

## Redmine - Defect #21855

### Gravatar get images over http instead https

2016-01-26 23:05 - Alexander Kupchenko

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jean-Philippe Lang	<b>% Done:</b>	0%
<b>Category:</b>	UI	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	3.3.0	<b>Affected version:</b>	3.2.0
<b>Resolution:</b>	Fixed		
<b>Description</b>			
Hello!			
Our redmine works via https, in preferences https is set up. But gravatars still use http-image links.			
Details in attached picture.			
<i>Your prompt reply will be highly appreciated!</i>			
<b>Related issues:</b>			
Related to Redmine - Patch # 18911: check Setting.protocol when determining g...		<b>Closed</b>	
Related to Redmine - Defect # 9365: Gravatar don't utilize HTTPS		<b>Closed</b>	<b>2011-10-03</b>

#### Associated revisions

##### Revision 15245 - 2016-03-15 22:52 - Jean-Philippe Lang

Use protocol-relative URL for gravatars (#21855).

Patch by Go MAEDA.

#### History

##### #1 - 2016-01-27 01:22 - Jérôme BATAILLE

It's because the detection of https is made with request.ssl? which does not work with https managed by front proxies.

A fix in app/helpers/application\_helper.rb :

```
def avatar(user, options = { })
  if Setting.gravatar_enabled?
    # The fix : checking if https is enabled in configuration
    options.merge!({:ssl => (Setting.protocol == 'https'), :default => Setting.gravatar_default})
    # options.merge!({:ssl => (request && request.ssl?), :default => Setting.gravatar_default})
    email = nil
    if user.respond_to?(:mail)
      email = user.mail
    elsif user.to_s =~ %r{<(.*?)>}
      email = $1
    end
    return gravatar(email.to_s.downcase, options) unless email.blank? rescue nil
  else
    ""
  end
end
```

end

**#2 - 2016-01-28 16:59 - Go MAEDA**

- File *gravatar-protocol-relative-url.diff* added

Using protocol relative URL (begins with two slash characters, e.g. `//www.gravatar.com/avatar/...`) will resolve this issue. Please take a look at this patch: `attachment:gravatar-protocol-relative-url.diff`

Redmine don't have to know whether it is accessed via HTTPS or HTTP because web browsers choose appropriate protocol to access Gravatar.

**#3 - 2016-02-08 13:57 - Go MAEDA**

- Related to Patch #18911: check *Setting.protocol* when determining gravatar protocol added

**#4 - 2016-02-08 13:58 - Go MAEDA**

- Related to Defect #9365: Gravatar don't utilize HTTPS added

**#5 - 2016-02-08 13:59 - Go MAEDA**

- Target version set to 3.3.0

**#6 - 2016-03-10 01:04 - Ken Zalewski**

I am confirming this issue when running Redmine 3.2.0 with Passenger 5.0.22.

The protocol setting (Settings->General->Protocol) is ignored, because the logic in `application_helper.rb` is flawed.

The suggested patch in Note 1 above seems to work fine.

**#7 - 2016-03-15 22:53 - Jean-Philippe Lang**

- Status changed from *New* to *Closed*  
- Assignee set to *Jean-Philippe Lang*  
- Resolution set to *Fixed*

Jérôme BATAILLE wrote:

*It's because the detection of https is made with `request.ssl?` which does not work with https managed by front proxies.*

*A fix in `app/helpers/application_helper.rb` :*

*[...]*

The same "fix" was applied in r10184 and reverted soon after, see #9365 for more details.

I've committed the solution proposed by Go Maeda in r15245. Thanks.

**#8 - 2016-03-18 14:00 - Ken Zalewski**

I see that this issue has been closed, but I want to mention that this problem persists into version 3.2.1. Apparently, the patch did not make it in to 3.2.1, which is unfortunate.

I will hand-edit the files for now, and anticipate the 3.2.2 release.

**#9 - 2016-03-18 14:07 - Ken Zalewski**

I am confirming that the Go Maeda patch in r15245 resolves the issue.

**#10 - 2016-03-18 14:11 - Ken Zalewski**

I need to take that back. I am now getting a full SSL connection, which is great. However, after applying that patch, Gravatars are no longer being displayed at all.

Is there something else I need to do?

**#11 - 2016-03-18 14:19 - Ken Zalewski**

After clearing my browser's cache, all is fine! Gravatars are being properly displayed within a full SSL environment. There are no non-SSL components, so the site is considered fully secured.

Thank you.

**#12 - 2016-03-19 09:02 - Jean-Philippe Lang**

Ken Zalewski wrote:

*I see that this issue has been closed, but I want to mention that this problem persists into version 3.2.1. Apparently, the patch did not make it in to 3.2.1, which is unfortunate.*

*I will hand-edit the files for now, and anticipate the 3.2.2 release.*

As you can see, this issue is assigned to 3.3.0, and the fix was not included in 3.2.1

**#13 - 2016-03-21 12:06 - Ken Zalewski**

Yes, I do see that now. I missed that when I was testing the 3.2.1 release.

I will anticipate the 3.3.0 release then. :-)

**#14 - 2016-08-26 12:28 - Helge Sychla**

We are on version 3.3.0.stable.15633 and the avatars are still pulled using HTTP.

I checked the code and the changes from r15245 are in there.

We are using a couple of plugins from redminecrm.com, could they be doing something that reverts this patch?

#### #15 - 2017-01-09 12:36 - Helge Sychla

Just in case somebody else is having this problem and gets here via Google:

We were missing

```
proxy_set_header X-Forwarded-Proto $scheme;
```

in our nginx config so redmine was not aware that the original request was HTTPS.

Added that and now the whole page is HTTPS again.

#### Files

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gravatar.jpg	204 KB	2016-01-26	Alexander Kupchenko
gravatar-protocol-relative-url.diff	1.92 KB	2016-01-28	Go MAEDA