

## Pulp - Story #8454

### As a user, I can't delete RepositoryVersion.number==0

03/25/2021 05:27 PM - bmbouter

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	daviddavis	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>	3.12.0	<b>Tags:</b>	
<b>Platform Release:</b>		<b>Sprint:</b>	Sprint 94
<b>Groomed:</b>	Yes	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	Yes		

#### Description

### Current State

You cannot delete version 0. That is enforced in the code [here](#).

### Proposal

Allow users to be able to delete RepoVersion 0 if it is not the only RepoVersion. Due to the set-differencing data model in Pulp, RepositoryVersions must have at least one RepositoryVersion.

### Implementation

1. The viewset should no longer prevent that RepositoryVersion 0 can be removed
2. A check needs to be added to the Delete Task that if the RepositoryVersion being deleted is the only remaining repository version an error is raised
3. Add tests (see below)

### Add Tests

We need a functional test asserting the correctness around removing RepoVersion 0. Something like:

1. Create a repository
2. Put some content in it to create RepoVersion 1
3. Put more content in it to create RepoVersion 2
4. Assert the content counts for RepositoryVersion 2
5. Assert the content summary data from RepoVersion 2
6. Delete RepoVersion 0
7. Delete RepoVersion 1
8. Assert the content counts from RepoVersion 2 again, to ensure the content is still in-tact.
9. Assert the content summary data from RepoVersion 2 again, to ensure it is correct

We also need a functional test asserting that the only remaining repository version cannot be deleted.

1. Create a Repository
2. Try to delete repository 0
3. Assert the task fails.

#### Related issues:

Blocks Pulp - Story #8368: Limit number of old repository versions.

CLOSED - CURRENTRELEASE

#### Associated revisions

Revision 2d5abaa7 - 04/07/2021 04:09 PM - daviddavis

Allow users to delete repo version 0

fixes #8454

## History

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### #1 - 03/25/2021 05:29 PM - daviddavis

- *Blocks Story #8368: Limit number of old repository versions. added*

### #2 - 03/25/2021 09:15 PM - jsherril@redhat.com

What if RepoVersion 0 is the only RepoVersion?

I would think a Repository should always have at least 1 version and instead of blocking deletion of version 0, we just block if there is only 1 version?

### #3 - 03/25/2021 09:27 PM - ggaaney

I know that at least some of our tests 'assume' that you will always get an answer from a URL like /pulp/api/v3/repositories/rpm/rpm/UUID/versions/0/ . I wouldn't block the proposal to allow /0/ to be deleted as a result, but we'll want to look very carefully to see where else that assumption might have crept into the code.

### #4 - 03/26/2021 03:48 PM - fao89

- *Tracker changed from Issue to Story*

- *% Done set to 0*

- *Severity deleted (2. Medium)*

- *Triaged deleted (No)*

### #5 - 03/26/2021 04:02 PM - bmbouter

- *Subject changed from I can't delete RepositoryVersion.number==0 to As a user, I can't delete RepositoryVersion.number==0*

- *Description updated*

I agree with comment 2. I'm revising the body to indicate that will be the behavior.

### #6 - 03/26/2021 05:37 PM - bmbouter

- *Description updated*

### #7 - 03/26/2021 05:43 PM - bmbouter

- *Description updated*

### #8 - 03/26/2021 05:44 PM - daviddavis

- *Groomed changed from No to Yes*

- *Sprint Candidate changed from No to Yes*

### #9 - 03/26/2021 05:56 PM - bmbouter

- *Sprint/Milestone set to 3.12.0*

### #10 - 03/26/2021 10:17 PM - daviddavis

- *Status changed from NEW to ASSIGNED*

- *Assignee set to daviddavis*

### #11 - 04/01/2021 04:07 PM - mdellweg

- *Sprint/Milestone changed from 3.12.0 to 3.13.0*

### #12 - 04/06/2021 07:27 PM - pulpbot

- *Status changed from ASSIGNED to POST*

PR: <https://github.com/pulp/pulpcore/pull/1235>

### #13 - 04/06/2021 09:37 PM - daviddavis

- *Sprint set to Sprint 94*

### #14 - 04/07/2021 04:09 PM - daviddavis

- *Status changed from POST to MODIFIED*

- % Done changed from 0 to 100

Applied in changeset [pulpcore|2d5abaa7987a653f0d88cb10010da14acaa225c0](#).

**#15 - 04/08/2021 04:38 PM - mdellweg**

- Sprint/Milestone changed from 3.13.0 to 3.12.0

**#16 - 04/08/2021 10:56 PM - pulpbot**

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE