Foreman - Bug #160

Last Report Date is client date, not date report was received.

01/26/2010 04:12 PM - Dis Connect

Status:	Closed		
Priority:	Normal		
Assignee:	Ohad Levy		
Category:	Puppet Reports		
Target version:	0.1-5		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

The "last report" date should be the time the most recent report arrived at the server, regardless of any client-side embedded dates. This allows event correlation even in the face of client clock drift. (In a perfect world, the clocks would all stay in lockstep. Unfortunately, this isn't a perfect world and ntpd will bail when the drift is too high - exactly when it is needed most.)

For example, when 10 hosts fail you can go back and say "oh. they all failed at 2:10am. That is when the fileserver backup runs. It must be causing puppet timeouts" rather than "hmm. so they failed between 2 and 3, but only 1 had trouble during the backup."

Perhaps "Report Date" is a better name for the embedded datestamp, since that is the date the report was generated (so importing older reports will not have unexpected side-effects.)

Associated revisions

Revision c820bdbb - 04/29/2010 03:24 AM - Ohad Levy

fixes #160 - Last Report Date is client date, not date report was received

History

#1 - 04/03/2010 03:31 PM - Ohad Levy

- Category set to Puppet Reports

- Status changed from New to Feedback

- Assignee set to Dis Connect

would it be enough if we expire the reports based on their creation date instead?

#2 - 04/29/2010 03:26 AM - Ohad Levy

- Status changed from Feedback to Assigned

- Assignee changed from Dis Connect to Ohad Levy

- Target version set to 0.1-5

#3 - 04/29/2010 03:26 AM - Ohad Levy

- Status changed from Assigned to Ready For Testing

- % Done changed from 0 to 100

Applied in changeset c820bdbb9b6795a748a83896d3335dab6fdc9398.

#4 - 04/29/2010 03:28 AM - Ohad Levy

- Status changed from Ready For Testing to Closed

#5 - 04/06/2012 10:35 AM - Jason Antman

Ohad, sorry but this doesn't seem to be fixed.

Scenario: clock on a given host is behind by, say, 6 hours. Host is running normally and sending reports. For that host:

- The "Last Report" column on the Hosts page reads "about 6 hours ago"
- All reports on the hosts/hostname/reports page share the incorrect "Last report" time
- The host shows up as Out of Sync in the dashboard and other places

In these cases, looking at the database, the created_at values appear correct, it's just the reported_at value that comes from the client, and appears to be used.

My personal recommendation (it'll be a while before I can get around to a patch) would be to hunt down all or most uses of "reported_at" in the UI and replace them with "created_at".