

Foreman - Bug #1592

report::expire errors with millions of records

04/30/2012 01:47 PM - Jacob McCann

<div><div>Status:Closed</div><div>Priority:Normal</div><div>Assignee:Ori Rabin</div><div>Category:Reporting</div><div>Target version:1.7.0</div><div>Difficulty:</div><div>Triaged:</div><div>Bugzilla link:</div><div>Pull request:<a href="https://github.com/theforeman/foreman/pull/1659">https://github.com/theforeman/foreman/pull/1659</a></div></div>		<div><div>Fixed in Releases:</div><div>Found in Releases:</div><div>Red Hat JIRA:</div></div>	
<div><div>Description</div><div>When running report::expire against a DB with millions of records in Reports the 'function' will fail (<a href="https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/kH0ISyjoMhgJ">https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/kH0ISyjoMhgJ</a>):</div><div>Mysql::Error: Got a packet bigger than 'max_allowed_packet' bytes: SELECT id FROM `reports` WHERE (`reports`.`id` IN (15462,15463,15464,15465,15466,15467,15468,15469,15470,15471,15475,16252,16256,16257,16258,16259,16260,16263,16267,16268,16269,16270,16272,16279,16282,16283,16284,16285,16286,16287,16302,18042,18043,18044,18045,18046,18062,18063,18064,18065,18066,18067,18068,18084,18085,</div><div>Which seems to stem from (<a href="https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/EADjgREX3Z4J">https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/EADjgREX3Z4J</a>):</div><div>And since the 'bad' query starts with: SELECT id FROM `reports` WHERE (`reports`.`id` IN (15462,15463,15464,15465 my guess is its specifically line:</div><div><pre># reports which have logs entries used_reports = Report.all(:select =&gt; :id, :conditions =&gt; {:id =&gt; all_reports}).map(&amp;:id)</pre></div><div><a href="https://groups.google.com/forum/?fromgroups#!topic/foreman-users/_Mn4oxXmP7E">https://groups.google.com/forum/?fromgroups#!topic/foreman-users/_Mn4oxXmP7E</a></div><div>Code to functionally get past this error that I've used is (<a href="https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/ISKWxpW3JoQJ">https://groups.google.com/d/msg/foreman-users/_Mn4oxXmP7E/ISKWxpW3JoQJ</a>):</div><div><pre># used_reports = Report.all(:select =&gt; :id, :conditions =&gt; {:id =&gt; all_reports}).map(&amp;:id) used_reports = [] tmp_arr=all_reports.dup slice_size = 10000 until tmp_arr.empty? do   first = (tmp_arr.size &lt; slice_size) ? 0 : (tmp_arr.size - slice_size)   last = tmp_arr.size   tmp = tmp_arr[first..last]   used_reports &lt;&lt; Report.all(:select =&gt; :id, :conditions =&gt; {:id =&gt; tmp}).map(&amp;:id)   tmp_arr = tmp_arr - tmp end used_reports.flatten!.sort</pre></div></div>			
<div>Related issues:</div> <div>Related to Foreman - Bug #8565: report::expire is running very slowly</div> <div>Has duplicate Foreman - Bug #1546: report::expire slow with many reports</div>		<div><div>Closed</div><div>12/03/2014</div><div>Duplicate</div></div>	

Associated revisions

Revision 4215defb - 08/07/2014 10:03 AM - Ori Rabin

Fixes #1592: making report::expire faster and without errors

Fixes #1592: making report::expire faster and without errors

## History

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### #1 - 11/13/2012 12:11 PM - Greg Sutcliffe

- Target version set to Bug scrub

### #2 - 10/16/2013 04:04 PM - Greg Sutcliffe

- Target version deleted (Bug scrub)

### #3 - 07/30/2014 09:14 AM - Ohad Levy

- Target version set to 1.7.5

### #4 - 08/06/2014 06:55 AM - Ori Rabin

- Has duplicate Bug #1546: report::expire slow with many reports added

### #5 - 08/06/2014 06:55 AM - Ori Rabin

- Description updated

- Status changed from New to Assigned

- Assignee set to Ori Rabin

### #6 - 08/07/2014 03:34 AM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/1659> added

- Pull request deleted ()

### #7 - 08/07/2014 10:07 AM - Dominic Cleal

- translation missing: en.field\_release set to 10

### #8 - 08/07/2014 10:19 AM - Dominic Cleal

- translation missing: en.field\_release deleted (10)

### #9 - 08/07/2014 11:01 AM - Ori Rabin

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [4215defb81fc2b469669592ac1094d7c70950192](#).

### #10 - 08/07/2014 11:03 AM - Dominic Cleal

- Status changed from Closed to Ready For Testing

- % Done changed from 100 to 0

Commit was reverted (<https://github.com/foreman/foreman/commit/bf1d8e08a928a72f879911225afb21d103895e5b>) and the PR re-opened as issues were raised.

### #11 - 08/20/2014 06:48 AM - Anonymous

- Target version changed from 1.7.5 to 1.7.4

### #12 - 09/10/2014 07:18 AM - Anonymous

- Target version changed from 1.7.4 to 1.7.3

### #13 - 09/15/2014 07:28 AM - Dominic Cleal

- translation missing: en.field\_release set to 21

### #14 - 09/15/2014 08:01 AM - Ori Rabin

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [ab866a3185b132555e1eed393f8de6c5a9a729c4](#).

**#15 - 09/21/2014 01:40 AM - Daniel Lobato Garcia**

Any reasons why this can't go in 1.6.1? Releasing this in 1.6.1 would help us find possible bugs before 1.7.

**#16 - 09/22/2014 04:17 AM - Dominic Cleal**

Daniel Lobato Garcia wrote:

Any reasons why this can't go in 1.6.1? Releasing this in 1.6.1 would help us find possible bugs before 1.7.

That's the wrong way around.. 1.6.1 should be a minimum risk & stable release, giving us time in pre-1.7 testing to find bugs. Point releases are not for experiments.

Given this has already been reverted once, I think it's moderate risk so probably unsuitable.

**#17 - 12/05/2014 03:16 AM - Dominic Cleal**

- *Related to Bug #8565: report::expire is running very slowly added*

**#18 - 12/21/2015 04:01 AM - The Foreman Bot**

- *Pull request <https://github.com/foreman/foreman/pull/2994> added*

**#19 - 12/21/2015 04:02 AM - Ori Rabin**

- *Pull request deleted (<https://github.com/foreman/foreman/pull/2994>)*