

Foreman - Bug #35641

Expose puma worker_timeout configuration option

10/17/2022 07:45 PM - William Clark

Status: Closed	
Priority: Normal	
Assignee: William Clark	
Category: Performance	
Target version:	
Difficulty:	Fixed in Releases: 3.6.0
Triaged: Yes	Found in Releases:
Bugzilla link: 2135498	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/9485	

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=2135498

Description of problem:

Currently, we can't configure the worker_timeout used by puma workers. The default of 60s is used.

Changing the worker_timeout would allow users to workaround specific issues happening during peak moments. Here's an example where increasing the timeout would help:

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```
Oct 14 06:08:45 satellite.example.com foreman: [1290] ! Terminating timed out worker (worker failed to check in within 60 seconds): 2420
```

~~

Version-Release number of selected component (if applicable):

Actual results:

Not possible to change the default 60s timeout in a supported way.

Expected results:

Have an installer option to define the worker_timeout.

Additional info:

The timeout can be defined with the following line on the file /usr/share/foreman/config/puma/production.rb

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```
worker_timeout 120
```

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My suggestion is to add a line on the file /usr/share/foreman/config/puma/production.rb that will read a variable to be defined on the systemd unit, like we do for the number of workers, and min/max threads.

Like this:

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```
worker_timeout ENV.fetch("FOREMAN_PUMA_WORKER_TIMEOUT", 60).to_i
```

~~

Then, setting the value FOREMAN_PUMA_WORKER_TIMEOUT on the systemd unit would be enough:

~~~

1. cat /etc/systemd/system/foreman.service.d/installer.conf  
[Service]

```
User=foreman
Environment=FOREMAN_ENV=production
Environment=FOREMAN_HOME=/usr/share/foreman
Environment=FOREMAN_PUMA_THREADS_MIN=5
Environment=FOREMAN_PUMA_THREADS_MAX=5
Environment=FOREMAN_PUMA_WORKERS=6
Environment=FOREMAN_PUMA_WORKER_TIMEOUT=120 <===== new variable to define the timeout
~~~
```

## Associated revisions

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### Revision e381a3c7 - 01/23/2023 09:23 AM - Joniel Pasqualetto

Fixes #35641 - Add FOREMAN\_PUMA\_WORKER\_TIMEOUT

This allows configuring the Puma worker\_timeout, which specifies the time before a worker process that has not checked in will be restarted. It is not recommended to alter this value in normal operation as that can mask real bugs or improper configuration.

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## History

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### #1 - 10/25/2022 06:55 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to William Clark

- Pull request <https://github.com/theforeman/puppet-foreman/pull/1091> added

### #2 - 01/10/2023 10:25 PM - William Clark

- Project changed from Installer to Foreman

### #3 - 01/10/2023 10:28 PM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/9485> added

### #4 - 01/10/2023 10:29 PM - William Clark

- Pull request deleted (<https://github.com/theforeman/puppet-foreman/pull/1091>)

### #5 - 01/23/2023 09:23 AM - The Foreman Bot

- Fixed in Releases 3.6.0 added

### #6 - 01/23/2023 10:01 AM - Joniel Pasqualetto

- Status changed from Ready For Testing to Closed

Applied in changeset [foreman|e381a3c7c2d7b017e573039d34fe86691315b7db](https://github.com/theforeman/puppet-foreman/pull/1091).

### #7 - 02/28/2023 03:53 PM - Ewoud Kohl van Wijngaarden

- Category set to Performance

- Triaged changed from No to Yes