Redmine - Defect #33932

Can't view "My account" page when 2fa is setting to optional

2020-08-31 05:57 - ChunChang (Nagaharu) Lo

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Go MAEDA	**% Done:**	0%
Category:	Accounts / authentication	**Estimated time:**	0.00 hour
Target version:			
Resolution:		**Affected version:**	

Description

error message:

```
Started GET "/my/account" for 59.127.53.179 at 2020-08-31 03:53:37 +0000
Processing by MyController#account as HTML
  Current user: shortie (id=3)
  Rendering my/account.html.erb within layouts/base
  Rendered my/account.html.erb within layouts/base (15.5ms)
Completed 500 Internal Server Error in 25ms (ActiveRecord: 3.5ms)


ActionView::Template::Error (uninitialized constant Redmine::Twofa::Base
Did you mean?  Base64):
    35:        <%=l 'twofa_currently_active', twofa_scheme_name: l("twofa__#{@user.twofa_scheme}__n
ame") -%><br/>
    36:        <%= link_to l('button_disable'), { controller: 'twofa', action: 'deactivate_init', s
cheme: @user.twofa_scheme }, method: :post -%><br/>
    37:        <%= link_to l('twofa_generate_backup_codes'), { controller: 'twofa_backup_codes', ac
tion: 'init' }, method: :post, data: { confirm: Redmine::Twofa.for_user(User.current).backup_codes
.any? ?
    38:      <% else %>
    39:        <% Redmine::Twofa.available_schemes.each do |s| %>
    40:          <%= link_to l("twofa__#{s}__label_activate"), { controller: 'twofa', action: 'acti
vate_init', scheme: s }, method: :post -%><br/>
    41:        <% end %>

lib/redmine/twofa/totp.rb:22:in `<module:Twofa>'
lib/redmine/twofa/totp.rb:21:in `<module:Redmine>'
lib/redmine/twofa/totp.rb:20:in `<top (required)>'
lib/redmine/twofa.rb:58:in `block in scan_builtin_schemes'
lib/redmine/twofa.rb:57:in `each'
lib/redmine/twofa.rb:57:in `scan_builtin_schemes'
lib/redmine/twofa.rb:52:in `initialize_schemes'
lib/redmine/twofa.rb:45:in `schemes'
lib/redmine/twofa.rb:28:in `available_schemes'
app/views/my/account.html.erb:38:in `block in _app_views_my_account_html_erb__509002245855036881_7
0041001997940'
app/helpers/application_helper.rb:1404:in `labelled_form_for'
app/views/my/account.html.erb:14:in `_app_views_my_account_html_erb__509002245855036881_7004100199
7940'
lib/redmine/sudo_mode.rb:64:in `sudo_mode'
```

Related issues:

Related to Redmine - Feature #1237: Add support for two-factor authentication	**Closed**	**2008-05-14**

Associated revisions

Revision 19997 - 2020-08-31 23:45 - Go MAEDA

Fix an error "uninitialized constant Redmine::Twofa::Base" when accessing My account in production mode (#1237, #33932).

History

#1 - 2020-08-31 06:28 - Go MAEDA

Could you describe your environment? (web server, app server)

#2 - 2020-08-31 06:31 - Go MAEDA

- Related to Feature #1237: Add support for two-factor authentication added

#3 - 2020-08-31 06:46 - Go MAEDA

Go MAEDA wrote:

> Could you describe your environment? (web server, app server)

And please paste the environment information on /admin/info page.

#4 - 2020-08-31 07:07 - ChunChang (Nagaharu) Lo

- Redmine Environment Info:

```
  Redmine version              4.1.1.devel.19994
  Ruby version                 2.5.5-p157 (2019-03-15) [x86_64-linux]
  Rails version                5.2.4.2
  Environment                  production
  Database adapter             Mysql2
  Mailer queue                 ActiveJob::QueueAdapters::AsyncAdapter
  Mailer delivery              sendmail
SCM:
  Subversion                   1.10.2
  Git                          2.18.4
  Filesystem
Redmine plugins:
  no plugin installed
```

- Other Info
  - OS: CentOS Linux 8.2.2004
  - Web Server: Apache + Phusion Passenger
  - DB: MariaDB

#5 - 2020-08-31 07:14 - Go MAEDA

I found one of my Redmine instances also raises the exception if it runs in production mode.

Could you try the following workaround? Although I am not sure whether it is the right approach, it has fixed the issue on my affected environment.

```
Index: lib/redmine/twofa/totp.rb
===================================================================
--- lib/redmine/twofa/totp.rb    (revision 19994)
+++ lib/redmine/twofa/totp.rb    (working copy)
@@ -17,6 +17,8 @@
 # along with this program; if not, write to the Free Software
 # Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA.

+require_relative 'base'
+
 module Redmine
   module Twofa
     class Totp < Base
```

#6 - 2020-08-31 07:24 - ChunChang (Nagaharu) Lo

yes. this workaround did fix the error. :)

I will keep this line until next pull, thanks a lot.

#7 - 2020-08-31 23:46 - Go MAEDA

- Status changed from New to Closed

- Assignee set to Go MAEDA

- Affected version deleted (4.1.1)

Fixed in r19997. Thank you for reporting the issue.