⬤ godoh

github.com/sensepost/goDoH

sensepost

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⬤ godoh - A DNS-over-HTTPS C2

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A DNS-over-HTTPS Command & Control Proof of Concept

Twitter @leonjza go report A+

introduction

`godoh` is a proof of concept Command and Control framework, written in Golang, that uses DNS-over-HTTPS as a transport medium. Currently supported providers include Google, Cloudflare but also contains the ability to use traditional DNS.

installation

All you would need are the `godoh` binaries themselves. Binaries are available for download from the <u>releases</u> page as part of tagged releases.

To build `godoh` from source, follow the following steps:

- Ensure you have Go 1.13+
- Clone this repository with `git clone https://github.com/sensepost/goDoH.git`
- Run `make key` to generate a unique encryption key to use for communication

- Build the project with one of the following options:
    - `go build` which will drop you a new `godoh` binary for the current architecture
    - `make` which will drop binaries in the `build/` directory for various platforms

usage

```
A DNS (over-HTTPS) C2
  By @leonjza from @sensepost

Usage:
  godoh [flags]
  godoh [command]

Available Commands:
  agent       Connect as an Agent to the DoH C2
  c2          Starts the godoh C2 server
  help        Help about any command
  receive     Receive a file via DoH
  send        Send a file via DoH
  test        Test DNS communications

Flags:
  -d, --domain string        DNS Domain to use. (ie: example.com)
  -h, --help                 help for godoh
  -p, --provider string      Preferred DNS provider to use. [possible: googlefront,
google, cloudflare, quad9, raw] (default "google")
  -K, --validate-certificate  Validate DoH provider SSL certificates

Use "godoh [command] --help" for more information about a command.
```

license

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