

# Access Your Self Hosted Services WITHOUT Port Forwarding

For more than a year we've been talking about using a reverse proxy to access your self-hosted apps via a domain name.

In this video we're going to take a look at setting up remote access to your self-hosted applications with CloudFlare Tunnels. Using CloudFlare Tunnels allows us to create an encrypted connection between our server(s) and CloudFlare without the need to forward any ports.

## Prerequisites

We only need 2 things to get things set up (aside from our Docker server and self-hosted apps):

1. A domain name from your favorite registrar
2. A CloudFlare account

## Resource links:

- <https://dash.teams.cloudflare.com/>
- <https://hub.docker.com/r/cloudflare/cloudflared>
- <https://dbt3ch.com/books/access-your-self-hosted-services-without-port-forwarding/page/cloudflare-tunnels>

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Here is the docker-compose you can use to deploy this in Portainer:

```
version: "3"
services:
  cloudflared:
    command:
      - tunnel
      - --no-autoupdate
```

```
- run
- --token
- <your_token_here>
container_name: cloudflared
image: cloudflare/cloudflared:latest
restart: always
```

There is probably a cleaner way to do this, but this works.

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Revision #1

Created 7 June 2022 20:14:19 by DB T3CH

Updated 7 June 2022 20:15:29 by DB T3CH