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

<table>
<thead>
<tr>
<th>Status:</th>
<th>Confirmed</th>
<th>Start date:</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
</tr>
<tr>
<td>Assignee:</td>
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<td>Category:</td>
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<td>% Done:</td>
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<td>Target version:</td>
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<td>Estimated time:</td>
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<td>Feature Branch:</td>
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<td>Spent time:</td>
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<td>Type of work:</td>
<td>Research</td>
<td>Starter:</td>
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<td>Blueprint:</td>
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<td>Affected tool:</td>
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Description

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

```
Couldnt communicate with server: 
"zkaan2xfbuxia2wpf7ofnkbz6r5zdbbbxunvvp5g2iebopbf4iqmbad.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://zkaan2xfbuxia2wpf7ofnkbz6r5zdbbbxunvvp5g2iebopbf4iqmbad.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 ...

History

#1 - 12/28/2019 04:29 PM - intrigeri

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

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 keyserver has the key I'm searching for

In my test VM, it seems that Seahorse managed to communicate with the keyserver. But I see an empty list in the result window and these errors in the Journal:
2.2. If I'm searching for a key that is not on keys.openpgp.org (aka. zkaan2xfbuxia2wpf7ofnkbz6r5zdbbvnvp5g2iebopbf4iqmbad.onion)

I get a "Bad Request" error dialog. I think that Seahorse actually managed to connect to the keyserver 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 keyserver 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

<table>
<thead>
<tr>
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<td>12/23/2019</td>
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<tr>
<td>screenshot2.gif</td>
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