

Build & Installation Procedure

REQUIREMENTS

Whatever Unix environment; no particular system requirements needed.

INSTALL GOPHISH (v 0.4.0) ^[1]

1. Download from the online repository the archive containing source files
2. Extract the files into the **\$GO_PATH** directory
3. Create a new SSL certificate and Private Keys, needed for HTTPS communications:

```
$ openssl req -newkey rsa:2048 -nodes -keyout gophish.key -x509 -days 365 -out gophish.crt
```
4. Move **gophish.crt** and **gophish.key** files into the **\$GO_PATH** directory
5. Restore the original database (only if needed), deleting the **\$GO_PATH/gophish.db** file

MODIFY GOPHISH ^{[1][2]}

1. Download the right Go archive (see ^[2] for the links), based on the OS type and version (needed to compile source files)
2. Extract the archive in **/usr/local**, for example:

```
$ tar -C /usr/local -xzf go1.2.1.linux-amd64.tar.gz
```
3. Add the environment variable, inserting the following line in **/etc/profile** file, to finalize the installation of Go:

```
$ export PATH=$PATH:/usr/local/go/bin
```
4. If you need to change Gophish files, save them and re-compile, going to **\$GO_PATH** and writing

```
$ go build
```
5. Once Go language has been installed, repeat step 4. every time you have to make some modifications

RUN GOPHISH ^[3]

1. Start the server, going to the **\$GO_PATH** directory and writing

```
$ sudo ./gophish
```
2. Navigate to <https://server.ip:3333>
3. Log in as administrator (Username: admin – Password: gophish)

INSTALL & RUN SPOOFING SCRIPT ^[4]

1. Install Python3 dependencies

```
$ sudo apt install python3-dnspython python3-tld python3-geoip\ python3-whois python3-requests python3-ssdeep
```
2. Install dnstwist tool following these commands:

```
$ git clone https://github.com/elceef/dnstwist.git  
$ cd dnstwist  
$ pip install
```
3. Download from the online repository the archive containing source files
4. Go to **\$spoofer_path** and write

```
$ bash spoofing_script.sh
```
5. Repeat step 4. every time you have to look for similar domains

ADDITIONAL INFORMATION

^[1] <https://docs.getgophish.com/user-guide/installation>

^[2] <https://golang.org/doc/install>

^[3] <https://docs.getgophish.com/user-guide/getting-started>

^[4] <https://github.com/elceef/dnstwist>