


File and Folder changes are not detected on Linux or the TonidoPlug

Tonido versions before 2.35 had a software issue where only the changes in the folders in the top level sync folder were detected. After Tonido 2.35, this software issue was fixed, however, if you have a lot of sub folders (greater than 8000) in the sync folder, you might find that changes in the sub folders are still not detected. Tonido depends on the inotify kernel module to know when files are added or edited in real-time, and you may need to increase the number of watches that can be created.

The inotify module is governed by a property called `max_user_watches`. If you attempt to exceed the max number you'll see the following error in the tonido.log

 addWatches: Possible watch limit reached

The default value on most systems is **8192**.

You can temporarily update the value with:

 `echo 1048576 > /proc/sys/fs/inotify/max_user_watches`

You can update the value permanently by putting the following value in */etc/sysctl.conf* and restarting:

 `fs.inotify.max_user_watches=1048576`