

Katello - Bug #23604

Speed up manifest import with lots of pools

05/15/2018 08:45 PM - Partha Aji

Status: Closed	
Priority: Normal	
Assignee: Partha Aji	
Category: Subscriptions	
Target version: Katello 3.7.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1573247	Red Hat JIRA:
Pull request: https://github.com/Katello/katello/pull/7373	
Description	
<p>If a user has lots of guest pools (for example, if there are lots of guests running on hypervisors), manifest import can take a long time. Specifically, the "ImportProducts" step can take quite a while. For a Satellite with 3300 pools, this step can take 3.5 hours. It appears that during manifest import, all of the pools are reindexed. This happens one pool at a time, and each pool take a couple of seconds which leads to this issue.</p> <p>Note: The ImportProducts step in manifest import operation takes over 3 hrs on a database with over 3000 guest pools.</p>	

Associated revisions

Revision 6de94a2c - 07/03/2018 09:03 PM - Partha Aji

Fixes #23604 - Speed up manifest import perf

This commit intends to speed up the performance of the manifest import by cutting down unnecessary operations during the Pool indexing stage.

Before

```
timer { Katello::Pool.find(446).import_data }  
=> 12.708098227
```

After

```
timer { Katello::Pool.find(446).import_data }  
  
=> 0.029546651
```

History

#1 - 05/15/2018 08:49 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/Katello/katello/pull/7373> added

#2 - 05/15/2018 08:54 PM - Partha Aji

- Bugzilla link set to 1573247

#3 - 05/16/2018 05:37 PM - Justin Sherrill

- translation missing: en.field_release set to 338

#4 - 07/03/2018 10:01 PM - Partha Aji

- Status changed from Ready For Testing to Closed
- Target version deleted (245)
- % Done changed from 0 to 100

Applied in changeset [katello|6de94a2c18f2f23bc45d2a012bede539fd70755d](#).