

Container Support - Story #8313

As an admin I have a way to delete repo versions from push repo so I can free some disk space

03/01/2021 06:04 PM - ipanova@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	ipanova@redhat.com	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	2.7.0	Tags:	GalaxyNG
Platform Release:		Sprint:	Sprint 99
Groomed:	No	Quarter:	
Sprint Candidate:	No		

Description

Problem statement

1. There is no way to free some disc space because we do not allow repo versions removal from push repos. Deleting entire repo is not a viable option.
2. There is no way to delete certain repo versions if there is no longer need to keep them.

(Note: Orphan clean up is still expected to be run in order to remove artifacts from the fs.)

Solution

1. Enable DELETE on the push repo versions endpoint and allow removal of any versions except the latest one.
 - might bring complexity in the logic. Add validation on the distribution update call to disallow repo_version update
 - change in access policy
2. After each push operation remove all repo versions except the latest one. As a result each push operation will always result into one version.
 - this approach will close forever the door for us for adding 'rollback' capabilities for push repos
 - this behaviour might be considered as unwanted/confusing. Other operations like tag/untag/manifest removal will still produce a new version and will not clean up previous ones (behaviour discrepancy)
3. Leave this to pulpcore which will introduce retain N repo-version option. For pulp container push repos by default there will retained only 1 version <https://pulp.plan.io/issues/8368>

Associated revisions

Revision 0fe5d393 - 06/29/2021 08:55 AM - ipanova@redhat.com

Added PUT/PATCH method to the container-push repository.

closes #8313

Required PR: <https://github.com/pulp/pulpcore/pull/1378>

Revision 0fe5d393 - 06/29/2021 08:55 AM - ipanova@redhat.com

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Required PR: <https://github.com/pulp/pulpcore/pull/1378>

History

#1 - 03/01/2021 06:06 PM - ipanova@redhat.com

- Description updated

#2 - 03/01/2021 06:19 PM - ipanova@redhat.com

- Description updated

#3 - 03/01/2021 06:23 PM - ttereshc

- Description updated

I think I'm in favour of solution [#1](#), to allow deleting repo versions and not removing all old ones automatically. I'm not sure whether we need validation in distribution or not.

Historically, Pulp chose the path of providing a lot of flexibility and thus requiring users to understand more concepts and details if they want fine control. Higher level tools/projects (Katello, Galaxy NG, our CLI) can make it simpler for user and remove only allowed/labelled versions or remove all old ones.

#4 - 03/02/2021 01:03 PM - ipanova@redhat.com

- Tags GalaxyNG added

#5 - 03/02/2021 07:35 PM - ipanova@redhat.com

- Sprint/Milestone set to 2.5.0

#6 - 03/15/2021 04:47 PM - mdellweg

I believe, this story would be solved by

<https://pulp.plan.io/issues/8368>

and setting the default for push repos to retain 1 version.

#7 - 03/15/2021 06:15 PM - ipanova@redhat.com

- Description updated

#8 - 03/30/2021 04:01 PM - ipanova@redhat.com

- Sprint/Milestone deleted (2.5.0)

#9 - 05/05/2021 02:26 PM - ipanova@redhat.com

mdellweg wrote:

I believe, this story would be solved by

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and setting the default for push repos to retain 1 version.

POST/PUT is disabled for push repos. Some users might want to change the default which would not be possible

#10 - 05/19/2021 03:10 PM - ipanova@redhat.com

To move this forward I suggest going with option3 which will require to add to the current viewset also put/patch. It will also require to add serializer validation so remote cannot be associated.

#11 - 05/19/2021 03:15 PM - ipanova@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to ipanova@redhat.com

- Sprint/Milestone set to 2.6.0

#12 - 05/19/2021 06:29 PM - ipanova@redhat.com

- Sprint set to Sprint 97

#13 - 05/19/2021 06:53 PM - pulpbot

- Status changed from ASSIGNED to POST

PR: https://github.com/pulp/pulp_container/pull/320

#14 - 05/20/2021 04:44 PM - ipanova@redhat.com

- Sprint/Milestone changed from 2.6.0 to 2.7.0

#15 - 06/02/2021 06:03 PM - rchan

- Sprint changed from Sprint 97 to Sprint 98

#16 - 06/18/2021 11:14 PM - rchan

- Sprint changed from Sprint 98 to Sprint 99

#17 - 06/29/2021 08:55 AM - ipanova@redhat.com

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [0fe5d39336c53d3529af3e6930194550c24bbb0e](#).

#18 - 07/01/2021 07:15 PM - pulpbot

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE