Foreman - Bug #24220

In development: ActiveRecord::ConnectionTimeoutError in the logs..Recovers after a few attempts..

07/10/2018 01:28 PM - Samir Jha

Status: Closed
Priority: Normal
Assignee: Ivan Necas
Category: Development tools
Target version: 1.19.0

Pull request:
https://github.com/theforeman/foreman/pull/5822,
https://github.com/theforeman/puppet-katello_devel/pull/165,
https://github.com/theforeman/foreman/pull/5827

Difficulty: 

Triaged: No
Fixed in Releases: 1.19.0

Bugzilla link:

Description
Get this error in the logs and the server takes some time to load since all connections are busy at the moment. ActiveRecord::ConnectionTimeoutError (could not obtain a connection from the pool within 5.000 seconds (waited 5.000 seconds); all pooled connections were in use)

Associated revisions

Revision d1778057 - 07/12/2018 10:49 AM - Ivan Necas

Refs #24220 - increase recommended pool size for the db (#165)

Since Rails 5, it seems the webrick is not limited on single request at a time, which leads to 500s when loading the dashboards, especially with plugins.

Suggesting to increase the default pool size in the database.yml to avoid users running into this.

Revision 8c7be857 - 07/12/2018 11:43 AM - Ivan Necas

Fixes #24220 - increase recommended pool size for the db

Since Rails 5, it seems the webrick is not limited on single request at a time, which leads to 500s when loading the dashboards, especially with plugins.

Suggesting to increase the default pool size in the database.yml to avoid users running into this.

History

#1 - 07/11/2018 05:56 PM - Justin Sherrill
- Category deleted (81)

03/26/2022
We've seen this a lot in katello, but it seems to only occur when the dynflow world gets initialized.

#2 - 07/12/2018 10:41 AM - Ivan Necas
- Project changed from foreman-tasks to Foreman

I don't think it has anything to do with Foreman-Tasks, it seems that in rails 5, the lock on 1-request at a time was removed, which leads to the dashboard spinning up more concurrent requests that the db pool is ready for. The proper fix should be to increase the db pool in `config/database.yml`.

#3 - 07/12/2018 10:44 AM - The Foreman Bot
- Assignee set to Ivan Necas
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5827 added

#4 - 07/12/2018 10:46 AM - Ivan Necas
- Pull request https://github.com/theforeman/puppet-katello_devel/pull/165 added

I've sent patches to foreman and katello_devel to increase the pool size with numbers I've stopped getting the issues like this.

#5 - 07/12/2018 11:44 AM - Tomer Brisker
- Target version set to 1.19.0
- Fixed in Releases 1.19.0 added

#6 - 07/12/2018 12:01 PM - Ivan Necas
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset 8c7be857a81ef4a98128e831c533e87bbfd63.

#7 - 07/12/2018 12:04 PM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/5822 added

#8 - 07/19/2018 11:14 AM - Ewoud Kohl van Wijngaarden
- Category set to Development tools