

# Syncthing

**Please make yourself aware of the [Ultra.cc Fair Usage Policy](#).**

Directly pointing Syncthing to sync your cloud storage will create extreme strain on your Slot's disk and could cause a 24-hour ban on accessing your cloud storage. Please Consider [Rsync](#) or [Rclone](#) with a reasonable limit on speed.

Additionally, pointing Syncthing to an active download directory, enabling the `Watch for Changes` feature, or setting a higher scan interval than the default value, can very quickly result in a FUP warning. Take proper precautions while configuring Syncthing.

**It is your responsibility to ensure usage is within acceptable limits. Ignorance is not an excuse.**

**Syncthing** is a free, open-source, peer-to-peer file synchronization application that's written in Go. It synchronizes files between two or more computers securely and seamlessly.

For more information, follow [this link](#).

In this section, we'll be setting up Syncthing for the first time. For this guide, we'll assume you want to set up a folder on your Ultra.cc service as your "dropbox," which will be synced automatically to your Windows PC.

## Prerequisites

- Download and install Syncthing on both your Ultra.cc service and the devices you prefer. You may refer to [Syncthing Downloads](#) to get which apps to use for your preferred platform. For this guide, we'll be installing [Synctrazor](#) along with Syncthing on the Ultra.cc service.
- Login to your Ultra.cc service via [SSH](#) and create a folder that will be used to sync data between your Ultra.cc service and your local machine. For this guide, we'll be creating a folder named `Syncthing`. Also, get the absolute path of the folder by doing `pwd` as shown below.

```
ultradocs@spica: ~$ mkdir Syncthing
ultradocs@spica: ~$ ls
bin Downloads files media openvpn Syncthing watch www
ultradocs@spica: ~$ cd Syncthing/
ultradocs@spica: ~/Syncthing$ pwd
/home20/ultradocs/Syncthing
```

Please be aware that if you are on a none `lwxXX` hostname server (e.g spica instead of lw822, lw900, etc). The absolute path should be used without numbers on the home directory. For example, `/home/username/Syncthing` instead of `/home20/username/Syncthing`

**DoNOT** attempt to mount your Rclone remote directly on your home directory. This will lead to instabilities. Instead, always create and use an empty folder within your home directory.

## Setting up Syncthing on Ultra.cc service

- Upon installation and entering the set credentials, the `Allow Anonymous Usage Reporting?` window appears. Read over this and select if you agree with data reporting or not.
- Click **Add folder**
- Then enter the following information:

General

Folder Label: {Any}

Folder Path: {output of pwd}

- Click **Save**

## Setting up Sharing on the PC

Shown here is instructions for Windows using SyncTrazor, but it should be similar to all other devices that support Syncthing.

- Get the Slot's device ID by going to **Actions -> Show ID**. Copy the generated ID above.
- Launch SyncTrazor, the `Allow Anonymous Usage Reporting?` window appears. Read over this and select if you agree with data reporting or not.
- Then under `Remote Devices`, click **Add Remote Device**
- Then enter the following information:

General

Device ID: {Paste Slot Device ID here}

Device Name: {can be blank}

Sharing

Auto accept: Checked

Advanced

Addresses: Listen Address of Syncthing as given in your Control Panel.

Example: tcp://spica-direct.usbx.me:16812

Incoming Rate Limit (KiB/s): 20000

Outgoing Rate Limit (KiB/s): 20000

- Click **Save**
- Go back to your Syncing Slot; you should see a **New Device** window. Confirm that it is indeed your device by checking the Device names and Device IDs shown and click **Add device**.
- Then enter the following information. Once that's done, click **Save**.

#### General

Device ID: {SyncTrazor Device ID here}

Device Name: {automatically filled}

#### Sharing

Auto accept: Checked

Share Folders with Device: {Check the folder you just created. In this case, Syncbox}

#### Advanced: Device Limits

Incoming Rate Limit (KiB/s): {optional}

Outgoing Rate Limit (KiB/s): {optional}

- Your synced Slot folder will show up on SyncTrazor in `%HOMEPATH%`. For this case, it's in `%HOMEPATH%\Syncbox`
- To sync files to and from your Slot, just copy/move files from your Slot/PC to `Syncbox`, and it will automatically sync.

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Revision #19

Created 27 February 2020 15:04:32

Updated 27 October 2023 21:31:48 by varg