Foreman - Bug #1617

Dashboard piechart stats don't match expectations.

05/13/2012 04:38 PM - Brian Gupta

Status:	Closed		
Priority:	Normal		
Assignee:	Brian Gupta		
Category:	Dashboard		
Target version:	1.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

So currently there are two main sections where stats are reported. The text table and the pie chart. I recently discovered that some of the drill-down searches from the text table weren't matching the stats reported on the dashboard. In addition some of the stats were reporting incorrectly in certain edge cases, where there were failed runs that had successfully applied some resources. I figured out why and have since fixed both issues.

One additional behavior still remains for this edge case.

In the pie chart, active nodes will include nodes that have failures but also made changes in the last run. The edge case where this becomes apparent is you have a manifest that is repeatedly applying the same resource on each run.

So now in the pie chart now the various "slices" are:
- No report: This is all hosts that have no reports in the system. (Perhaps because they aren't running puppet).
- Out of sync: No reports in the current puppet interval. e.g. 30 mins
- Pending changes: Only reported for hosts that are in no-op mode but have a change they would apply if they weren't running in no-op mode.
- Notification disabled: Hosts that have been flagged to be excluded from foreman reporting
- OK: Has checked in and no changes were required
- Error: Puppet reported an error on the most recent run
- Active: Changes were made in the last run. The caveat is errored hosts that meet this criteria, also fall into this slice.

So I guess the discrepancy is for those hosts, which meet multiple conditions and show up in more than one slice. A host in the error state, can show up both in the active and Notification disabled slices.

I propose we implement a solution that give statuses the following order of precedence, and have hosts only show up in one section of the pie:

1) Notifications Disabled
2) Out Of Sync
3) Error
4) Active / Pending (it shouldn't be possible to be in both states)
5) Good

Associated revisions

Revision 0bb7ac8f - 05/14/2012 02:46 AM - Brian Gupta

Changes to dashboard statistics. Fixes #1617

Revision ad7ccf6a - 05/15/2012 01:41 AM - Brian Gupta

Dashboard "Good hosts" should exclude "pending" hosts, refs #1617

History

#1 - 05/14/2012 03:37 AM - Brian Gupta

- Status changed from New to Closed

- % Done changed from 0 to 100

Applied in changeset [0bb7ac8f3f071543bcb52c2c214708d8ebfb21a8](#).