

DESCRIPTION OF LUBUNTU PROBLEM

SYSTEM had been a working Ubuntu 10.10 upgraded from 10.04. [I can't remember if this had an encrypted home folder or not; neither do I recall anything about a passphrase].

1. WHAT WENT WRONG TRYING TO CONVERT TO LUBUNTU

I had followed the steps in:

"Install Lubuntu from Ubuntu or any other Ubuntu flavors"

<https://help.ubuntu.com/community/Lubuntu/Documentation/UpgradeToLubuntu>

- ADDED REPOSITORY

`sudo add-apt-repository ppa:lubuntu-desktop/ppa`

`sudo apt-get update`

- then REMOVED UBUNTU copying & pasting into Terminal the procedure at:

<http://psychocats.net/ubuntu/purexfce>

- which included a final command to INSTALL LUBUNTU:

`&& sudo apt-get install --no-install-recommends lubuntu-desktop:`

The removal seemed to go ok, but then something went wrong during the installation of Lubuntu during or after I got the following message panel (recorded by photographing the screen):

===== "UPDATE INFORMATION"

"To encrypt your home directory or "private" folder, a strong passphrase has been automatically generated.

Usually your directory is unlocked with your user password, but if you ever need to manually recover this directory, you will need this passphrase.

Please write it down and store it in a safe place.

If you click "Run this Action Now", enter your Login password at the "Passphrase" prompt and you can display your randomly generated passphrase.

Otherwise you will need to run "ecryptfs-unwrap-passphrase".

=====

When I clicked on Run this Action Now

nothing happened and I got no PASSPHRASE prompt and no passphrase to write down.

I then clicked Next and the update appeared to finish normally, automatically stepping through the series of commands in Terminal, except that I was left with this prompt at the end:

`lionel@lionel-desktop:~$`

There was no prompt to restart but when I did restart (I think I used Ctrl-Alt-Del), it booted into Lubuntu but **without access to my home directory**.

Also, the Lubuntu does not work properly, only some programs will launch, but it can access the data in my Windows partition.

2. ACTIONS PERFORMED SINCE THIS PROBLEM AROSE

a) Each time I boot into Lubuntu I get:

- the same UPDATE INFORMATION panel as detailed above

- as with the first time, nothing happens when I click on Run this Action Now, so I click on Next and get the Ubuntu desktop
- only some applications will launch (games, but not chrome or midori or any of the major apps)
- File explorer shows: my Home folder, Rubbish, Applications and my 80GB windows partition (which can be accessed)
- showing against the home folder is a shortcut titled Access-your-Private-data.desktop and a Readme.txt, but nothing happens when I double click on the shortcut.
- the Readme says
*"THIS DIRECTORY HAS BEEN UNMOUNTED TO PROTECT YOUR DATA
From the Graphical desktop click on Access your Private Data
or
From the command line, run
ecryptfs-mount-private."*

b) When I enter that command into Terminal it asks me
Enter your login passphrase:
I don't, as I've said, have the passphrase.
If I put in my normal login I get
*"ERROR: Unwrapping passphrase and inserting into the user session keyring failed [-5]
Info: Check the system log for more information from lib ecryptfs"*

c) When I enter that command but prefixed by sudo I get:
[sudo] password for lionel:
On entering my normal login password it then asks:
Enter your login passphrase
I don't, as I've said, have the passphrase.
If I then put in my normal login a second time I get
*Inserted auth tok with sig [0f2ce60fe1578706] into the user session keyring
fopen: No such file or directory*

d) <https://help.ubuntu.com/community/EncryptedPrivateDirectory#Recovering Your Mount Passphrase>

I tried the following:
sudo ecryptfs-unwrap-passphrase /home/lionel/.ecryptfs/wrapped-passphrase
*[sudo] password for lionel: [i entered my normal password here]
Passphrase: [i just did Enter here]
Error: unwrapping password failed [-5]
Info: Check the system log for more information from libecryptfs*

And this version as suggested somewhere::
sudo ecryptfs-unwrap-passphrase \$HOME/.ecryptfs/wrapped-passphrase
*Passphrase: [I entered my normal login password]
Error: unwrapping password failed [-5]
Info: Check the system log for more information from libecryptfs*

AT THIS POINT I AM AT A LOSS AS TO WHAT TO DO

I have tried to get my head round <https://bugs.launchpad.net/ecryptfs/+bug/359997>
but cannot understand it.