

Create your own “cloud” storage with Syncthing

I have been using Syncthing for years now and had assumed everyone had at least heard of it. Apparently not. When I do mention it people seem to think it is an impossible thing. It isn't and it is really easy to setup.

What the heck is Syncthing?

It is an open source (fully) private decentralized file system that uses torrent technology to share files between multiple machines/devices. There is no “middleman” to cut the connection so running Syncthing between your own devices really is your own private cloud. It comes with a great GUI and is very easy to use.

Why Syncthing?

Traditional cloud storage is cheap enough that the cost is not prohibitive for most people, at present. In my case most of my backups are for files I won't look at for years – maybe even decades. A LOT can change in a decade when it comes to online services. Anyone who ever used Panoramio can tell you about the millions of user-uploaded pictures Google simply decided to delete. Point is backups for personal docs, pictures, etc are YOURS and nobody else should be able to decide on how or if they will be stored.

Syncthing allows you to use multiple devices to provide redundancy. If a hard drive on one device fails, you still have copies on other devices. It is also a lot faster than using a cloud service because typically you are only transferring files locally on the same network, although you can share files with any device anywhere in the world if you want to.

Setting up Syncthing on Ubuntu

```
sudo apt install curl apt-transport-https;
```

```
curl -s https://syncthing.net/release-key.txt | sudo apt-key add -;
```

```
echo "deb https://apt.syncthing.net/ syncthing release" | sudo tee /etc/apt/sources.list.d/syncthing.list;
```

```
sudo apt-get update;
```

```
sudo apt-get install syncthing;
```

```
# replace username with your own system username
```

```
sudo systemctl enable syncthing@username.service;
```

```
# replace username with your own system username
```

```
sudo systemctl start syncthing@username.service;
```

Once you have completed the commands above you can open the syncthing GUI in your browser with <http://127.0.0.1:8384>

<https://www.youtube.com/embed/V4kWJ8jcdtM?feature=oembed>

Revision #1

Created 14 June 2024 01:03:25 by peterd

Updated 14 June 2024 01:04:03 by peterd