Foreman - Bug #29970

Report Template "Applicable Errata" fails for large numbers of Content Hosts

06/01/2020 10:24 AM - Shira Maximov

Status: Closed
Priority: Normal
Assignee: Ondřej Ezr
Category: Reporting

Pull request: https://github.com/theforeman/foreman/pull/8053

Triaged: No
Bugzilla link: 1745146

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1745146

Description of problem:
The "Applicable Errata" report template fails when run against a large number of hosts. (Approximately 17,000). It runs for about 12 hours, until it finally ends with a "500 Internal Server error". (Maybe that 12 hours is a timeout wall?)

When smaller numbers

Version-Release number of selected component (if applicable):
Red Hat Satellite 6.5.2

How reproducible:
Steps to Reproduce:
1. In the WebUI: "Monitor"->"Report Templates"->"Applicable Errata"
2. In the Hosts Filter, specify a search string to match a large number of hosts. Leave errata filter blank
3. Submit

Actual results:
Small numbers return in reasonable amount of time
Large searches take impossibly long to report

Expected results:
Reports generate or at least complete in reasonable amount of time. (i.e. not erroring after 12 hours of waiting to return)

Associated revisions
Revision ba3da753 - 10/08/2020 07:55 AM - Ondřej Ezr
Refs #29970 - speedup Applicable Errata report
Preloads are much faster as those load records only once per batch.
The SQL query is much simpler and transformation to the Rails models is simpler.

History
#1 - 06/01/2020 12:23 PM - Tomer Brisker
- Priority changed from Urgent to Normal
- Category changed from Statistics to Reporting
#2 - 10/06/2020 08:54 PM - The Foreman Bot
- Assignee set to Ondřej Ezr
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8053 added

#3 - 05/14/2021 03:22 PM - Justin Sherrill
- Status changed from Ready For Testing to Closed

This is merged

#4 - 05/14/2021 03:24 PM - Justin Sherrill
- Status changed from Closed to Ready For Testing

#5 - 11/22/2021 01:39 PM - Ondřej Ezr
- Status changed from Ready For Testing to Closed
- Fixed in Releases 3.2.0 added

I'm closing this as it is as good as we can hope with the current functionality.