Store notebooks in an encrypted folder

shivams edited this page 11 days ago · 2 revisions

ENCFS

http://www.arg0.net/encfs

Available for linux users Encfs stores files in an encrypted folder. To read these files, they must be mounted to an empty directory.

1. Install encfs

This process varies depending on your linux distribution.

This example works for Arch Linux:

```
pacman -S encfs
```

Debian/Ubuntu:

```
apt-get install encfs
```

2. Move existing zim files

Important: Close Zim

```
mv ~/Notes Notes-old
```

3. Setup encfs folders

```
mkdir ~/.Notes
```

Hidden folder stores encrypted contents. Note the '.' dot.

```
mkdir ~/Notes
```

Same name as the folder Zim normally uses. Unencrypted files will be accessible here when mounted`

4. Start encryption

```
encfs ~/.Notes ~/Notes
```

this first time through, you will be prompted for a password, and some security settings. In the future, you will only need to supply a password. You will need to run this command each time you restart your computer **before running zim**

5. Move encrypt old notes

```
rsync -av ~/Notes-old ~/Notes
```

6. Remove old notes (optional)

Make sure zim starts normally and you can access your encrypted notebook first!

```
rm -rf ~/Notes-old
```

encfswrapper

encfswrapper can be used to automate the process of mounting an encfs folder when zim is run. A quick tutorial is in the README.rst file hosted at https://github.com/lenzenmi/encfswrapper.

Truecrypt Method with Cloud Synchronization

There is an interesting solution using Truecrypt and Dropbox. Your notebook can be encrypted inside a truecrypt container and that container can be synchronized over the cloud using Dropbox. The catch here is that when you open the container and make changes to your notebooka and close it again, Dropbox wouldn't synchronize the whole container, only the bits that've changed.

Here is an automated solution for that in Linux : http://dotpad.blogspot.in/2012/12/zim-with-truecrypt-and-dropbox-my-final.html