Tails - Bug #17371
Seahorse - can't connect to keyserver
12/23/2019 12:50 PM - numbat

Status: Confirmed  Start date:
Priority: Normal  Due date:
Assignee:  % Done:
Category:  Estimated time:
Target version:  Spent time:
Feature Branch:  Starter:
Type of work: Research  Affected tool:
Blueprint:  

Description
When trying to do anything related to connecting to a keyserver (update/upload/etc), we get this:

Couldn't communicate with server:
"zkaan2xfbuxia2wpf7ofnkbz6r5zdbbvbunvvp5g2iebopbf4iqmbad.onion"
Bad Request

A user reported this, I double checked.

I also added other key servers (with or without .onion domains) and had the same errors.

using `gpg` works, even with the keyserver configured in Seahorse:

gpg --keyserver hkp://zkaan2xfbuxia2wpf7ofnkbz6r5zdbbvbunvvp5g2iebopbf4iqmbad.onion

Screenshots are provided by the user who notified us about the issue.

Related issues:
Duplicated by Tails - Bug #17482: "Passwords and Keys": Remote keyserver not ...

OK, this ticket has a pretty broad scope, and quite possibly not all of the problems it's about share the same root causes.
I think there are at least 3 different problems here:

1. Wrt. "Sync and Publish Keys"

Known issue, tracked as #17169: I've just reproduced it. The "Bad Request" dialog appears on top of another one ("Request Entity Too Large"). This covers the "update/upload" part of your report, so case closed here ⇒ see you on #17169 :) 

2. Wrt. "Find Remote Keys"

2.1. If the keyservers has the key I'm searching for

In my test VM, it seems that Seahorse managed to communicate with the keyservers. But I see an empty list in the result window and these errors in the Journal:

05/06/2020
2.2. If I'm searching for a key that is not on keys.openpgp.org (aka. zkaan2xfbuxia2wpf7ofnkzb6r5zd8bbvxbunvp5g2iieop8f4ioonbad.onion)

I get a "Bad Request" error dialog. I think that Seahorse actually managed to connect to the keys server but it's unable to understand that the reply means "no matching key, sorry". I don't know if that's a bug in Seahorse itself or in how the keys server communicates results to Seahorse.

Are we on the same page?
Is there any other problem?

#2 - 12/28/2019 04:29 PM - intrigeri
- Status changed from New to Confirmed

#3 - 02/17/2020 08:54 AM - intrigeri
- Duplicated by Bug #17482: "Passwords and Keys": Remote keyserver not reachable added

Files
screenshot1.gif  108 KB  12/23/2019  numbat
screenshot2.gif  113 KB  12/23/2019  numbat