Note: These notes list steps which are involved in setting up DVWA on Kali linux. These steps cover the videos, Part A, B and C.

1) In your Kali in AWS, download DVWA from Canvas

2) Unzip it

3) Apart from downloading from Canvs, you can also use

Git clone <http://github.com/ethicalhack3r/DVWA>

4) mv DVWA/ dvwa // change from capital names to small

5) Now you will need to cut dvwa and save it in a location which Apache server recognise. If you click on your filesystem, then etc, apache2, sites-enabled and open 000-default.conf. You will a path listed against DocumentRoot. That is where you will save your dvwa file for apache2 to run.

6) you can do it either through terminal from command prompt or simply cut the folder and browse to the location identified in step5 and paste it there.

7) start apache by service apache2 start

8) Then goto the browser and enter 127.0.0.1/dvwa/index.php;

a) if you get the following error

DVWA System error – config file not found. Copy config.config.inc.php.dist to config.config.inc.php and configure to your environment.

To fix this you will need to go to config folder, find the file config.config.inc.php.dist and rename to config.config.inc.php.

9) run it again 127.0.0.1/dvwa/index.php;

You will see few red texts, don’t worry we have a few more steps to do.

10) goto terminal

Service mysql startuse

11) Double check status of apache2 and mysql are in running status; service mysql status,

Use ctrl+c to go out

12) Click on create/Reset database, you will see two errors displays below it:

a) Could not connect to the MySQL service. Please check the config file

b) Your Database user is root, if you are using MariaDB, ths will not work. Plese read the

README.md file.

13) Goto your terminal as we need to do some settings

From inside the dvwa/config folder run the mysql command just by typing mysql and hit enter

You will notice the prompt will change to something like

MariaDB [(none)] >

Now you are in MariaDB version of mysql DB.

Enter command use mysql

MariaDB [(none)] this will change to MariaDB [(mysql)]

In MarisDB [(mysql)], create a user and run the following commands in the order listed below:

create user root2 identified by ‘password’;

grant all priviliges on \*.\* to root2;

update user set plugin=’’ where user=’root’;

flush priviliges

//when we grant some **privileges** for a user, running the command **flush privileges** will reloads the grant tables in the mysql database enabling the changes to take effect without reloading or restarting mysql service.

Then ctrl+c to exit

14) vim

Vim config.inc.php

Change following values

$\_DVWA[‘db\_user’] = ‘root2’;

$\_DVWA[‘db\_password’] = ‘password’;

Save the changes and exit

15) Click on the create/reset Database again in 127.0.0.1/dvwa/index.php

16) login is username: admin and password:password

17) once you finish you can stop apache2 and mysql

Service apache2 stop