Redmine - Defect #32793
Email address with Punycode top-level domain is not accepted
2020-01-13 06:28 - Go MAEDA

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jean-Philippe Lang</td>
</tr>
<tr>
<td>Category:</td>
<td>Accounts / authentication</td>
</tr>
<tr>
<td>Target version:</td>
<td>4.1.1</td>
</tr>
<tr>
<td>Resolution:</td>
<td>Fixed</td>
</tr>
<tr>
<td>Start date:</td>
<td></td>
</tr>
<tr>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Affected version:</td>
<td></td>
</tr>
</tbody>
</table>

Description

Redmine does not accept email addresses that have Punycode top-level domain such as "[jsmith@example.xn--80akhbyknj4f]" (example.ИСПЫТАНИЕ). There are already over 150 TLDs that begin with "xn--" in the real world (see https://www.icann.org/resources/pages/tlds-2012-02-25-en), so Redmine should accept those domains.

The attached relaxes the validation rule for an email address to accept top-level domains which begin with "xn--".

Related issues:

Related to Redmine - Feature # 29208: IDN support for email addresses of user... New

Associated revisions

Revision 19660 - 2020-04-05 11:55 - Jean-Philippe Lang

Email address with Punycode top-level domain is not accepted (#32793).

Patch by Go MAEDA.

Revision 19661 - 2020-04-05 12:00 - Jean-Philippe Lang

Adds a test for r19660 (#32793).

Revision 19667 - 2020-04-05 13:23 - Jean-Philippe Lang

Merged r19660 and r19661 to 4.1-stable (#32793).

History

#1 - 2020-01-13 06:29 - Go MAEDA

The issue can be fixed if the regular expression is changed as follows:

diff --git a/app/models/email_address.rb b/app/models/email_address.rb
index 46bca384a..dd0b30607 100644
--- a/app/models/email_address.rb
+++ b/app/models/email_address.rb
@@ -20,7 +20,7 @@
class EmailAddress < ActiveRecord::Base
 include Redmine::SafeAttributes

-   EMAIL_REGEXP = /A([^@\s]+)@((?<!-a-z0-9\-)+\-[a-z][2,])\z/i
+   EMAIL_REGEXP = /A([^@\s]+)@((?<!-a-z0-9\-)+\-[a-z-n~0-9\-]+)(?xn--[-a-z0-9\-]+)(?[^a-z][2,]))\z/i
#2 - 2020-01-13 06:30 - Go MAEDA
- Related to Feature #29208: IDN support for email addresses of user accounts added

#3 - 2020-01-15 09:46 - Go MAEDA
- Target version set to 4.1.1

Setting the target version to 4.1.1.

#4 - 2020-04-05 12:01 - Jean-Philippe Lang
- Status changed from New to Resolved
- Assignee set to Jean-Philippe Lang
- Resolution set to Fixed

Commited and test added, thanks.

#5 - 2020-04-05 13:23 - Jean-Philippe Lang
- Status changed from Resolved to Closed

Merged.