### Installer - Bug #33277

**Change Puma defaults to match recommendations from Puma documentation**

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

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee</td>
<td>Eric Helms</td>
</tr>
<tr>
<td>Category</td>
<td>Foreman modules</td>
</tr>
<tr>
<td>Target version</td>
<td>3.0.0</td>
</tr>
<tr>
<td>Difficulty</td>
<td></td>
</tr>
<tr>
<td>Pull request</td>
<td></td>
</tr>
<tr>
<td>Triaged</td>
<td>Yes</td>
</tr>
<tr>
<td>Bugzilla link</td>
<td>1998291</td>
</tr>
<tr>
<td>Fixed in Releases</td>
<td>3.0.0</td>
</tr>
<tr>
<td>Found in Releases</td>
<td></td>
</tr>
</tbody>
</table>

**Description**

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.

**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.

**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
- Assignee set to Eric Helms
- Status changed from New to Ready For Testing
- 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
- Triaged changed from No to Yes
- Target version set to 3.0.0
- Category set to Foreman modules

#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.