Some users are reporting errors when trying to install or upgrade with Tails Installer. I still don't have much information but the errors can be:

When installing to a new USB:

```
Partitionnement du périphérique /dev/sdd
```

```
L'installation de Tails a échoué !
```

Another log about a similar issue (note that /dev/sdb had no partition nor FS initially):

```
2018-04-01 11:13:11,060 [creator.py:859 (partition_device)] DEBUG: Creating partition table
Traceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/tails_installer/gui.py", line 203, in run
    self.live.partition_device()
  File "/usr/lib/python2.7/dist-packages/tails_installer/creator.py", line 924, in partition_device
    system_partition.call_set_type_sync(ESP_GUID, GLib.Variant('a{sv}', None))
2018-04-01 11:13:25,428 [gui.py:265 (run)] DEBUG: Traceback (most recent call last):
  File "/usr/lib/python2.7/dist-packages/tails_installer/gui.py", line 203, in run
    self.live.partition_device()
  File "/usr/lib/python2.7/dist-packages/tails_installer/creator.py", line 924, in partition_device
    system_partition.call_set_type_sync(ESP_GUID, GLib.Variant('a{sv}', None))
```

```
Related issues:
Blocks Tails - Feature #15139: Core work 2018Q2: Foundations Team

Resolved 01/01/2018

Associated revisions
Revision 10a7927e - 04/14/2018 10:16 AM - intrigeri
Import Tails Installer branch bugfix/15432-installer-robustness as a patch (refs: #15432)

Revision 2accfa45 - 05/07/2018 08:08 AM - anonym
Merge remote-tracking branch 'origin/bugfix/15432-installer-robustness' into stable

Fix-committed: #15432

Revision d96004b4 - 05/07/2018 10:29 PM - bertagaz
Revert "Import Tails Installer branch bugfix/15432-installer-robustness as a patch (refs: #15432)"

This reverts commit 10a7927efad4fe57e099ef9af3b08efbbe31c2ec.

History
#1 - 03/27/2018 11:56 AM - emmapeel
- Status changed from New to Rejected

One of the users that reported this ticket reformatted the USB stick and the issue dissapeared....

#2 - 03/29/2018 10:30 AM - emmapeel
Users with this problem can help to solve it:

Please send us the output of running
tails-installer --verbose

from a Terminal.

#3 - 04/01/2018 02:44 PM - emmapeel
- Status changed from Rejected to Confirmed

#4 - 04/01/2018 02:45 PM - emmapeel
- Assignee changed from emmapeel to intrigeri

I sent you some bug reports about this error...

#5 - 04/03/2018 09:08 AM - intrigeri
- Target version set to Tails_3.7
- QA Check deleted (Info Needed)

I sent you some bug reports about this error...

05/15/2020
Thanks! FTR I have one single email with this ticket number in my INBOX so if you meant to send more than one, either they got lost along the way or they're not appropriately tagged.

I'll have a first look to triage this during this dev cycle :)

#6 - 04/14/2018 09:49 AM - intrigeri
- Description updated

#7 - 04/14/2018 10:15 AM - intrigeri
- Status changed from Confirmed to In Progress
- % Done changed from 0 to 10
- Feature Branch set to installer:bugfix/15432-installer-robustness, bugfix/15432-installer-robustness

I've looked at these bug reports, added relevant info in the description, and asked the submitters to provide more relevant info.

I'm not overly convinced by the "since Tails 3.6" part because the tiny diff between the versions of Tails Installer shipped in Tails 3.5 and 3.6 (tails/5.0.4+dfsg-0tails1..tails/5.0.5+dfsg-0tails1) seems entirely unrelated to the problem at hand. I think I've found the root cause of the problem and I believe it's been introduced in Tails 3.3. I'll try a tentative fix and if it does not break our automated test suite, let's ship it in Tails 3.7 and then we'll see how it fares for users (I cannot reproduce the bug myself so I cannot really tell if I've fixed it).

#8 - 04/14/2018 10:19 AM - intrigeri
- Subject changed from Tails Installer failure since Tails 3.6 to Tails Installer sometimes fails when setting partition type during (since Tails 3.6?)

#9 - 04/14/2018 10:20 AM - intrigeri
- Blocks Feature #15139: Core work 2018Q2: Foundations Team added

#10 - 04/14/2018 03:11 PM - intrigeri
- Assignee changed from intrigeri to anonym
- QA Check set to Ready for QA

#11 - 05/07/2018 08:21 AM - anonym
- Status changed from In Progress to 11
- Assignee changed from anonym to bertagaz
- % Done changed from 10 to 90
- QA Check changed from Ready for QA to Pass

Review passes, tests look good both on Jenkins and locally. Merged!

bert, I'll leave this ticket for you to remember to make a tails-installer release and revert 10a7927efad4fe57e099ef9af3b08efbba31c2ec for Tails 3.7.

#12 - 05/07/2018 08:53 AM - intrigeri
- Status changed from 11 to In Progress
bert, I'll leave this ticket for you to remember to make a tails-installer release and revert 10a7927efad4fe57e099ef9af3b08efbbe31c2ec for Tails 3.7.

(Trying to increase the chances bertagaz sees this :)

#13 - 05/07/2018 10:17 AM - anonym
- Status changed from In Progress to 11
- % Done changed from 90 to 100

Applied in changeset 2accfa459653e1410540d703cfa6859382688c2a.

#14 - 05/07/2018 10:34 AM - intrigeri
- Status changed from 11 to In Progress

anonym wrote:

Applied in changeset 2accfa459653e1410540d703cfa6859382688c2a.

(This is what I get for repairing the push to Redmine's Git mirror.)

#15 - 05/10/2018 11:05 AM - bertagaz
- Status changed from In Progress to Resolved
- Assignee deleted (bertagaz)

anonym wrote:

Review passes, tests look good both on Jenkins and locally. Merged!

bert, I'll leave this ticket for you to remember to make a tails-installer release and revert 10a7927efad4fe57e099ef9af3b08efbbe31c2ec for Tails 3.7.

It's been released!