

Redmine - Feature #31154

Reject setting RFC non-compliant emission email addresses

2019-04-06 07:00 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Administration	Estimated time:	0.00 hour
Target version:	4.1.0		
Resolution:	Fixed		
Description			
RFC non-compliant emission causes Mail::Field::IncompleteParseError while performing email delivery and breaks email notification. No email notifications are delivered if Setting.mail_from has an RFC non-compliant value. The problem occurs in r17870 or later.			
<pre>[ActiveJob] [ActionMailer::DeliveryJob] [f5bd6903-4f3f-4f40-9d9a-36ab998126e8] Error performing ActionMailer::DeliveryJob (Job ID: f5bd6903-4f3f-4f40-9d9a-36ab998126e8) from Async(mailers) in 1.2ms: Mail::Field::IncompleteParseError (Mail::AddressList can not parse Redmine[xyz] <redmine@example.com> : Only able to parse up to "Redmine"):</pre>			
To avoid this, I think a validation for Setting.mail_from that rejects RFC non-compliant value should be implemented. It can be implemented using Mail::Address.new.			
<pre>irb(main):001:0> Mail::Address.new('Redmine[xyz] <redmine@example.com>') Traceback (most recent call last): Mail::Field::IncompleteParseError (Mail::AddressList can not parse Redmine[xyz] <redmine@example.com> : Only able to parse up to "Redmine")</pre>			
Related issues:			
Related to Redmine - Feature #5913: Authors name in from address of email no...		Closed	2010-07-20

Associated revisions

Revision 18396 - 2019-08-26 06:18 - Go MAEDA

Reject setting RFC non-compliant emission email addresses (#31154).

Patch by Mizuki ISHIKAWA.

Revision 18434 - 2019-09-05 09:22 - Go MAEDA

Fix that test_mail_from_format_should_be_validated randomly fails (#31154).

Patch by Yuichi HARADA.

History

#1 - 2019-04-07 04:05 - Go MAEDA

- Related to Feature #5913: Authors name in from address of email notifications added

#2 - 2019-04-09 01:36 - Go MAEDA

A workaround for this issue is committed in [r18050](#). Redmine works as same as before [r17870](#) and never raises an exception when the emission email address is not RFC compliant.

But I think this proposed validation is still necessary. Redmine should make an effort not to send emails which violates RFC.

#3 - 2019-07-09 07:01 - Mizuki ISHIKAWA

- File feature-31154.patch added

This patch adds validation of the mail_from value.

- Mail::Address.new(mail_from) does not return an exception
- Mail::Address.new(mail_from).address matches EmailAddress::EMAIL_REGEX

#4 - 2019-07-09 07:37 - Marius BĂLTEANU

Mizuki ISHIKAWA wrote:

This patch adds validation of the mail_from value.

- Mail::Address.new(mail_from) does not return an exception
- Mail::Address.new(mail_from).address matches EmailAddress::EMAIL_REGEX

Mizuki, do you see any problem if we use the existing EMAIL_REGEX regex from URI::MailTo? <https://www.rubydoc.info/stdlib/uri/URI/MailTo>

#5 - 2019-07-09 08:58 - Mizuki ISHIKAWA

Marius BALTEANU wrote:

Mizuki ISHIKAWA wrote:

This patch adds validation of the mail_from value.

- Mail::Address.new(mail_from) does not return an exception
- Mail::Address.new(mail_from).address matches EmailAddress::EMAIL_REGEX

Mizuki, do you see any problem if we use the existing EMAIL_REGEX regex from URI::MailTo? <https://www.rubydoc.info/stdlib/uri/URI/MailTo>

I agree to use URI::MailTo::EMAIL_REGEX because URI::MailTo::EMAIL_REGEX is often used.

However, I think that it is better to hear other people's opinions because I am not familiar with e-mail address validation rules.

#6 - 2019-07-31 09:26 - Go MAEDA

Marius BALTEANU wrote:

Mizuki, do you see any problem if we use the existing EMAIL_REGEX regex from URI::MailTo? <https://www.rubydoc.info/stdlib/uri/URI/MailTo>

URI::MailTo::EMAIL_REGEX cannot be used for Redmine because it rejects email addresses with Unicode characters such as "ドメイン.jp" ("ドメイン" means "domain name example" in Japanese). Jean-Philippe Lang wrote in [#15985#note-3](#) that Redmine should not reject domain names with non-ASCII characters.

Go MAEDA wrote:

Non-ASCII characters cannot be used in an email address.

Yes, they can. More and more clients and server support that.

We cannot simply disallow them in Redmine.

If you have any interest in the support for Unicode domain (IDN), please see also [#29208](#).

#7 - 2019-08-11 09:01 - Go MAEDA

- Target version set to 4.1.0

Setting the target version to 4.1.0.

#8 - 2019-08-26 06:18 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Resolution set to Fixed

Committed the patch. Thank you.

#9 - 2019-08-27 06:18 - Go MAEDA

- Status changed from Closed to Reopened

The test sometimes fails:

```
$ bin/rails test --seed 64692
```

(snip)

Failure:

```
SettingTest#test_mail_from_format_should_be_validated [/Users/maeda/redmines/redmine-trunk/test/unit/setting_test.rb:140]:  
Expected [[:mail_from, "n'est pas valide"]] to include [[:mail_from, "is invalid"]].
```

#10 - 2019-09-05 07:43 - Yuichi HARADA

Go MAEDA wrote:

The test sometimes fails:

[...]

I think `en.locale` was set to 'fr' in other tests. I think it will be solved with this patch.

```
diff --git a/test/unit/setting_test.rb b/test/unit/setting_test.rb  
index 253f3c037..145961539 100644  
--- a/test/unit/setting_test.rb  
+++ b/test/unit/setting_test.rb  
@@ -20,6 +20,7 @@  
require File.expand_path('../../test_helper', __FILE__)  
  
class SettingTest < ActiveSupport::TestCase  
+ fixtures :users  
  
  def setup  
    User.current = nil  
@@ -134,7 +135,7 @@  
  end  
  
  def test_mail_from_format_should_be_validated  
- with_settings :default_language => 'en' do  
+ with_locale 'en' do  
  ['[Redmine app] <redmine@example.net>', 'redmine'].each do |invalid_mail_from|  
    errors = Setting.set_all_from_params({:mail_from => invalid_mail_from})  
    assert_includes errors, [:mail_from, 'is invalid']  
  end  
end
```

#11 - 2019-09-05 09:23 - Go MAEDA

- Status changed from Reopened to Closed

Yuichi HARADA wrote:

Go MAEDA wrote:

The test sometimes fails:

[...]

I think `en.locale` was set to 'fr' in other tests. I think it will be solved with this patch.

[...]

Committed the fix in [r18434](#). Thanks.

Files

feature-31154.patch	2.33 KB	2019-07-09	Mizuki ISHIKAWA
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