Redmine - Feature #16823

IMAP STARTTLS support

2014-05-07 13:59 - Jan Pipek

Status:	Closed	**Start date:**	
Priority:	Low	**Due date:**	
Assignee:	Jean-Baptiste Barth	**% Done:**	0%
Category:	Email receiving	**Estimated time:**	0.00 hour
Target version:	3.0.0		
Resolution:	Fixed		

Description

Dear developers of Redmine,

I was setting up receiving emails along the guidelines in http://www.redmine.org/projects/redmine/wiki/RedmineReceivingEmails . Our IMAP server listens on port 143, but not on the SSL port 993. It does not accept password in PLAIN format by default, for that you have to switch to TLS. Current Redmine code does not enable to configure this :-(

I think this situation might be quite common and so the possibility to use TLS (supported by Net::IMAP) might be appreciated by many users. I am including a patch (basicly a git diff) that proposes the solution by adding another option ('tls') similar to 'ssl'. I am not an expert on mail services so the code clearly has to be evaluated by someone, but at least it works for me (applied on v2.3.2).

```
diff --git a/lib/redmine/imap.rb b/lib/redmine/imap.rb
index 093ac3e..52e1040 100644
--- a/lib/redmine/imap.rb
+++ b/lib/redmine/imap.rb
@@ -24,9 +24,13 @@ module Redmine
         host = imap_options[:host] || '127.0.0.1'
         port = imap_options[:port] || '143'
         ssl = !imap_options[:ssl].nil?
+        tls = !imap_options[:tls].nil?
         folder = imap_options[:folder] || 'INBOX'

         imap = Net::IMAP.new(host, port, ssl)
+        if tls
+          imap.starttls
+        end
         imap.login(imap_options[:username], imap_options[:password]) unless imap_options[:usernam
e].nil?
         imap.select(folder)
         imap.uid_search(['NOT', 'SEEN']).each do |uid|
diff --git a/lib/tasks/email.rake b/lib/tasks/email.rake
index 934070e..302328d 100644
--- a/lib/tasks/email.rake
+++ b/lib/tasks/email.rake
@@ -84,6 +84,7 @@ Available IMAP options:
   host=HOST                IMAP server host (default: 127.0.0.1)
   port=PORT                IMAP server port (default: 143)
   ssl=SSL                  Use SSL? (default: false)
+  tls=TLS                  Use TLS? (default: false)
   username=USERNAME        IMAP account
   password=PASSWORD        IMAP password
   folder=FOLDER            IMAP folder to read (default: INBOX)
@@ -124,6 +125,7 @@ END_DESC
       imap_options = {:host => ENV['host'],
                       :port => ENV['port'],
                       :ssl => ENV['ssl'],
+                      :tls => ENV['tls'],
                       :username => ENV['username'],
                       :password => ENV['password'],
                       :folder => ENV['folder'],
```

I hope my idea is at least somewhat interesting and useful.

Regards,
Jan

Related issues:

Related to Redmine - Defect #19232: IMAP STARTTLS options typo :tls	**Closed**

Associated revisions

Revision 13950 - 2015-01-27 21:54 - Jean-Philippe Lang

IMAP STARTTLS support (#16823).

Patch by Jan Pipek.

History

#1 - 2014-08-28 12:02 - T. Hauptman

+1

I just had this problem and the patch fixed it for me.

#2 - 2014-09-06 06:16 - Jean-Baptiste Barth

- Assignee set to Jean-Baptiste Barth

- Target version set to Candidate for next minor release

Looks good to me. Can you confirm it is automatically activated by Net::IMAP depending on the port ? I mean, if port is 993, I think starttls is performed automatically. My question is just for improving task description, the rest looks OK.

#3 - 2014-09-09 10:28 - Jan Pipek

Dear Jean-Baptiste,
my patch does not do any guessing (I believe default port is 143), it is up to the user to select SSL or TLS or nothing AND the port (see the redmine/imap.rb code), but it can be implemented easily, for sure.

#4 - 2015-01-23 14:03 - Dmitry Kushpet

+1

Really useful idea.

Same problem. Patch helped.

#5 - 2015-01-27 21:54 - Jean-Philippe Lang

- Subject changed from IMAP TLS support (with proposed patch) to IMAP STARTTLS support

- Status changed from New to Closed

- Target version changed from Candidate for next minor release to 3.0.0

- Resolution set to Fixed

Patch applied, with tls option renamed to starttls. Thanks.

#6 - 2015-02-25 18:01 - Marcel Müller

Jean-Philippe: Just wanted to make sure that this line is actually correct?! With your renaming to "starttls" shouldn't that be

```
starttls = !imap_options[:starttls].nil?
```

instead of

```
starttls = !imap_options[:tls].nil?
```

#7 - 2015-03-03 16:33 - Toshi MARUYAMA

Marcel Müller wrote:

> With your renaming to "starttls" shouldn't that be
> [...]
> instead of

[...]

I have created #19232.

#8 - 2015-03-07 05:53 - Go MAEDA

- Related to Defect #19232: IMAP STARTTLS options typo :tls added