

## Redmine - Defect #16948

### Broken anonymous repository access for public projects with Apache 2.4 (redmine.pm)

2014-05-22 12:37 - Christian Günther

<b>Status:</b>	Closed	<b>Start date:</b>																											
<b>Priority:</b>	High	<b>Due date:</b>																											
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%																										
<b>Category:</b>	SCM extra	<b>Estimated time:</b>	0.00 hour																										
<b>Target version:</b>	2.6.9	<b>Affected version:</b>	2.5.1																										
<b>Resolution:</b>	Fixed																												
<b>Description</b>																													
<p>Hi there. I recently upgraded my redmine from 2.3 to 2.5.1. Now i have the same problem described in this stackoverflow post:</p> <p><a href="http://stackoverflow.com/questions/22638972/debug-apache-2-4-perlauthenhandler">http://stackoverflow.com/questions/22638972/debug-apache-2-4-perlauthenhandler</a></p> <p>Detailed: When my project is not public everything works fine (authentication with subsequent git clone). But when my project is public (Authentication required is disabled) than i get the internal server error message 500. In my error log on the server the following message appears:</p> <p>"AH00027: No authentication done but request not allowed without authentication for \$PATH. Authentication not configured?"</p> <p>Before upgrading it was possible for me to clone a public repository without authentication. Why it is currently disabled?</p> <p>Environment:</p> <table><tr><td>Redmine version</td><td>2.5.1.stable</td></tr><tr><td>Ruby version</td><td>2.0.0-p457 (2014-03-03) [x86_64-linux-gnu]</td></tr><tr><td>Rails version</td><td>3.2.17</td></tr><tr><td>Environment</td><td>production</td></tr><tr><td>Database adapter</td><td>Mysql2</td></tr></table> <p>SCM:</p> <table><tr><td>Subversion</td><td>1.8.8</td></tr><tr><td>Git</td><td>1.9.1</td></tr><tr><td>Filesystem</td><td></td></tr></table> <p>Redmine plugins:</p> <table><tr><td>redmine_embedded</td><td>0.0.2</td></tr><tr><td>redmine_http_auth</td><td>0.3.0-dev</td></tr><tr><td>redmine_mylyn_connector</td><td>2.8.2.stable</td></tr><tr><td>redmine_scm</td><td>0.4.2</td></tr><tr><td>redmine_webdav</td><td>0.6.0</td></tr></table>				Redmine version	2.5.1.stable	Ruby version	2.0.0-p457 (2014-03-03) [x86_64-linux-gnu]	Rails version	3.2.17	Environment	production	Database adapter	Mysql2	Subversion	1.8.8	Git	1.9.1	Filesystem		redmine_embedded	0.0.2	redmine_http_auth	0.3.0-dev	redmine_mylyn_connector	2.8.2.stable	redmine_scm	0.4.2	redmine_webdav	0.6.0
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#### Associated revisions

##### Revision 14883 - 2015-11-24 21:59 - Jean-Philippe Lang

Redmine.pm errors when cloning public project (#16948).

##### Revision 14914 - 2015-12-04 13:46 - Jean-Philippe Lang

Merged r14883 (#16948).

##### Revision 14915 - 2015-12-04 13:47 - Jean-Philippe Lang

Merged r14883 (#16948).

##### Revision 14916 - 2015-12-04 13:47 - Jean-Philippe Lang

Merged r14883 (#16948).

#### History

##### #1 - 2014-05-26 06:11 - Martin Denizet (redmine.org team member)

I experienced the same problem with Ubuntu 14.04 (Apache 2.4).  
Though the patch which consists in removing the "if" for anonymous access worked, I was not able to get Git Smart HTTP to work.

## #2 - 2014-06-12 09:21 - Suppasit Chuwatsawat

I have the same problem as Christian and Martin.  
Does anybody solve this problem yet?

## #3 - 2014-07-31 11:42 - nicholas tanner

Same troubles here on different instances (all Ubuntu 14.04 64 Bit,) and also on a freshly installed test instance..

## #4 - 2014-09-19 23:26 - Mark Anderson

Am stuck here too - Ubuntu 14/Apache 2.4 combo, 2.5.1 Redmine

Can anyone clarify this - do I remove the whole "if" construct or somehow modify it? removing it means NO handler will be set - is that the hack?

thanks folks!

Martin Denizet (redmine.org team member) wrote:

I experienced the same problem with Ubuntu 14.04 (Apache 2.4).

Though the patch which consists in removing the "if" for anonymous access worked, I was not able to get Git Smart HTTP to work.

## #5 - 2014-09-25 13:09 - Martin Denizet (redmine.org team member)

As far as I understand, the error occurs because there is no handler under certain settings. Removing the "if" removes the problem because then there is a handler every time.

I tried to make it work on my Ubuntu test VM hacking the Redmine.pm. I could not get Git Smart HTTP to work with Redmine.pm.

I would get a 404 error when trying to clone.

I will try again later if I have time.

## #6 - 2015-07-10 21:24 - Jorge S.

I have this also happening in 3.0.2

2 Projects, no one of them public. I get "abort: HTTP Error 500: Internal Server Error" when trying to clone.

If under Settings -> Authentication I set "Authentication required", then I would be prompted for credentials in the clone command.

## #7 - 2015-08-08 13:36 - Cyber Gen

I have discovered that when authentication fails, no matter if it's a public or private project, I always get a 500 error.

I do see a difference in the apache log. When authentication is correct I see no lines in the log. When authentication fails I see this

```
[Sat Aug 08 13:23:38.727989 2015] [authn_file:error] [pid 8989:tid 139932576245504] [client 192.168.192.100:52376] AH01619: AuthUserFile not specified in the configuration
```

I believe this to be a bug in the Redmine.pm file that doesn't return authentication when authentication fails.

## #8 - 2015-08-08 14:13 - Cyber Gen

I believe I have found a bug in the Redmine.pm file.

In sub access\_handler if authentication fails then OK is always return even though no access is allowed to the project. It is somewhere in that region that the bug is located.

## #9 - 2015-08-21 11:17 - Jonathan Tee

same error with Redmine 3.1 :-(

[Gen Va](#): AH01619: AuthUserFile not specified in the configuration  
add

```
AuthUserFile /dev/null
```

## #10 - 2015-11-24 14:52 - Holger Just

- File 0001-Set-user-to-empty-string-in-Redmine.pm-for-anonymous.patch added

Using [a StackOverflow answer](#), we at [Planio](#) have developed and tested a patch for this issue against current trunk, which I attached here.

The basic idea is that we forcefully set the username to an empty string if we directly return with an OK. This results in Apache understanding that we

have verified the empty username.

**#11 - 2015-11-24 21:57 - Jean-Philippe Lang**

- Subject changed from broken anonymous repository access for public projects (redmine.pm) to Broken anonymous repository access for public projects (redmine.pm)
- Status changed from New to Resolved
- Assignee set to Jean-Philippe Lang
- Target version set to 3.1.3
- Resolution set to Fixed

Thanks, I'm committing the patch but I don't see any changes to Redmine.pm between 2.3 and 2.5.1 that could cause this error.

Tests for the perl module include a git clone on a public project without authentication ([source:trunk/test/extra/redmine\\_pm/repository\\_git\\_test\\_pm.rb](#)), and it passes. Maybe it's related to the Apache version, the tests run on Apache 2.2.

**#12 - 2015-11-24 22:01 - Holger Just**

On Apache 2.2, this change is not necessary. It only becomes an issue on Apache 2.4 where they rather deeply changed how authentication works.

**#13 - 2015-11-24 22:04 - Jean-Philippe Lang**

- Subject changed from Broken anonymous repository access for public projects (redmine.pm) to Broken anonymous repository access for public projects with Apache 2.4 (redmine.pm)

Thanks for the clarification.

**#14 - 2015-11-28 07:00 - Jean-Philippe Lang**

- Target version changed from 3.1.3 to 2.6.9

**#15 - 2015-12-04 13:47 - Jean-Philippe Lang**

- Status changed from Resolved to Closed

**Files**

0001-Set-user-to-empty-string-in-Redmine.pm-for-anonymous.patch	913 Bytes	2015-11-24	Holger Just
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