

Foreman - Feature #186

UI Slows down when reports are not purged form DB.

03/22/2010 04:17 PM - Telmo X

Status: Closed	
Priority: Normal	
Assignee: Telmo X	
Category: Database	
Target version: 0.1-5	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>If you don't purged the reports from your database the lookup queries for the last report of a hosts start slowing down due to the way ActiveRecord queries for it: Host.reports.last will generate the following SQL statement:</p> <pre>Report Load (1611.5ms) SELECT * FROM `reports` WHERE (`reports`.host_id = 19) ORDER BY reports.id DESC LIMIT 1</pre> <p>By changing that query to Host.find(host.id).reports.maximum('id') we make a more efficient query improving the response.</p> <pre>Report Load (3.2ms) SELECT * FROM `reports` WHERE (`reports`.`id` = 85955)</pre> <p>Patch attached</p>	

Associated revisions

Revision bc4f0284 - 03/23/2010 03:05 AM - Telmo X

fixes #186 - When reports are kept in the database and not deleted/purged the Host.reports.last query starts slowing down and the hosts index page can take minutes to load depending on the number of hosts. By changing Host.reports.last to Host.find(host.id).reports.maximum('id') we make a more efficient query to the database cutting the lookup time.

Revision 69cbb0f5 - 03/25/2010 01:13 PM - Ohad Levy

refs #186 - minor optimization and avoid a problem when there is no report in the DB while the host last report date exists

History

#1 - 03/23/2010 12:55 PM - Telmo X

- Status changed from New to Ready For Testing

Applied in changeset [bc4f02848eb32c21f72495b421fdb3335a9e45ef](#).

#2 - 03/25/2010 01:28 PM - Ohad Levy

- Status changed from Ready For Testing to Closed

Files

0001-report-lookup-change.patch	3.99 KB	03/22/2010	Telmo X
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