

## Redmine - Defect #32793

### Email address with Punycode top-level domain is not accepted

2020-01-13 06:28 - Go MAEDA

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	Accounts / authentication	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.1.1	<b>Affected version:</b>	
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Redmine does not accept email addresses that have Punycode top-level domain such as " <a href="mailto:jsmith@example.xn--80akhbyknj4f">jsmith@example.xn--80akhbyknj4f</a> " (example.ИСПЫТАНИЕ). There are already over 150 TLDs that begin with "xn--" in the real world (see <a href="https://www.icann.org/resources/pages/tlds-2012-02-25-en">https://www.icann.org/resources/pages/tlds-2012-02-25-en</a> ), 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--".			
<b>Related issues:</b>			
Related to Redmine - Feature #29208: Support email addresses with IDN (intern...		<b>Closed</b>	
Related to Redmine - Defect #6088: eMail in uncommon formats considered invalid		<b>Closed</b>	<b>2010-08-09</b>

#### 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*