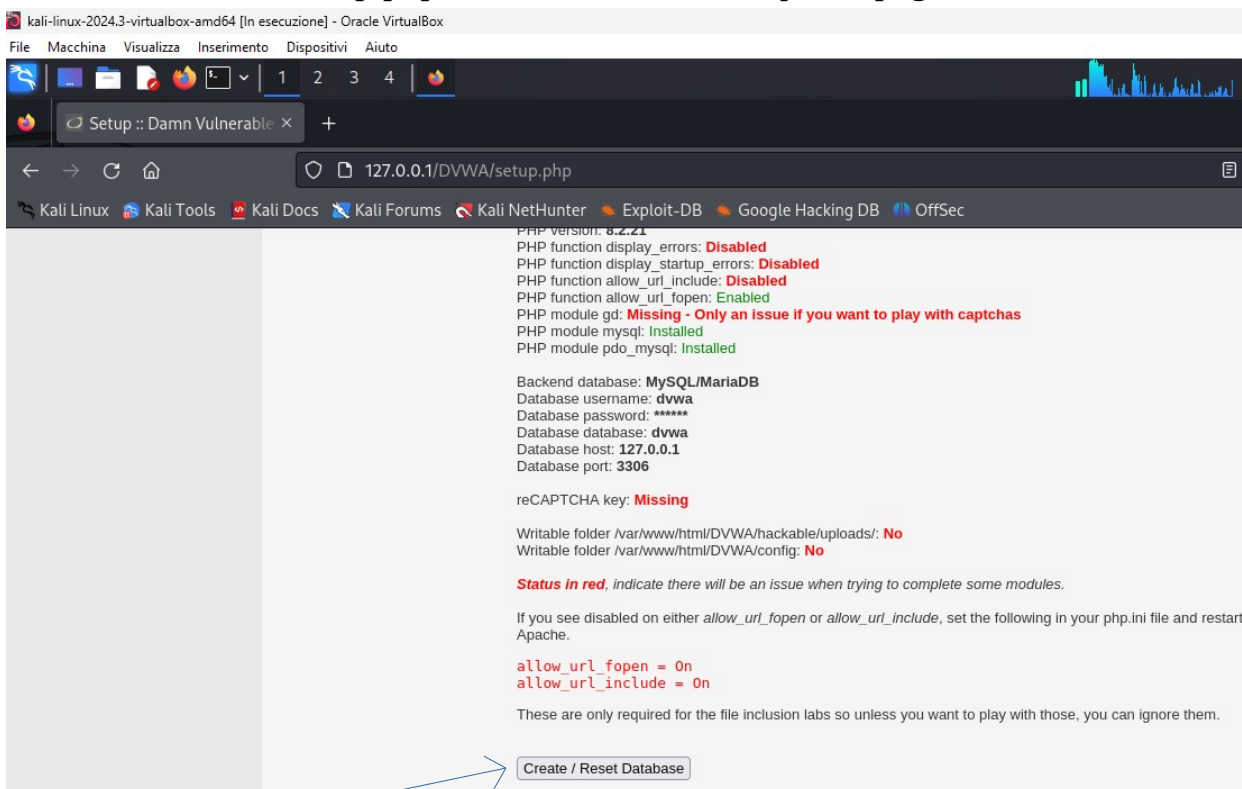
;;;;;;;;;;;;;;;;;;;;;;;;;
; Fopen wrappers ;
;;;;;;;;;;;;;;;;;;;;;;;;;

; 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
; https://php.net/allow-url-include
allow_url_include = On

; Define the anonymous ftp password (your email address). PHP's default sett
; for this is empty.
; https://php.net/from
;from="john@doe.com"
```

Dopo aver aperto il browser e scritto nella barra degli indirizzi  
“ 127.0.0.1/DVWA/setup.php ” e cercato ho trovato questa pagina



e cliccando qui...

...pagina bianca, questo è il risultato e non riesco ad andare avanti.

