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Code

## About

Fast passive subdomain enumeration tool.

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## Releases 48

v2.6.6 Latest  
on Mar 28

+ 47 releases

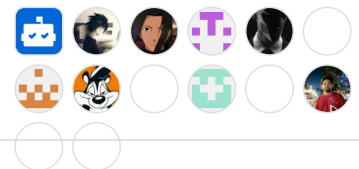
## Packages

No packages published

## Used by 110

used by 110 projects

## Contributors 84



+ 70 contributors

## Languages

Go 99.6% Other 0.4%

### Fast passive subdomain enumeration tool.

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subfinder is a subdomain discovery tool that returns valid subdomains for websites, using passive online sources. It has a simple, modular architecture and is optimized for speed. subfinder is built for doing one thing only - passive subdomain enumeration. It does it very well.

We have made it to comply with all the used passive source licenses and usage restrictions. The passive model guarantees speed and stealthiness that can be leveraged by both penetration testers and bug bounty hunters alike.

## Features

- Fast and powerful resolution and wildcard elimination modules
- Curated** passive sources to maximize results
- Multiple output formats supported (JSON, file, stdout)
- Optimized for speed and **lightweight** on resources
- STDIN/OUT** support enables easy integration into workflows

## Usage

```
subfinder -h
```

This will display help for the tool. Here are all the switches it supports.

Usage:  
./subfinder [flags]

Flags:  
INPUT:  
-d, -domain string[] domains to find subdomains for  
-dL, -list string file containing list of domains for subdomain discovery

SOURCE:  
-s, -sources string[] specific sources to use for discovery (-s crtsh,github). Use -ls to display all available sources  
-recursive use only sources that can handle subdomains recursively (e.g. subdomain.domain.tld)  
-all use all sources for enumeration (slow)  
-es, -exclude-sources string[] sources to exclude from enumeration (-es alienvault,zoomeyeapi)

FILTER:  
-m, -match string[] subdomain or list of subdomain to match (file or comma separated)  
-f, -filter string[] subdomain or list of subdomain to filter (file or comma separated)

RATE-LIMIT:  
-rl, -rate-limit int maximum number of http requests to send per second  
-rls value maximum number of http requests to send per second four providers in key=value format (-rls "crtsh=10,github=10")  
-t int number of concurrent goroutines for resolving (-active only) (default 10)

UPDATE:  
-up, -update update subfinder to latest version  
-duc, -disable-update-check disable automatic subfinder update check

OUTPUT:  
-o, -output string file to write output to  
-oJ, -json write output in JSONL(ines) format  
-oD, -output-dir string directory to write output (-dL only)  
-cs, -collect-sources include all sources in the output (-json only)  
-oI, -ip include host IP in output (-active only)

CONFIGURATION:  
-config string flag config file (default "\$CONFIG/subfinder/config.yaml")  
-pc, -provider-config string provider config file (default "\$CONFIG/subfinder/provider-config.yaml")  
-r string[] comma separated list of resolvers to use  
-rL, -rlist string file containing list of resolvers to use  
-nW, -active display active subdomains only  
-proxy string http proxy to use with subfinder  
-ei, -exclude-ip exclude IPs from the list of domains

DEBUG:  
-silent show only subdomains in output  
-version show version of subfinder  
-v show verbose output  
-nc, -no-color disable color in output  
-ls, -list-sources list all available sources

OPTIMIZATION:  
-timeout int seconds to wait before timing out (default 30)  
-max-time int minutes to wait for enumeration results (default 10)

## Installation

subfinder requires **go1.21** to install successfully. Run the following command to install the latest version:

```
go install -v github.com/projectdiscovery/subfinder/v2/cmd/subfinder@latest
```

Learn about more ways to install subfinder here: <https://docs.projectdiscovery.io/tools/subfinder/install>.

## Post Installation Instructions

subfinder can be used right after the installation, however many sources required API keys to work. Learn more here: <https://docs.projectdiscovery.io/tools/subfinder/install#post-install-configuration>.

## Running Subfinder

Learn about how to run Subfinder here: <https://docs.projectdiscovery.io/tools/subfinder/running>.

## Subfinder Go library

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Subfinder can also be used as library and a minimal examples of using subfinder SDK is available [here](#)

## Resources

- [Recon with Me !!!](#)

## License

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`subfinder` is made with ❤️ by the [projectdiscovery](#) team. Community contributions have made the project what it is. See the [THANKS.md](#) file for more details.

Read the usage disclaimer at [DISCLAIMER.md](#) and [contact us](#) for any API removal.