



cloudflare / cloudflared

Public

Notifications

Fork 809

Star 9.2k

<> Code

Issues 367

Pull requests 21

Actions

Projects

Security

Insights

master

Go to file

<> Code

About

.github

.mac\_resources

.teamcity

carrier

cfapi

cfio

cmd/cloudflared

component-tests

config

connection

credentials

datagramsession

edgediscovery

features

fips

Cloudflare Tunnel client (formerly Argo Tunnel)

developers.cloudflare.com/cloud...

reverse-proxy

cloudflare

argo-tunnel

zero-trust-network-access

cloudflare-tunnel

Readme

Apache-2.0 license

Code of conduct

Security policy

Activity























Custom properties

9.2k stars

101 watching

809 forks

Report repository

 hello		
 ingress		
 internal/test		
 ipaccess		
 logger		
 management		
 metrics		
 orchestration		
 overwatch		
 packet		
 proxy		
 quic		
 retry		
 signal		
 socks		
 ssh_server_tests		
 sshgen		
 stream		
 supervisor		
 tlsconfig		
 token		
 tracing		

Releases 151

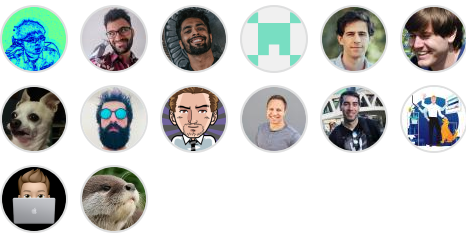
 2024.10.1 Latest  
last week

+ 150 releases

Packages

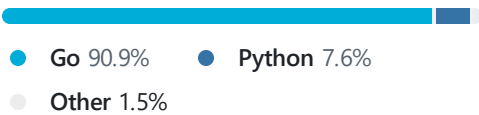
No packages published























Contributors 91

















+ 77 contributors


Languages





 tunneldns	<div></div>	<div></div>
 tunnelrpc	<div></div>	<div></div>
 tunnelstate	<div></div>	<div></div>
 validation	<div></div>	<div></div>
 vendor	<div></div>	<div></div>
 watcher	<div></div>	<div></div>
 websocket	<div></div>	<div></div>
 .docker-images	<div></div>	<div></div>
 .dockerignore	<div></div>	<div></div>
 .gitignore	<div></div>	<div></div>
 CHANGES.md	<div></div>	<div></div>
 Dockerfile	<div></div>	<div></div>
 Dockerfile.amd64	<div></div>	<div></div>
 Dockerfile.arm64	<div></div>	<div></div>
 LICENSE	<div></div>	<div></div>
 Makefile	<div></div>	<div></div>
 README.md	<div></div>	<div></div>
 RELEASE_NOTES	<div></div>	<div></div>
 build-packages-fips.sh	<div></div>	<div></div>
 build-packages.sh	<div></div>	<div></div>
 catalog-info.yaml	<div></div>	<div></div>
 cfsetup.yaml	<div></div>	<div></div>

 check-fips.sh		
 cloudflared.wxs		
 cloudflared_man_tem...		
 dev.Dockerfile		
 fmt-check.sh		
 github_message.py		
 github_release.py		
 go.mod		
 go.sum		
 postinst.sh		
 postrm.sh		
 release_pkgs.py		
 wix.json		

 **README**

 Code of conduct

 Apache-2.0 license

 Security

# Cloudflare Tunnel client

Contains the command-line client for Cloudflare Tunnel, a tunneling daemon that proxies traffic from the Cloudflare network to your origins. This daemon sits between Cloudflare network and your origin (e.g. a webserver). Cloudflare attracts client requests and sends them to you via this daemon, without requiring you to poke holes on your firewall --- your origin can remain as closed as possible. Extensive documentation can be found in the [Cloudflare Tunnel section](#) of the Cloudflare Docs.

All usages related with proxying to your origins are available under `cloudflared tunnel help`.

You can also use `cloudflared` to access Tunnel origins (that are protected with `cloudflared tunnel`) for TCP traffic at Layer 4 (i.e., not HTTP/websocket), which is relevant for use cases such as SSH, RDP, etc. Such usages are available under `cloudflared access help`.

You can instead use [WARP client](#) to access private origins behind Tunnels for Layer 4 traffic without requiring `cloudflared access` commands on the client side.

## Before you get started

Before you use Cloudflare Tunnel, you'll need to complete a few steps in the Cloudflare dashboard: you need to add a website to your Cloudflare account. Note that today it is possible to use Tunnel without a website (e.g. for private routing), but for legacy reasons this requirement is still necessary:

1. [Add a website to Cloudflare](#)
2. [Change your domain nameservers to Cloudflare](#)

## Installing `cloudflared`

Downloads are available as standalone binaries, a Docker image, and Debian, RPM, and Homebrew packages. You can also find releases [here](#) on the `cloudflared` GitHub repository.

- You can [install on macOS](#) via Homebrew or by downloading the [latest Darwin amd64 release](#)
- Binaries, Debian, and RPM packages for Linux [can be found here](#)
- A Docker image of `cloudflared` is [available on DockerHub](#)
- You can install on Windows machines with the [steps here](#)

- To build from source, first you need to download the go toolchain by running `./teamcity/install-cloudflare-go.sh` and follow the output. Then you can run `make cloudflared`

User documentation for Cloudflare Tunnel can be found at <https://developers.cloudflare.com/cloudflare-one/connections/connect-apps>

## Creating Tunnels and routing traffic

Once installed, you can authenticate `cloudflared` into your Cloudflare account and begin creating Tunnels to serve traffic to your origins.

- Create a Tunnel with [these instructions](#)
- Route traffic to that Tunnel:
  - Via public [DNS records in Cloudflare](#)
  - Or via a public hostname guided by a [Cloudflare Load Balancer](#)
  - Or from [WARP client private traffic](#)

## TryCloudflare

Want to test Cloudflare Tunnel before adding a website to Cloudflare? You can do so with TryCloudflare using the documentation [available here](#).

## Deprecated versions

Cloudflare currently supports versions of cloudflared that are **within one year** of the most recent release. Breaking changes unrelated to feature availability may be introduced that will impact versions released more than one year ago. You can read more about upgrading cloudflared in our [developer documentation](#).

For example, as of January 2023 Cloudflare will support

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