after upgrading from redmine from 3.0-stable to 4.0-stable, i started getting intermittent failures:

ActiveRecord::ConnectionTimeoutError (could not obtain a connection from the pool within 5.000 seconds (waited 5.005 seconds); all pooled connections were in use):
app/models/setting.rb:235:in `check_cache'
app/controllers/application_controller.rb:90:in `user_setup'

using uwsgi/nginx - journalctl shows this error:

SIGPIPE: writing to a closed pipe/socket/fd (probably the client disconnected) on request /issues/227>
uwsgi_response_writev_headers_and_body_do(): Broken pipe [core/writer.c line 306] during GET /issues/>

i tried increasing the number of rails db pool connections and timeout, but that did not seem to help

$ bin/about

sh: hg: command not found
sh: cvs: command not found
sh: bzr: command not found

Environment:
Redmine version                4.0.2.stable
Ruby version                   2.6.1-p33 (2019-01-30) [x86_64-linux]
Rails version                  5.2.2
Environment                    production
Database adapter               PostgreSQL
Mailer queue                   ActiveJob::QueueAdapters::AsyncAdapter
Mailer delivery                sendmail

SCM:
Subversion                     1.11.1
Git                              2.21.0

Redmine plugins:  
parabola                         0.0.1

Related issues:
Duplicated by Redmine - Defect # 31363: 500 Internal Server Error  Closed
#1 - 2019-04-25 22:00 - bill auger

it often coincides with the firing of an asynchronous outgoing mail event with 10 or so recipients

Performing ActionMailer::DeliveryJob (Job ID: N) from Async(mailers)

#2 - 2019-09-22 05:06 - Go MAEDA
- Category set to Database

#3 - 2019-11-08 15:42 - pasquale [:dedalus]

The same issue here.

Environment:
- Redmine version 4.0.5.stable
- Ruby version 2.5.7-p206 (2019-10-01) [x64-mingw32]
- Rails version 5.2.3
- Environment production
- Database adapter Mysql2
- Mailer queue ActiveJob::QueueAdapters::AsyncAdapter
- Mailer delivery smtp

SCM:
- Mercurial 5.1.2
- Git 2.19.1
- Filesystem

maybe there is related to #32314?

#4 - 2020-04-11 10:23 - Marius BALTEANU
- Status changed from New to Needs feedback

pasquale [:dedalus] wrote:

The same issue here.

[…]

maybe there is related to #32314?

@pasquale, after you changed the Mailer queue to Sidekiq in #32314, did this error reproduce again?

@bill auger, please see the notes from #32314#note-15 and #32314#note-16, you should not use in production the AsyncAdapter. Maybe your server remains without memory because of the mail queue (it's just a supposition).

#5 - 2020-04-11 10:24 - Marius BALTEANU
- Duplicated by Defect #31363: 500 Internal Server Error added
Marius BALTEANU wrote:

`pasquale [:dedalus] wrote:

The same issue here.

[...]

maybe there is related to #32314?

@pasquale, after you changed the Mailer queue to Sidekiq in #32314, did this error reproduce again?

No, it works like a charm!

#7 - 2020-04-11 10:47 - Marius BALTEANU

pasquale [:dedalus] wrote:

Marius BALTEANU wrote:

`pasquale [:dedalus] wrote:

The same issue here.

[...]

maybe there is related to #32314?

@pasquale, after you changed the Mailer queue to Sidekiq in #32314, did this error reproduce again?

No, it works like a charm!

Thanks for your quick response.

@bill auger, please try with another adapter and let us how it works.

#8 - 2020-04-13 11:13 - jianmin Zhang

Hello,

The error display that “all pooled connections were in use” Is there a concept about connection-pool in Redmine. This Problems arise when the number of users exceeds 1000. The number of people will increase in the future. If NO connection-pool in Redmine, Maybe I can change the maximum number of connections to the database.

Thanks!