

Redmine - Defect #34618

Cannot sign in when both enabling two-factor authentication and changing password are required

2021-01-23 08:12 - Go MAEDA

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Go MAEDA	% Done:	0%
Category:	Accounts / authentication	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Fixed		
Description			
<p>If a user is required to both enable two-factor authentication and change their password, the user will never be able to sign in due to a redirect loop between /my/password and /my/twofa/totp/activate/confirm.</p> <p>You can reproduce the issue by the following steps:</p> <ol style="list-style-type: none">1. Set "Two-factor authentication" (in Admin > Settings > Authentication) to "required"2. Enable "Must change password at next login" for a user without two-factor authentication enabled3. Try to login with the user <pre>Started GET "/" for 127.0.0.1 at 2021-01-23 15:51:42 +0900 Processing by WelcomeController#index as HTML (snip) Redirected to http://redmine-trunk.test/my/password Filter chain halted as :check_password_change rendered or redirected Completed 302 Found in 7ms (ActiveRecord: 1.7ms) Started GET "/my/password" for 127.0.0.1 at 2021-01-23 15:51:42 +0900 Processing by MyController#password as HTML (snip) Redirected to http://redmine-trunk.test/my/twofa/totp/activate/confirm Filter chain halted as :check_twofa_activation rendered or redirected Completed 302 Found in 20ms (ActiveRecord: 3.5ms) Started GET "/my/twofa/totp/activate/confirm" for 127.0.0.1 at 2021-01-23 15:51:42 +0900 Processing by TwofaController#activate_confirm as HTML (snip) Redirected to http://redmine-trunk.test/my/password Filter chain halted as :check_password_change rendered or redirected Completed 302 Found in 7ms (ActiveRecord: 1.7ms)</pre>			
Related issues:			
Related to Redmine - Feature #1237: Add support for two-factor authentication		Closed	2008-05-14

Associated revisions

Revision 20734 - 2021-02-02 08:15 - Go MAEDA

Fix redirect loop when both enabling two-factor authentication and changing password are required (#1237, #34618).

Patch by Go MAEDA.

History

#1 - 2021-01-23 08:13 - Go MAEDA

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

#2 - 2021-01-23 08:15 - Go MAEDA

- Description updated

#3 - 2021-01-23 08:19 - Go MAEDA

The following change fixes the issue.

```
diff --git a/app/controllers/twofa_controller.rb b/app/controllers/twofa_controller.rb
index a43663496..76eefe6b0 100644
--- a/app/controllers/twofa_controller.rb
+++ b/app/controllers/twofa_controller.rb
@@ -29,7 +29,7 @@ class TwofaController < ApplicationController

   require_sudo_mode :activate_init, :deactivate_init

-  skip_before_action :check_twofa_activation, only: [:select_scheme, :activate_init, :activate_confirm, :activate]
+  skip_before_action :check_twofa_activation, :check_password_change, only: [:select_scheme, :activate_init, :activate_confirm, :activate]

   def select_scheme
     @user = User.current
```

#4 - 2021-01-24 15:54 - Hide MATSUTANI

+1
This is the defect I reported to Maeda-san on twitter. Thank you for the rapid issuing.

#5 - 2021-01-30 08:16 - Go MAEDA

- File 34618.patch added

Attaching a patch to fix the issue.

#6 - 2021-02-02 08:15 - Go MAEDA

- Status changed from New to Closed
- Assignee set to Go MAEDA
- Resolution set to Fixed

Committed the fix in [r20734](#) as a part of [#1237](#).

Files

34618.patch	1.27 KB	2021-01-30	Go MAEDA
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