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 accounts added

History

#1 - 2020-01-13 06:29 - Go MAEDA
The issue can be fixed if the regular expression is changed as follows:

```diff
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
     belongs_to :user
-     EMAIL_REGEXP = /A([^@\s]+)@((?:[-a-z0-9]+\.)+(?:[a-z]{2,})\z/i
+     EMAIL_REGEXP = /A([^@\s]+)@((?:[-a-z0-9]+\.)+(?:xn--\[-a-z0-9]+)((?:\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.