

RPM Support - Issue #1971

'--retain-old-count' option not retroactive

06/03/2016 07:34 PM - kfiresmith

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	1. Low	Tags:	Pulp 2
Version:	2.8.3	Sprint:	
Platform Release:		Quarter:	
OS:	RHEL 7		
Triaged:	Yes		
Description			
If you update the '--retain-old-count=' option on a previously sync'd repo that has a number of RPM versions greater than the new value, the new value is not retroactive. Currently it appears the only way you can reduce the number of old versions is to delete the repo and re-create/re-sync with the new target value.			
Steps to reproduce:			
<pre>pulp-admin rpm repo create --repo-id=epel-test --feed=http://download-i2.fedoraproject.org/pub/epel/5/x86_64/ --retain-old-count=2 && pulp-admin rpm repo sync run --repo-id=epel-test pulp-admin rpm repo list --details --repo-id=epel-test grep 'Rpm'</pre>			
<pre>pulp-admin rpm repo update --repo-id=epel-test --retain-old-count=1 && pulp-admin rpm repo sync run --repo-id=epel-test pulp-admin rpm repo list --details --repo-id=epel-test grep 'Rpm'</pre>			
The RPM count will not change, but should be reduced by 1/3.			
Related issues:			
Related to RPM Support - Story #1982: As a user, I can force a full sync		CLOSED - CURRENTRELEASE	
Related to Pulp - Story #1983: As a user, an importer config change or conten...		CLOSED - CURRENTRELEASE	

History

#1 - 06/06/2016 02:49 PM - ipanova@redhat.com

You probably don't fully understand functionality of this option. since 'retain_old_count' is a configuration parameter of yum_importer, when you update its value, yum_importer config is updated and with **next** sync(since yum_importer is responsible for getting the content into pulp) your change will be taken into account. It is the same as changing 'download_policy' for example. The change will be visible with next sync.

#2 - 06/06/2016 02:57 PM - kfiresmith

Hi Ipanova, Thanks for the reply.

I chatted with some of the great RH Devs on #pulp and the root of the confusion is that running a repo sync doesn't effect the intended change until the remote repo metadata changes due to an optimization in yum_importer. This isn't intuitive to the user but there is a workaround to trick the importer as discussed in the below IRC passage. Also in the below IRC passage are the plans for a future version of pulp that would head off this problem.

<mhrivnak> KodiakFiresmith, smyers that is a sync setting, not a publish setting.

<mhrivnak> And I bet it's not being applied, because the sync is being skipped.

<mhrivnak> Because the remote metadata hasn't changed.

<KodiakFiresmith> mhrivnak - I tried a sync afterward

...

<mhrivnak> KodiakFiresmith, so I bet the second sync is skipping most of the workflow.

<mhrivnak> There's an optimization where at the beginning, it determines if the remote content has changed or not.

<mhrivnak> If not, it skips most of the workflow.

<KodiakFiresmith> ah - any way to ctrl+F5 a sync?

<mhrivnak> heh

<mhrivnak> We definitely intend to add a --force-full option. I don't remember if that's already in 2.9 or not.

<mhrivnak> There should also be an improvement so that if any config option has changed, it will do a full sync, but again I think that'll land in 2.9 at the soonest.

...

<mhrivnak> you can trick it by doing this: add a type to the skip list with "--skip", sync, remove that from the skip list, and sync again.

#3 - 06/06/2016 04:45 PM - ipanova@redhat.com

--force-full sync option is not implemented yet, we would need to take same approach as we did with publish.

#4 - 06/06/2016 06:31 PM - kfiresmith

I'm not really privvy to the inner workings as an end-user, this issue was more just me putting it out there that there is an unexpected behaviour happening that might be good to re-work when the big redesign happens w/ Pulp 3.

#5 - 06/07/2016 04:40 PM - amacdona@redhat.com

- Triaged changed from No to Yes

#6 - 06/07/2016 09:28 PM - mhrivnak

- Related to Story #1982: As a user, I can force a full sync added

#7 - 06/07/2016 09:52 PM - mhrivnak

- Related to Story #1983: As a user, an importer config change or content removal will cause the next sync to be full added

#8 - 04/12/2019 10:17 PM - bmbouter

- Status changed from NEW to CLOSED - WONTFIX

Pulp 2 is approaching maintenance mode, and this Pulp 2 ticket is not being actively worked on. As such, it is being closed as WONTFIX. Pulp 2 is still accepting contributions though, so if you want to contribute a fix for this ticket, please reopen or comment on it. If you don't have permissions to reopen this ticket, or you want to discuss an issue, please reach out via the [developer mailing list](#).

#9 - 04/15/2019 10:29 PM - bmbouter

- Tags Pulp 2 added