Foreman - Bug #1895

Weird random 500s when surfing the UI

10/15/2012 08:55 AM - Nacho Barrientos

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

Description

Hi,

Sometimes we're seeing weird errors when browsing the UI. Unfortunately, we can't tell yet how to reproduce them as we haven't seen any pattern so far :(

```
Started GET "/hosts?utf8=%E2%9C%93&search=ndnd" for A.B.C.D  at Mon Oct 08 09:04:39 +0200 2012
  Processing by HostsController#index as HTML
  Parameters: {"utf8"=>"¿", "search"=>"ndnd"}
Operation FAILED: undefined method `minutes' for true:TrueClass
Read fragment views/tabs_and_title_records-54 (0.5ms)
Rendered home/_topbar.rhtml (3.0ms)
Rendered common/500.rhtml within layouts/application (22.5ms)
Completed 500 Internal Server Error in 40ms (Views: 25.5ms | ActiveRecord: 5.9ms)

Started GET "/" for A.B.C.D at Thu Oct 11 16:08:05 +0200 2012
  Processing by DashboardController#index as HTML
Operation FAILED: undefined method `+' for true:TrueClass
Read fragment views/tabs_and_title_records-54 (0.3ms)
Rendered home/_topbar.rhtml (1.1ms)
Rendered common/_searchbar.erb (10.2ms)
Rendered common/500.rhtml within layouts/application (24.0ms)
Completed 500 Internal Server Error in 47ms (Views: 28.9ms | ActiveRecord: 14.1ms)

Started GET "/hosts?utf8=%E2%9C%93&search=hostgroup+%3D+public+and+name+%7E+btb+and+not+has+last_r
eport" for A.B.C.D at Thu Oct 11 15:45:01 +0200 2012
  Processing by HostsController#index as HTML
  Parameters: {"search"=>"hostgroup = public and name ~ btb and not has last_report", "utf8"=>"¿"}
Operation FAILED: undefined method `to_i' for true:TrueClass
Read fragment views/tabs_and_title_records-54 (0.7ms)
Rendered home/_topbar.rhtml (1.8ms)
Rendered common/_searchbar.erb (19.4ms)
Rendered common/500.rhtml within layouts/application (45.8ms)
Completed 500 Internal Server Error in 65ms (Views: 45.8ms | ActiveRecord: 10.7ms)
```

Foreman version: foreman-1.0.1-2.el6

We're using memcached as cache backend to store settings.

Attached is a full trace of an error similar to the second one. Ping me if you need any more information. Thanks!

History

#1 - 10/16/2012 08:39 AM - Ohad Levy

this seems cache related problems, does it happen only with memcache?

#2 - 10/26/2012 11:09 AM - Daniel Lobato Garcia

It might have to do with mod_passenger Spawning policies. I am trying setting it to conservative and seeing how it plays around. If in a few days I don't get any 500 I assume that was the 'error'.

#3 - 10/26/2012 11:14 AM - Daniel Lobato Garcia

More info on why this is happening

http://www.modrails.com/documentation/Users%20guide%20Apache.html#_example_1_memcached_connection_sharing_harmful

tl;dr mod_passenger and memcached sharing the same connection

#4 - 11/20/2012 09:04 AM - Daniel Lobato Garcia

Looks like the issue was finally 100% solved by replacing the old memcached_client gem by an up-to-date version of dalli:
https://github.com/mperham/dalli

#5 - 11/20/2012 09:59 AM - Ohad Levy

- Status changed from New to Closed

Great! would you mind adding a wiki page on how to setup foreman on memcache?

#6 - 11/21/2012 06:03 AM - Daniel Lobato Garcia

http://theforeman.org/projects/foreman/wiki/Set_up_memcached

Files

500.log	16.5 KB	10/15/2012	Nacho Barrientos