

Installer - Bug #33277

Change Puma defaults to match recommendations from Puma documentation

08/17/2021 08:54 PM - Eric Helms

Status:	Closed	
Priority:	Normal	
Assignee:	Eric Helms	
Category:	Foreman modules	
Target version:	3.0.0	
Difficulty:		Fixed in Releases: 3.0.0
Triaged:	Yes	Found in Releases:
Bugzilla link:	1998291	Red Hat JIRA:
Pull request:	https://github.com/theforeman/puppet-foreman/pull/986 , https://github.com/theforeman/foreman-installer/pull/714	
Description		

Associated revisions

Revision 533c1f3b - 08/24/2021 12:29 PM - Eric Helms

Fixes #33277: Change Puma default workers to 1.5 * CPU, max threads to 5

The Puma documentation recommends for CRuby based installations to start with number of CPUs times 1.5 for workers and defaults to a maximum of 5 threads when using CRuby.

The previous maximum threads of 16 was based on an incorrect reading of the Puma documentation and is only the default on non-CRuby Ruby.

Revision 4c129efe - 08/25/2021 02:00 PM - Eric Helms

Refs #33277: Unset foreman_service_puma_workers and foreman_service_puma_threads_max if set to default value

This resets the foreman_server_puma_workers value to pick up the newest default which is undef. The change from <https://github.com/theforeman/puppet-foreman/pull/986> makes the default a dynamically calculated value that should provide better out of the box experience for users.

This resets the value of foreman_service_puma_threads_max to the new default value coming from puppet-foreman of 5. The original default of 16 has been determined to likely be too high for Ruby MRI based installations and resetting to the recommended default by Puma should result in less wasted resources. Users can opt to increase this value based on their environments.

History

#1 - 08/17/2021 08:54 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Eric Helms
- Pull request <https://github.com/theforeman/puppet-foreman/pull/986> added

#2 - 08/19/2021 06:33 PM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman-installer/pull/714> added

#3 - 08/24/2021 12:30 PM - The Foreman Bot

- Fixed in Releases 3.1.0 added

#4 - 08/24/2021 12:49 PM - Ewoud Kohl van Wijngaarden

- Category set to Foreman modules
- Target version set to 3.0.0
- Triaged changed from No to Yes

#5 - 08/24/2021 01:01 PM - Eric Helms

- Status changed from Ready For Testing to Closed

Applied in changeset [puppet-foreman\[533c1f3be8069139d7375841019afeb7c1102830\]](#).

#6 - 08/26/2021 06:44 PM - Eric Helms

- Bugzilla link set to 1998291

#7 - 08/26/2021 07:06 PM - Ewoud Kohl van Wijngaarden

- Fixed in Releases 3.0.0 added
- Fixed in Releases deleted (3.1.0)

#8 - 10/12/2021 09:22 AM - Lukas Zapletal

Just for the record, Red Hat Performance team conducted testing of Satellite 6.10 and their recommended value is 16 threads for all t-shirt sizes. So values higher than 5 are probably relevant.