

## Redmine - Defect #13698

### Wrong argument error when sending email notifications after upgrading to 2.3.0

2013-04-05 19:34 - Mike Johnson

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Status:</b> Closed                | <b>Start date:</b>               |
| <b>Priority:</b> Normal              | <b>Due date:</b>                 |
| <b>Assignee:</b>                     | <b>% Done:</b> 0%                |
| <b>Category:</b> Email notifications | <b>Estimated time:</b> 0.00 hour |
| <b>Target version:</b>               | <b>Affected version:</b> 2.3.0   |
| <b>Resolution:</b> Invalid           |                                  |

**Description**

Email notifications were working yesterday. I upgraded to Redmine 2.3.0 last night, and today I noticed email notifications weren't being sent out. I tried to send a test email and received the following error message:

```
| An error occurred while sending mail (wrong argument (Fixnum)! (Expected kind of OpenSSL::SSL::SSLContext))
```

I checked my configuration.yml to make sure it was copied over from the earlier version (2.1.2), and it was:

```
production:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      address: ourdomain.mail.eo.outlook.com
      port: 25
      domain: redmine.ourdomain.com
```

I have tried changing the delivery method to **async\_smtp** but received the same error message. As you can see from the configuration, there is no SSL/TLS and no authentication. I also tried changing the domain name to a non-existent name, and received the same error.

Here is my environment information:

**Server OS:** FreeBSD 9.  
**Redmine version:** 2.3.0.stable  
**Ruby version:** 1.8.7 (amd64-freebsd9)  
**Rails version:** 3.2.13  
**Environment:** production  
**Database adapter:** MySQL

**Related issues:**

|  |               |
|--|---------------|
| Related to Redmine - Defect # 14174: email sending problem when update 2.2.3...  | <b>Closed</b> |
| Related to Redmine - Defect # 15775: Email delivery error: wrong argument (Fi... | <b>Closed</b> |

#### History

#1 - 2013-04-06 01:02 - Mike Johnson

- Status changed from New to Resolved

This just started working on its own somehow. I have no idea what the problem was :(

**#2 - 2013-04-06 06:25 - Toshi MARUYAMA**

- Status changed from Resolved to Closed

Thank you for your feedback.

**#3 - 2013-04-11 16:20 - Sebastián Moreno**

- File Firefox.png added

Hey guys, I'm running on the exact same problem. I upgraded to 2.3.0 and mail just stopped working.

**Email Configuration:**

default:

email\_delivery:

delivery\_method: :smtp

smtp\_settings:

address: mail.domain.com

port: 25

domain: "domain.com"

authentication: :login

user\_name: "no-reply@domain"

openssl\_verify\_mode: "none"

I don't even know were to look. :(

**Server OS:** Debian Squeeze 6.0.6.

**Redmine version:** 2.3.0.stable

**Ruby version:** ruby 1.8.7 (2010-08-16 patchlevel 302) [x86\_64-linux]

**Rails version:** 3.2.13

**Environment:** production

**Database adapter:** MySQL

Thanks!

**#4 - 2013-04-11 17:00 - Toshi MARUYAMA**

- Status changed from Closed to Reopened

**#5 - 2013-04-12 17:35 - Sebastián Moreno**

There is anything I can do to give you more information? Some kind of log or something?

**#6 - 2013-04-12 17:39 - Etienne Massip**

Try sending a test email from Administration/Settings tab and have a look to your production.log contents.

**#7 - 2013-04-12 18:51 - Sebastián Moreno**

Ok, I did it, but there is nothing related to the send mail error, just the rendering of the page and sql queries.

**#8 - 2013-04-12 20:00 - Etienne Massip**

- Status changed from Reopened to Closed
- Resolution set to Invalid

Move your settings from the default entry to the production one (at the end of the file).

**#9 - 2013-04-12 20:16 - Sebastián Moreno**

Changed to this:

```
production:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      address: mail.*****.com
      port: 25
      domain: "*****.com"
      authentication: :login
      user_name: "no-reply@*****.com"
      password: "*****"
      openssl_verify_mode: "none"
```

Nothing happened, same error.

I don't have any other configuration on the file. If I change (for example the last line: openssl\_verify\_mode) the error is different (a previous mailer error) so I think it's using correctly the config.

**#10 - 2013-04-13 10:17 - Toshi MARUYAMA**

- Status changed from Closed to Reopened

**#11 - 2013-04-13 10:18 - Toshi MARUYAMA**

- Resolution deleted (Invalid)

**#12 - 2013-04-13 12:51 - Toshi MARUYAMA**

Could you try this?

<http://www.redmine.org/boards/2/topics/37008>

**#13 - 2013-04-15 09:12 - Etienne Massip**

I think Toshi is right, I didn't see your screenshot in the first place.

**#14 - 2013-04-15 17:03 - Sebastián Moreno**

Perfect! It works! Thanks a lot guys :)

**#15 - 2013-04-15 18:21 - Etienne Massip**

- Status changed from Reopened to Closed

- Resolution set to Invalid

**#16 - 2013-05-17 12:26 - Jorge Cabrera**

Hi, I'm having the same problem after upgrading to 2.3.1. Toshi's solution didn't work on my case because Exchange Online requires TLS. I opened an issue with this (#37885). Can someone please guide me on how to solve this problem? My configuration is this:

```
production:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      enable_starttls_auto: true
      address: "pod51016.outlook.com"
      port: '587'
      authentication: :login
      user_name: "theuser@thedomain"
      password: "thepassword"
```

**#17 - 2013-05-17 15:05 - Jean-Philippe Lang**

First, try to remove the quotes around the port then restart Redmine.

**#18 - 2013-05-17 17:34 - Artur Smolarek**

I can confirm Jorge's problem. I have already updated Redmine to 2.3.1.

My e-mail configuration looks like:

```
default:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      address: "xyz.com"
      port: 587
      authentication: :login
      user_name: "user@xyz.com"
      password: "mypasswd"
      enable_starttls_auto: true
```

Output of the mail test:

```
An error occurred while sending mail (wrong argument (NilClass)! (Expected kind of OpenSSL::SSL::SSLContext))
```

I tried also to install "always\_verify\_ssl\_certificates" gem but without any positive results.

Any idea?

**#19 - 2013-05-24 13:26 - Rodrigo Braz**

I still have the same problem as above, no recommended fix worked.  
Stopped working after the update to 2.3, and I'm using settings for a google apps email.

I think it has something to do with the `openssl_verify_mode` property. I have it set to

```
openssl_verify_mode: 'none'
```

but if I remove the line the error changes to wrong argument (NilClass) instead of (FixNum).

**#20 - 2013-05-24 17:57 - BTR Naidu**

Same error here. Any more ideas guys?

**#21 - 2013-05-24 23:41 - Oscar Moncada**

I'm having a similar issue, just updated to version 2.3.1 and I can't get the notification emails to work.

I get the following error:

```
An error occurred while sending mail (wrong argument (NilClass)! (Expected kind of OpenSSL::SSL::SSLContext))
```

This is my configuration:

```
production:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      address: smtp.gmail.com
      port: 587
      domain: smtp.gmail.com
      authentication: :plain
      user_name: my.address@my-domain.com
      password: mypassword
```

This is my redmine environment:

```
Environment:
  Redmine version      2.3.1.stable
  Ruby version         1.8.7 (x86_64-linux)
  Rails version        3.2.13
  Environment          production
  Database adapter     Mysql2
Redmine plugins:
  no plugin installed
```

I've tried everything from switching to `async_smtp` (which generates a success message but does not send out the email) to setting `enable_starttls_auto` to `false` (which generates a different error message that says I must set the `starttls` first) to using/not using quotes on the username and password parameters, etc. Nothing seems to work :-)

Any help would be greatly appreciated!

#### **#22 - 2013-05-25 19:16 - Dmitry Glavchev**

I managed somehow to resolve this for non-SSL/TLS case. Not sure how exactly, I was just playing with config and was going to debug ruby gems responsible for mail delivery but suddenly it just started sending emails. My Redmine is 2.3.1-devel and here is my email config:

```
default:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      enable_starttls_auto: false
      address: smtp.someserver.com
      port: 25
      authentication: :login
      user_name: usernameWithoutQuotes
      password: passwordWithoutQuotes
      openssl_verify_mode: 'none'
```

Please also note that I've added same `email_delivery` stuff in `production` section in the end of the file `configuration.yml`.

Certainly some of those configuration settings helped but now I don't want to touch anything :) let it just work.

After changing config restart your Redmine webserver, it looks like ruby scripts can be heavily cached.

#### **#23 - 2013-05-25 23:48 - BTR Naidu**

Did you use gmail smtp server? I see you are using port 25. Guess gmail does not use port 25?

#### **#24 - 2013-05-27 06:13 - Anonymous**

I use `sendmail` function on CentOS 5.8 final, but I also have the same problem. On setting in Administrator, I used "send test email" And redmine said "sent successful" but I did not receive any email

#### **#25 - 2013-05-28 09:51 - BTR Naidu**

Any update guys? Anybody had similar issue before and were able to resolve?

#### **#26 - 2013-05-28 11:10 - XDjuj Apsulis**

Like answered before, the fix is here :

- <http://www.redmine.org/boards/2/topics/37008>

Juste change "openssl\_verify\_mode 'none'" with "enable\_starttls\_auto: false" in your config/configuration.xml file.

In my simple case, it now works with :

```
# default configuration options for all environments
default:
# Outgoing emails configuration (see examples above)
email_delivery:
  delivery_method: :smtp
  smtp_settings:
    address: localhost
    port: 25
    domain: mydomain.com
    enable_starttls_auto: false
# openssl_verify_mode: 'none' ==> this line is not working anymore on redmine 2.3.x
# authentication: :login
# user_name: "redmine@example.net"
# password: "redmine"

# Absolute path to the directory where attachments are stored.
```

#### #27 - 2013-05-28 21:06 - Rodrigo Braz

XDjuj Apsulis wrote:

```
| Like answered before, the fix is here :
| - http://www.redmine.org/boards/2/topics/37008
|
| Juste change "openssl_verify_mode 'none'" with "enable_starttls_auto: false" in your config/configuration.xml file.
|
| In my simple case, it now works with :
| [...]
|
```

This is not a solution. Some email config require tls, which is the case of gmail, so setting it to false won't work anyway.

Removing "openssl\_verify\_mode" and setting "enable\_starttls\_auto: true" will give the following error

```
An error occurred while sending mail (wrong argument (NilClass)! (Expected kind of OpenSSL::SSL::SSLContext))
```

#### #28 - 2013-05-28 23:27 - Oscar Moncada

I tried making those changes and still get the same error as before. Has anyone gotten this to work with gmail?

**#29 - 2013-05-29 12:25 - Peter Panther**

The problem

An error occurred while sending mail (wrong argument (NilClass)! (Expected kind of OpenSSL::SSL::SSLContext))

ist caused by the gem package 'mail' in version 2.5.4 (released on the 14th of may 2013)  
(for further details have a look at <https://github.com/mikel/mail/issues/548>)

All Redmine installations/updates after this date will have the TLS-negotiation problem if ruby 1.8.7 is still used.  
Downgrade to version 2.5.3 and TLS-encryption works as before.....

**#30 - 2013-05-29 16:55 - Mikael Nehlsen**

I also have this problem, A small question for a non fluent ruby speaker. how do you downgrade mail I did

```
gem install mail -v 2.5.3  
gem uninstall mail -v 2.5.4
```

but then I got a nice big error in my redmine installation saying something like this:

Could not find mail-2.5.4 in any of the sources (Bundler::GemNotFound)

**#31 - 2013-05-29 18:04 - Mikael Nehlsen**

Being impatient I tried some things and found out that what did work was

```
gem install mail -v 2.5.3
```

edit the file Gemfile.lock in the redmine root dir update from mail (2.5.4) to mail (2.5.3) and restart in my case apache.

**#32 - 2013-05-30 00:56 - Oscar Moncada**

Downgrading to mail -v 2.5.3 fixed the issue for me. THANK YOU!!!!

**#33 - 2013-05-30 12:02 - Anonymous**

This solution is not work for me. Downgrading to 2.5.3 the problem is not change. Please view my issue at:  
<http://www.redmine.org/boards/2/topics/37850>

**#34 - 2013-07-16 10:15 - Kuba Zwolinski**

Downgrading mail worked for me, thanks.

**#35 - 2013-07-19 09:52 - Tomas Latal**

Downgrading to mail 2.5.3 and changing dependency in Gemfile.lock from mail 2.5.4 to 2.5.3 worked for me too. Thank you.



**#36 - 2013-08-15 15:53 - Christian Rost**

Mikael Nehlsen wrote:

```
Being impatient I tried some things and found out that what did work was  
gem install mail -v 2.5.3  
edit the file Gemfile.lock in the redmine root dir update from mail (2.5.4) to mail (2.5.3) and restart in my case apache.
```

That did it - downgraded mail to 2.5.3; changed mail dependency in Gemfile.lock to 2.5.3; restarted apache; notification mails are sent again. ;-)

**#37 - 2013-09-12 15:56 - Raphael PRIVAT**

Hello,

I had the same problem with my gmail account and downgrading to 2.5.3 worked.

BUT ... It only works with gmail !

I have a mail server with TLS that I used to access from an older Redmine version (2.1.2 , mail 2.4.4) and everything worked.

Now, with the same configuration.yml (2.3.2, mail 2.5.3 or 2.5.4) it doesn't work.

```
smtp_settings:  
  enable_starttls_auto: true  
  openssl_verify_mode : 'none'  
  address: "mail.mydomain.com"  
  port: 587  
  domain: "mydomain.com"  
  authentication: :plain  
  user_name: user@mydomain.com  
  password: userpass
```

My certificate is auto signed so I have to set openssl\_verify\_mode : 'none' and TLS is mandatory.

user and password quoted or unquoted, nothing will do the trick.

Did someone manage to use a TLS account other than GMail ?

**#38 - 2013-09-16 14:59 - Vladimir Skubriev**

```
My certificate is auto signed so I have to set openssl_verify_mode : 'none' >and TLS is mandatory.  
user and password quoted or unquoted, nothing will do the trick.
```

I think that it is not ruby mail 2.5.4 problem.

I think that problem is you own Certificate Authority is not trusted by a redmine server system running.

google: update-ca-certificates and other methods to add ca to system store /etc/ssl

**#39 - 2013-09-24 12:40 - Vladimir Skubriev**

I changed the setting "tls" to false and it worked.

See part of my configuration.yml

```
# default configuration options for all environments
default:
  # Outgoing emails configuration (see examples above)
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      tls: false
      enable_starttls_auto: true
      address: "smtp.yandex.ru"
      port: '587'
      domain: mydomainatyandex.com
      authentication: :plain
      user_name: "user@mydomainatyandex.com"
      password: "pass"
```

Also this work with 2.5.3 and 2.5.4 mail gem version.

I suspect that the port is not significant. You can use 25 or 587 with yandex. With google best way to use 587 port.

#### #40 - 2013-10-17 16:06 - Adrien Crivelli

Same here, ran `sudo gem install mail -v 2.5.3` and edited Gemfile.lock manually to re-enable email notifications.

In my opinion this issue should not be closed until a new mail version is released, which would [actually fix the bug](#).

#### #41 - 2013-10-24 17:30 - Yuri Yurip

Hello people,

I will to become crazy with this mail notification !

I always get this error message:

Erreur lors de l'envoi de l'email (wrong argument (NilClass)! (Expected kind of OpenSSL::SSL::SSLContext))

Already try to:

-Downgrade mail version to 2.5.3.

-Change configuration file with different parameters

My config:

Ubuntu 12.x LTS 64 bit under VM

Environment:

|                 |  |
|-----------------|--|
| Redmine version | 2.3.3.stable                           |
| Ruby version    | 1.8.7-p352 (2011-06-30) [x86_64-linux] |
| Rails version   | 3.2.13                                 |
| Environment     | production                             |

Database adapter MySQL

Redmine plugins:  
no plugin installed

My configuration.yml file:

```
production:
  email_delivery:
    delivery_method: :smtp
    smtp_settings:
      enable_starttls_auto:false
      openssl_verify_mode: 'none'
      address: "smtp.gmail.com"
      port: '587'
      domain: "smtp.gmail.com"
      authentication: :plain
      user_name: email_name
      password: my_password
```

Any help will be appreciated thank !

**#42 - 2013-11-13 13:58 - Сергей Нерволь**

All work fine.

apt-cache policy ruby1.9.3

ruby1.9.3:

Установлен: 1.9.3.0-1ubuntu2.7

Кандидат: 1.9.3.0-1ubuntu2.7

Environment:

```
Redmine version      2.3.3.stable
Ruby version         1.8.7-p352 (2011-06-30) [x86_64-linux]
Rails version        3.2.13
Environment          production
Database adapter     PostgreSQL
```

Redmine plugins:  
no plugin installed

My actions to make it works:

1. Changed Gemfile.lock: changed line mail (2.5.4) --> mail (2.5.3)
2. gem install mail -v 2.5.3
3. gem uninstall mail -v 2.5.4
4. service apache2 restart

cat ./configuration.yml

```
production:
  delivery_method: :smtp
  smtp_settings:
    enable_starttls_auto: true
    address: smtp.gmail.com
```

```
port: 587
domain: "my.domain"
authentication: :login
user_name: "robot@my.domain"
password: "password"
```

#### #43 - 2013-11-25 12:50 - Erlend ter Maat

When I downgrade mail to 2.5.3 a dependency for actionmailer breaks.

How can I downgrade "mail" without breaking the dependency?

#### #44 - 2013-12-21 10:17 - Plam Sim

Downgrade to 2.5.3 and changing dependencies in "Gemfile.lock" - 2 rows for mail.

However only after implementing the right syntax described in <http://www.redmine.org/boards/2/topics/30670> worked for me.

Redmine 2.4.1 with Gmail SMTP method.

#### #45 - 2013-12-30 11:46 - Jan from Planio [www.plan.io](http://www.plan.io)

- Related to Defect #15775: Email delivery error: wrong argument (Fixnum)! (Expected kind of OpenSSL::SSL::SSLContext) added

#### #46 - 2014-06-29 18:58 - Miquel Coll

Mikael Nehlsen wrote:

*Being impatient I tried some things and found out that what did work was*

```
gem install mail -v 2.5.3
```

*edit the file Gemfile.lock in the redmine root dir update from mail (2.5.4) to mail (2.5.3) and restart in my case apache.*

Thanks! This also worked for me. I'm using redmine 2.4.5 and a Gmail account in configuration.yml.

#### #47 - 2014-10-06 17:52 - Alexander Dunin

My settings for mandrill

```
email_delivery:
  delivery_method: :smtp
  smtp_settings:
    address: "smtp.mandrillapp.com"
    port: 587
    domain: "smtp.mandrillapp.com"
    authentication: :plain
    user_name: "username@example.com"
    password: "password"
```

```
openssl_verify_mode: OpenSSL::SSL::VERIFY_NONE
enable_starttls_auto: false
```

#### #48 - 2014-11-24 06:47 - Jin Ma

My Redmine version is 2.6.0

When I configure my email, I got an error:

Email delivery error: wrong argument (Fixnum)! (Expected kind of OpenSSL::SSL::SSLContext)

here is my configs

```
production:
  delivery_method: :smtp
  smtp_settings:
    ssl: true
    enable_starttls_auto: true
    openssl_verify_mode: 'none'
    address: "smtp.exmail.qq.com"
    port: 465
    domain: "zuinianqing.com"
    authentication: :login
    user_name: "redmine@zuinianqing.com"
    password: "XXXXXXX"
```

Could you help me?

#### #49 - 2015-02-14 11:55 - Allen Huang

I found the solution from <http://www.parorrey.com/blog/project-management/redmine-email-configuration-resolve-sending-email-notifications/> works for me.

The key is adding followings to configuration.yml file

```
enable_starttls_auto: false
openssl_verify_mode: none
```

## Files

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|             |         |            |                  |
|-------------|---------|------------|------------------|
| Firefox.png | 12.1 KB | 2013-04-11 | Sebastián Moreno |
|-------------|---------|------------|------------------|