

Redmine - Defect #37456

undefined local variable or method `twofa_scheme' after a redmine upgrade

2022-07-18 11:29 - dm_red mine

Status:	Needs feedback	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Accounts / authentication	Estimated time:	0.00 hour
Target version:		Affected version:	5.0.0
Resolution:			

Description

After a migration from Bitnami Redmine 3.0.1.stable on Windows Server 2008 to Bitnami Redmine 5.0.0 Debian OVA the following error shows up every time a user tries to login:

```
I, [2022-07-18T11:01:03.246954 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Started GET "/" for 192.168.72.160 at 2022-07-18 11:01:03 +0200
I, [2022-07-18T11:01:03.249250 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Processing by WelcomeController#index as HTML
I, [2022-07-18T11:01:03.256008 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Current user: anonymous
I, [2022-07-18T11:01:03.257374 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Redirected to http://192.168.239.153/login?back_url=http%3A%2F%2F192.168.239.153%2F
I, [2022-07-18T11:01:03.257590 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Filter chain halted as :check_if_login_required rendered or redirected
I, [2022-07-18T11:01:03.257947 #8025] INFO -- : [6f4db560-f176-4a6c-9010-f7bef4b6f7ca] Completed 302 Found in 8ms (ActiveRecord: 1.2ms | Allocations: 752)
I, [2022-07-18T11:01:03.280854 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Started GET "/login?back_url=http%3A%2F%2F192.168.239.153%2F" for 192.168.72.160 at 2022-07-18 11:01:03 +0200
I, [2022-07-18T11:01:03.282560 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Processing by AccountController#login as HTML
I, [2022-07-18T11:01:03.282683 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Parameters: {"back_url"=>"http://192.168.239.153/"}
I, [2022-07-18T11:01:03.287458 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Current user: anonymous
I, [2022-07-18T11:01:03.292440 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Rendered account/login.html.erb within layouts/base (Duration: 2.7ms | Allocations: 330)
I, [2022-07-18T11:01:03.301678 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Rendered layout layouts/base.html.erb (Duration: 12.0ms | Allocations: 1656)
I, [2022-07-18T11:01:03.302336 #8025] INFO -- : [49f13a86-d622-4b90-acd2-b824cf1e7a72] Completed 200 OK in 19ms (Views: 13.4ms | ActiveRecord: 0.5ms | Allocations: 2551)
I, [2022-07-18T11:01:16.137931 #8025] INFO -- : [1be66728-17aa-456e-93bf-0635666ef6b3] Started POST "/login" for 192.168.72.160 at 2022-07-18 11:01:16 +0200
I, [2022-07-18T11:01:16.140338 #8025] INFO -- : [1be66728-17aa-456e-93bf-0635666ef6b3] Processing by AccountController#login as HTML
I, [2022-07-18T11:01:16.140511 #8025] INFO -- : [1be66728-17aa-456e-93bf-0635666ef6b3] Parameters: {"utf8"=>"âœ“", "authenticity_token"=>"x0fmpZLHZaF7g3sihR1E/7RgJNdMO2x4SxL/gu24snlnKi+rI3qARS7kJTD/a2kKGYIkRTmms9uCX5rNcyX31A==", "yX31A==", "back_url"=>"/", "username"=>"redadmin", "password"=>"[FILTERED]", "login"=>"Login"}
I, [2022-07-18T11:01:16.147781 #8025] INFO -- : [1be66728-17aa-456e-93bf-0635666ef6b3] Current user: anonymous
I, [2022-07-18T11:01:16.276229 #8025] INFO -- : [1be66728-17aa-456e-93bf-0635666ef6b3] Completed 500 Internal Server Error in 135ms (ActiveRecord: 5.5ms | Allocations: 6161)
F, [2022-07-18T11:01:16.278634 #8025] FATAL -- : [1be66728-17aa-456e-93bf-0635666ef6b3] [1be66728-17aa-456e-93bf-0635666ef6b3] NameError (undefined local variable or method `twofa_scheme' for #<User id: 1, login: "redadmin", hashed_password: [FILTERED], firstname: "Administrador RedMine", lastname: "Admin", admin: true, status: 1, last_login_on: "2022-07-18 09:01:16.000000000 +0000", language: "en", auth_source_id: nil, created_on:
```

```
"2012-05-02 14:54:13.000000000 +0000", updated_on: "2014-02-24 10:32:49.000000000 +0000", type: "User", identity_url:
nil, mail_notification: "all", salt: "f9505b42a8bb5246025331e817604047", must_change_passwd: false, passwd_changed_on:
nil>
Did you mean? twofa_active?):
[1be66728-17aa-456e-93bf-0635666ef6b3]
[1be66728-17aa-456e-93bf-0635666ef6b3] app/models/user.rb:383:in `twofa_active?'
[1be66728-17aa-456e-93bf-0635666ef6b3] app/controllers/account_controller.rb:309:in `password_authentication'
[1be66728-17aa-456e-93bf-0635666ef6b3] app/controllers/account_controller.rb:296:in `authenticate_user'
[1be66728-17aa-456e-93bf-0635666ef6b3] app/controllers/account_controller.rb:33:in `login'
[1be66728-17aa-456e-93bf-0635666ef6b3] lib/redmine/sudo_mode.rb:61:in `sudo_mode'
```

The steps I followed during the migration:

1. Copy redmine/files from the old server to the new one and fix permissions.
2. Backup old db and import into the new server.
3. Run sudo rake db:migrate RAILS_ENV=production
4. Reboot.

Since the previous install is very old and this setting probably didn't exist I am getting those errors now. Unfortunately I do not know how to fix my db to stop giving errors with twofa, if anyone knows how to do it please let me know, I am stuck.

Old environment versions:

Environment:

```
Redmine version      3.0.1.stable
Ruby version         2.0.0-p594 (2014-10-27) [i386-mingw32]
Rails version        4.2.0
Environment          production
Database adapter     Mysql2
```

SCM:

```
Subversion          1.8.10
Git                 1.9.5
```

Filesystem

Redmine plugins:

no plugin installed

New environment:

<https://bitnami.com/stack/redmine>

```
Redmine version      5.0.0 stable
Ruby version         3.0.4p208 (2022-04-12 revision 3fa771dded) [x86_64-linux]
```

Thanks

History

#1 - 2022-07-18 11:31 - dm_red mine

- Status changed from New to Resolved

Opened a ticket on: <https://www.redmine.org/boards/2/topics/67406>

#2 - 2022-07-21 18:17 - Holger Just

- *Status changed from Resolved to Needs feedback*

twofa_scheme is a column on the users table (and thus a method on the User class). The column was introduced some time after the release of 3.0.1. If you get this error in your updated Redmine, it thus means that you have not (fully) run all migrations to update your database to your new version of Redmine.

Make sure you have configured the correct database for the production environment in your config/database.yml and run `bundle exec rake db:migrate RAILS_ENV=production` again. Also make sure that your application server which is actually running the application is also configured to use the production environment. It may be that it uses some other environment which you may have configured with some other (older) database.