Foreman - Bug #10285

setBuild Rails route is HTTP PUT and not GET

04/28/2015 01:30 AM - Ben Bettridge

Status:	Rejected		
Priority:	Normal		
Assignee:			
Category:	Web Interface		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Hey guys,

Picked this bug up today when trying to rebuild a machine:

```
Started GET "/hosts/intdaflcap01.switch.internal/setBuild" for 10.1.0.1 at 2015-04-28 15:07:31 +10
00

ActionController::RoutingError (No route matches [GET] "/hosts/intdaflcap01.switch.internal/setBui
ld"):
  /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/rack/thread_handler_extension
.rb:77:in `process_request'
  /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_handle
r.rb:140:in `accept_and_process_next_request'
  /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_handle
r.rb:108:in `main_loop'
  /usr/lib/ruby/gems/1.8/gems/passenger-4.0.18/lib/phusion_passenger/request_handler.rb:441:in `bl
ock (3 levels) in start_threads'
```

And checking /usr/share/foreman/config/routes.rb I see:

```
...
      get 'review_before_build'
      put 'setBuild'
...
```

Changing the lines in routes.rb to read:

```
...
      get 'review_before_build'
      get 'setBuild'
...
```

Fixes the issue. I did a quick grep of the codebase to ensure that it's not breaking anything elsewhere, and haven't experienced any issues since making the patch.

History

#1 - 04/28/2015 03:45 AM - Dominic Cleal

- Category set to Web Interface

- Status changed from New to Need more information

How did you make the setBuild request in the first place? Is this from your browser (which version?) and on which page? Your browser should be able to send a PUT request. Is there a regular way to reproduce it?

Also, which version of Foreman?

#2 - 04/29/2015 09:50 PM - Ben Bettridge

Foreman version is 1.7.4.

The issue isn't that the browser is incapable of performing an HTTP PUT request, it's that the route type (PUT) doesn't match the method called by the "Build" Web UI button.

So when you click the "Build" button in the web UI it runs this under the hood:

```
<a data-original-title="Enable rebuild on next host boot" class="btn btn-default" href="/hosts/<HOSTNAME>/setB
uild" data-confirm="Rebuild <HOSTNAME> on next reboot?
This would also delete all of its current facts and reports" data-id="aid_hosts_<HOSTNAME>_setBuild" title="">
Build</a>
```

And clicking that performs an HTTP GET, resulting in a 404 error because the route defined for setBuild is a PUT.

Either the route should be changed to match the Web UI button as I have done locally, or the Web UI button should be updated to perform a PUT.

#3 - 04/30/2015 04:10 AM - Dominic Cleal

I think something is wrong in your installation, it looks like a weird mix of 1.6 and 1.7.

Foreman 1.7 added a build review popup when you click the Build button, and also changed the build link (which is within the popup window) to PUT from GET.

The build link HTML you showed isn't actually in 1.7 anywhere, it was part of 1.6, which explains why it wouldn't have worked for you now without more code changes.

I would consider reinstalling the foreman package and making sure apache2 is fully restarted. If you have foreman-assets installed, then you might want to try manually recompiling assets with "foreman-rake assets:precompile" - if you don't have this installed, ignore this as it might worsen matters.

https://www.youtube.com/watch?v=u2T96Ekpysg shows what you should be seeing when clicking the Build button.

#4 - 02/29/2016 09:06 AM - Tomer Brisker

- Status changed from Need more information to Rejected

Seems to be a problem with user's installation. No new comments were added in 10 months, assuming this has been resolved and closing. Feel free to reopen if issue still occurs and provide more information.