

Redmine - Defect #32793

Email address with Punycode top-level domain is not accepted

2020-01-13 06:28 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Jean-Philippe Lang	% Done:	0%
Category:	Accounts / authentication	Estimated time:	0.00 hour
Target version:	4.1.1	Affected version:	
Resolution:	Fixed		
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: Support email addresses with IDN (intern...		Closed	
Related to Redmine - Defect #6088: eMail in uncommon formats considered invalid		Closed	2010-08-09

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]+\.)+(?:xn--[-a-z0-9]+|(?:[a-z]{2,}))\z/i

   belongs_to :user
```

#2 - 2020-01-13 06:30 - Go MAEDA

- Related to Feature #29208: Support email addresses with IDN (internationalized domain names) in 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*

Committed and test added, thanks.

#5 - 2020-04-05 13:23 - Jean-Philippe Lang

- *Status changed from Resolved to Closed*

Merged.

#6 - 2022-01-13 15:02 - Go MAEDA

- *Related to Defect #6088: eMail in uncommon formats considered invalid added*