

Installer - Bug #30789

Possible database connection pool exhaustion

09/07/2020 02:19 PM - Adam Ruzicka

Status:	Closed	
Priority:	Normal	
Assignee:	Ewoud Kohl van Wijngaarden	
Category:	Foreman modules	
Target version:	2.2.0	
Difficulty:		Fixed in Releases: 2.1.4, 2.2.0
Triaged:	Yes	Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/puppet-for-eman/pull/882 , https://github.com/theforeman/puppet-for-eman/pull/890	
Description		
<p>By default, we configure the db pool to have 5 available connections. However, we also configure puma to spawn 2 workers with up to 16 threads each. It is possible that if hit with enough requests, puma can run out of connections, leading to errors like:</p>		
<pre>ActiveRecord::ConnectionTimeoutError: could not obtain a connection from the pool within 5.000 seconds (waited 5.003 seconds); all pooled connections were in use</pre>		

Associated revisions

Revision 026d4743 - 09/25/2020 12:11 AM - Ewoud Kohl van Wijngaarden

Fixes #30789 - Set DB pool size dynamically

Every thread in the Puma worker can open a database connection. This means it needs to be taken into account to avoid exhasuting the pool.

History

#1 - 09/07/2020 02:54 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Ewoud Kohl van Wijngaarden
- Pull request <https://github.com/theforeman/puppet-foreman/pull/882> added

#2 - 09/25/2020 01:01 AM - Ewoud Kohl van Wijngaarden

- Status changed from Ready For Testing to Closed

Applied in changeset [puppet-foreman:puppet-foreman|026d47434316b8ae318c5e42936edc12859ab475](#).

#3 - 10/12/2020 12:39 PM - Tomer Brisker

- Target version set to 2.1.4

#4 - 10/12/2020 07:01 PM - The Foreman Bot

- Pull request <https://github.com/theforeman/puppet-foreman/pull/890> added

#5 - 10/13/2020 01:11 PM - Tomer Brisker

- Target version changed from 2.1.4 to 2.2.0
- Fixed in Releases 2.1.4, 2.3.0 added

updating target version to make sure we don't miss this for 2.2

#6 - 10/14/2020 07:18 AM - Tomer Brisker

- Project changed from Foreman to Installer

#7 - 10/14/2020 07:19 AM - Tomer Brisker

- Category set to Foreman modules

#8 - 10/19/2020 12:04 PM - Tomer Brisker

- Fixed in Releases 2.2.0 added

- Fixed in Releases deleted (2.3.0)

#9 - 10/19/2020 03:40 PM - Ewoud Kohl van Wijngaarden

- Subject changed from Possible connection pool exhaustion to Possible database connection pool exhaustion

- Triaged changed from No to Yes