



- Automatic recognition of password hash formats and support for **cracking them using a dictionary-based attack**.
- Support to **dump database tables** entirely, a range of entries or specific columns as per user's choice. The user can also choose to dump only a range of characters from each column's entry.
- Support to **search for specific database names, specific tables across all databases or specific columns across all databases' tables**. This is useful, for instance, to identify tables containing custom application credentials where relevant columns' names contain string like name and pass.
- Support to **download and upload any file** from the database server underlying file system when the database software is MySQL, PostgreSQL or Microsoft SQL Server.
- Support to **execute arbitrary commands and retrieve their standard output** on the database server underlying operating system when the database software is MySQL, PostgreSQL or Microsoft SQL Server.
- Support to **establish an out-of-band stateful TCP connection between the attacker machine and the database server** underlying operating system. This channel can be an interactive command prompt, a Meterpreter session or a graphical user interface (VNC) session as per user's choice.
- Support for **database process' user privilege escalation** via Metasploit's Meterpreter `getsystem` command.

Refer to the [wiki](#) for an exhaustive breakdown of the features.

## 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
```

## Documentation

- sqlmap [User's manual](#).
- sqlmap [History](#).
- sqlmap [Frequently Asked Questions \(FAQ\)](#).
- [Material](#) around sqlmap presented at conferences.

## Demo

Watch more demos [here](#).

## Contribute

All code contributions are greatly appreciated. First off, clone the [Git repository](#), read the [user's manual](#) carefully, go through the code yourself and [drop us](#) an email if you are having a hard time grasping its structure and meaning.

**Bug reports are welcome!** Please report all bugs on the [issue tracker](#). Our preferred method of patch submission is via a Git [pull request](#).

Each patch should make one logical change. Please follow the existing stylistic conventions: wrap code to 76 columns when possible. Avoid tabs, use four space characters instead. Before you put time into a non-trivial patch, it is worth discussing it privately by [email](#).

Many [people](#) have contributed in different ways to the sqlmap development. **You** can be the next!

## Donate

sqlmap is the result of numerous hours of passionate work from a small team of computer security enthusiasts. If you appreciated our work and you want to see sqlmap kept being developed, please consider making a donation or sponsor our efforts via [Sponsor page](#) or via [PayPal](#).

We also accept Bitcoins to `1AUrrKYsamBETHdruYTQmUfMFLF7aaxU6x` .

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**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 assume no liability and are not responsible for any misuse or damage caused by this program.**

## Developers

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