Foreman - Bug #405

Foreman cannot process 2.6.2 reports

10/13/2010 04:13 PM - Andrew Forgue

Status:	Closed		
Priority:	High		
Assignee:	Ohad Levy		
Category:	Puppet Reports		
Target version:	0.1-6		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Our foreman install stopped processing reports after 2.6.2 upgrade.

Here's a stacktrace:

```
Failed to process report for host.domain.com due to:undefined method `>' for nil:NilClass -
    /var/www/apps/foreman/app/models/report.rb:175:in `metrics_to_hash'
        /var/www/apps/foreman/app/models/report.rb:87:in `import'
        /var/www/apps/foreman/app/controllers/reports_controller.rb:33:in `create'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:135:i
n `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:135:i
n `custom'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:179:i
n `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:179:i
n `respond'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:173:i
n `each'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:173:i
n `respond'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/mime_responds.rb:107:i
n `respond_to'
        /var/www/apps/foreman/app/controllers/reports_controller.rb:31:in `create'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:1333:in `send'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:1333:in `perfo
rm_action_without_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:617:in `cal
l_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:638:in `run
_before_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:206:in `cal
l'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:206:in `aro
und_proc'
        /var/www/apps/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:182:in `c
all'
        /var/www/apps/foreman/vendor/rails/activesupport/lib/active_support/callbacks.rb:182:in `e
valuate_method'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:184:in `cal
l'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:635:in `run
_before_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:615:in `cal
l_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:610:in `per
form_action_without_benchmark'
```

```
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/benchmarking.rb:68:in
`perform_action_without_rescue'
        /var/www/apps/foreman/vendor/rails/activesupport/lib/active_support/core_ext/benchmark.rb:
17:in `ms'
        /usr/local/lib/ruby/1.8/benchmark.rb:308:in `realtime'
        /var/www/apps/foreman/vendor/rails/activesupport/lib/active_support/core_ext/benchmark.rb:
17:in `ms'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/benchmarking.rb:68:in
`perform_action_without_rescue'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/rescue.rb:160:in `perf
orm_action_without_flash'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/flash.rb:151:in `perfo
rm_action'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:532:in `send'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:532:in `proces
s_without_filters'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/filters.rb:606:in `pro
cess'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:391:in `proces
s'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/base.rb:386:in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/routing/route_set.rb:4
38:in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:87:in `d
ispatch'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:121:in `
_call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:130:in `
build_middleware_stack'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/string_coercion.rb:25:
in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/string_coercion.rb:25:
in `call'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/vendor/rack-1.0.0-git/lib/rack/head.rb:9
:in `call'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/vendor/rack-1.0.0-git/lib/rack/methodove
rride.rb:24:in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/params_parser.rb:15:in
 `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/session/abstract_store
.rb:177:in `call'
        /var/www/apps/foreman/vendor/rails/activerecord/lib/active_record/query_cache.rb:29:in `ca
ll'
        /var/www/apps/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/abst
ract/query_cache.rb:34:in `cache'
        /var/www/apps/foreman/vendor/rails/activerecord/lib/active_record/query_cache.rb:9:in `cac
he'
        /var/www/apps/foreman/vendor/rails/activerecord/lib/active_record/query_cache.rb:28:in `ca
ll'
        /var/www/apps/foreman/vendor/rails/activerecord/lib/active_record/connection_adapters/abst
ract/connection_pool.rb:361:in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/failsafe.rb:26:in `cal
l'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/vendor/rack-1.0.0-git/lib/rack/lock.rb:1
1:in `call'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/vendor/rack-1.0.0-git/lib/rack/lock.rb:1
1:in `synchronize'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/vendor/rack-1.0.0-git/lib/rack/lock.rb:1
1:in `call'
        /var/www/apps/foreman/vendor/rails/actionpack/lib/action_controller/dispatcher.rb:106:in `
call'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/rack/request_handl
er.rb:81:in `process_request'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_request_h
andler.rb:203:in `main_loop'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/railz/application_
spawner.rb:340:in `start_request_handler'
```

```
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/railz/application_
spawner.rb:298:in `handle_spawn_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/utils.rb:182:in `s
afe_fork'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/railz/application_
spawner.rb:296:in `handle_spawn_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:337:in `__send__'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:337:in `main_loop'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:187:in `start_synchronously'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:154:in `start'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/railz/application_
spawner.rb:192:in `start'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/spawn_manager.rb:2
57:in `spawn_rails_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server_co
llection.rb:126:in `lookup_or_add'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/spawn_manager.rb:2
51:in `spawn_rails_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server_co
llection.rb:80:in `synchronize'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server_co
llection.rb:79:in `synchronize'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/spawn_manager.rb:2
50:in `spawn_rails_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/spawn_manager.rb:1
53:in `spawn_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/spawn_manager.rb:2
82:in `handle_spawn_application'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:337:in `__send__'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:337:in `main_loop'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/lib/phusion_passenger/abstract_server.rb
:187:in `start_synchronously'
        /usr/local/lib/ruby/gems/1.8/gems/passenger-2.2.2/bin/passenger-spawn-server:61
```

Here's the fragment of a 2.6.2 report that it's trying to import:

```
    resources: !ruby/object:Puppet::Util::Metric
      label: Resources
      name: resources
      values:
      - - !ruby/sym total
        - Total
        - 381
```

I believe it's caused by missing metrics:

METRIC = %w[applied restarted failed failed_restarts skipped]

Related issues:			
Related to Foreman - Bug #394: Reports do not work - total time is no longer...	**Closed**	**10/01/2010**
Is duplicate of Foreman - Bug #406: wrong report icon	**Duplicate**	**10/14/2010**
Is duplicate of Foreman - Bug #408: Can't see activity for puppet agent 2.6.2...	**Duplicate**	**10/18/2010**

Associated revisions

Revision 4cbaa406 - 10/21/2010 10:17 AM - Ohad Levy

Fixes #405 and Fixes #349 - Adds support to 2.6.x reports

NOTE: Its recommended to Backup your DB prior to using this patch.

Revision 27ecacf5 - 10/26/2010 01:42 PM - Ohad Levy

Fixed an issue with metric processing on 0.25.x reports, refs #405

History

#1 - 10/15/2010 08:06 PM - Ohad Levy

- Category set to Puppet Reports

- Status changed from New to Assigned

- Assignee set to Ohad Levy

- Target version set to 0.1-6

#2 - 10/18/2010 10:58 AM - Ohad Levy

- Status changed from Assigned to Duplicate

#3 - 10/18/2010 10:59 AM - Ohad Levy

- Status changed from Duplicate to Assigned

#4 - 10/18/2010 11:02 AM - Ohad Levy

Andrew Forgue wrote:

> Our foreman install stopped processing reports after 2.6.2 upgrade.
>
> Here's a stacktrace:
>
> [...]
>
> Here's the fragment of a 2.6.2 report that it's trying to import:
>
> [...]
>
> I believe it's caused by missing metrics:
>
> METRIC = %w[applied restarted failed failed_restarts skipped]

You are correct, the Metric names has changed in 2.6, and there is no longer a resolution of something that got restarted,rather then how many resources changed.

It is clear that in order to support both version of puppet (pre2.6 and 2.6 onwards) a more generic approch is required.

I'll try to fix this and #349 in one go....

#5 - 10/18/2010 07:33 PM - Ohad Levy

I am uncertain of why you got the specific error message, looking at http://github.com/puppetlabs/puppet/blob/2.6.2/lib/puppet/util/metric.rb#L17, there would always be a value for a metric, so why did you get back a nil value....

can you provide me the report in question? which version of puppet was it on the client and master?

thanks,
Ohad

#6 - 10/18/2010 07:34 PM - Ohad Levy

- Priority changed from Normal to High

#7 - 10/19/2010 10:17 PM - Ohad Levy

- File 0001-Fixes-405-and-Fixes-349-Adds-support-to-2.6.x-report.patch added

Patch added.

this requires tests, please provide feedback.

Please backup your DB first, as this patch changes changes the reporting db structure.

#8 - 10/20/2010 08:35 AM - Ohad Levy

- Status changed from Assigned to Ready For Testing

- % Done changed from 0 to 90

#9 - 10/20/2010 05:09 PM - Ohad Levy

- File 0001-Fixes-405-and-Fixes-349-Adds-support-to-2.6.x-report.patch added

I've find out an issue with MySQL indexes, attached is an update of the patch - please revisit.

thanks,
Ohad

#10 - 10/21/2010 10:25 AM - Ohad Levy

- % Done changed from 90 to 100

Applied in changeset 4cbaa406a1e0f354d52b43e9e6c7854ba36a847b.

#11 - 10/21/2010 10:38 AM - Ohad Levy

- Status changed from Ready For Testing to Closed

Files

0001-Fixes-405-and-Fixes-349-Adds-support-to-2.6.x-report.patch	16.2 KB	10/19/2010	Ohad Levy
0001-Fixes-405-and-Fixes-349-Adds-support-to-2.6.x-report.patch	16.8 KB	10/20/2010	Ohad Levy