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Cloudflare Tunnel client (formerly Argo Tunnel)

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+ 150 releases

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No packages published

Contributors 91

+ 77 contributors

Languages

● **Go** 90.9%   ● **Python** 7.6%
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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