Foreman - Bug #140

dashboard fails when using postgresql backend

12/18/2009 05:33 PM - Bob B.

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority</td>
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<tr>
<td>Assignee</td>
<td>Bob B.</td>
</tr>
<tr>
<td>Category</td>
<td>Database</td>
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<td>Target version</td>
<td>0.1-4</td>
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<tr>
<td>Difficulty</td>
<td></td>
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<td>Triaged</td>
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<td>Pull request</td>
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<td>Fixed in Releases</td>
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Description

The dashboard returns a 500 with the following error:

Processing DashboardController#index (for x.x.x.x at 2009-12-18 15:57:52) [GET]
Parameters: "action"=>"index", "controller"=>"dashboard"

ActiveRecord::StatementInvalid (PGError: ERROR: argument of AND must be type boolean, not type integer
LINE 2:     (puppet_status >> 12 & 63) or
^:
SELECT count(*) AS count_all FROM "hosts" WHERE (((puppet_status > 0) and
(puppet_status >> 12 & 63) or
(puppet_status >> 18 & 63) or
(puppet_status >> 24 & 63)) AND (last_report > '2009-12-18 15:22:52.485923'))

: (DELEGATION);2:in `__send__`
: (DELEGATION);2:in `with_scope`
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: (DELEGATION);2:in `with_scope`
app/controllers/dashboard_controller.rb:8:in `index`

Rendering /var/rails/foreman/public/500.html (500 Internal Server Error)

Additionally, this also happens if the above error is eliminated:

Processing DashboardController#index (for x.x.x.x at 2009-12-18 17:17:23) [GET]
Parameters: "action"=>"index", "controller"=>"dashboard"

ActiveRecord::StatementInvalid (PGError: ERROR: operator does not exist: timestamp without time zone <> integer
LINE 1: ...unt( AS count_all FROM "reports" WHERE (reported_at != 0)
^:
SELECT count( AS count_all FROM "reports" WHERE (reported_at != 0)

: (DELEGATION);2:in `__send__`
: (DELEGATION);2:in `with_scope`
app/controllers/dashboard_controller.rb:19:in `index`

Rendering /var/rails/foreman/public/500.html (500 Internal Server Error)

I'm not entirely sure how the puppet_status manipulations happen, but I believe the error is caused by how other dbs evaluate truth as 0 and non-0. I think this can be avoided by something similar to:

(puppet_status >> #{Report::BIT_NUM*Report::METRIC.index("failed")) & #{Report::MAX}) or

becomes:

((puppet_status >> #{Report::BIT_NUM*Report::METRIC.index("applied")) & #{Report::MAX}) !=0) or
For the additional date error (on reported_at), I think it's just trying to find if a report exists? (I'm not all that familiar with the code, or ruby) Maybe checking for NULL instead of 0?

Associated revisions
Revision 8f823b83 - 01/06/2010 03:52 AM - Ohad Levy
fixes #140 - dashboard fails when using postgresql backend

History
#1 - 12/19/2009 12:25 AM - Ohad Levy
- Target version set to 0.1-4

Bob B. wrote:

becomes:

```
((puppet_status >> #{Report::BIT_NUM*Report::METRIC.index("applied")} & #{Report::MAX}) !=0) or
```

could you give this a try? i don't have db available at this moment.

(in models/host.rb)

For the additional date error (on reported_at), I think it's just trying to find if a report exists?

This has already been fix in #133, it was a simple typo.

#2 - 12/21/2009 05:33 AM - Ohad Levy
- Status changed from New to Need more information
- Assignee changed from Ohad Levy to Bob B.

#3 - 12/21/2009 04:40 PM - Bob B.
- File postgresql-fix-host.rb.patch added

It seemed to work with that change (no error), but I did not test it against other dbs, or if the correct behavior results. Patch attached

#4 - 01/06/2010 03:55 AM - Ohad Levy
- Status changed from Need more information to Ready For Testing
- % Done changed from 0 to 100
Applied in changeset 8f823b833f6b3b26c77de64cd36e37063651e40.

#5 - 01/06/2010 03:56 AM - Ohad Levy
- Status changed from Ready For Testing to Closed

Files

| postgresql-fix-host.rb.patch | 1.79 KB | 12/21/2009 | Bob B. |