

## Pulp - Test #4464

### Content delivery breaks if remote is deleted

02/25/2019 03:25 PM - bherring

<b>Status:</b> CLOSED - COMPLETE	
<b>Priority:</b> Normal	
<b>Assignee:</b> kersom	
<b>Category:</b>	
<b>Sprint/Milestone:</b>	
<b>Version:</b>	<b>Tags:</b>
<b>Platform Release:</b>	<b>Sprint:</b>
<b>Description</b>	
<b>Problem</b>	
<p>It is possible to delete a Remote which is referenced by RemoteArtifacts that are part of a Publication/Repo. As cascading delete is used (<a href="https://github.com/pulp/pulp/blob/88a6ebf31de83a4877909fa93fd94bf122894838/pulpcore/app/models/content.py#L335">https://github.com/pulp/pulp/blob/88a6ebf31de83a4877909fa93fd94bf122894838/pulpcore/app/models/content.py#L335</a>), this will delete the RemoteArtifacts as well.</p> <p>If such an artifact is retrieved via the content app and needs to be streamed, this will fail with an internal server error:</p> <pre>Dec 30 17:41:45 pulp3.dev gunicorn[23755]: Traceback (most recent call last): Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/.virtualenvs/pulp/lib64/python3.6 /site-packages/aiohttp/web_protocol.py", line 390, in start Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     resp = await self._request_handler(request) Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/.virtualenvs/pulp/lib64/python3.6 /site-packages/aiohttp/web_app.py", line 366, in _handle Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     resp = await handler(request) Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/devel/pulp/pulpcore/content/handl er.py", line 65, in stream_content Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     return await self._match_and_stream(path, request) Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/devel/pulp/pulpcore/content/handl er.py", line 179, in _match_and_stream Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     return await self._stream_content_artifact(request, web.StreamResponse(), ca) Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/devel/pulp/pulpcore/content/handl er.py", line 223, in _stream_content_artifact Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     remote_artifact = content_artifact.remoteartifact_s et.get() Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/.virtualenvs/pulp/lib64/python3.6 /site-packages/django/db/models/manager.py", line 82, in manager_method Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     return getattr(self.get_queryset(), name)(*args, ** kwargs) Dec 30 17:41:45 pulp3.dev gunicorn[23755]:   File "/home/vagrant/.virtualenvs/pulp/lib64/python3.6 /site-packages/django/db/models/query.py", line 399, in get Dec 30 17:41:45 pulp3.dev gunicorn[23755]:     self.model._meta.object_name Dec 30 17:41:45 pulp3.dev gunicorn[23755]: pulpcore.app.models.content.RemoteArtifact.DoesNotExist : RemoteArtifact matching query does not exist.</pre>	
<b>Possible solutions:</b>	
<ol style="list-style-type: none"><li>1. Block the deletion of the remote as long as referencing RemoteArtifacts exist</li><li>2. Return a 404 not found error</li></ol>	
<b>Related issues:</b>	
Copied from Pulp - Issue #4289: Content delivery breaks if remote is deleted	
<b>MODIFIED</b>	

## Associated revisions

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### Revision 73b9788f - 04/17/2019 11:46 PM - kersom

Add test to content delivery breaks if remote is deleted

Add test to verify that content delivery breaks if a remote - using lazy download policy, is deleted.

Also verify that the content can be downloaded from Pulp once the remote is recreated and another sync is triggered.

<https://pulp.plan.io/issues/4464>

closes:#4464

## History

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### #1 - 02/25/2019 03:25 PM - bherring

- Copied from Issue #4289: Content delivery breaks if remote is deleted added

### #2 - 02/25/2019 03:26 PM - bherring

## Triage Notes

- lazy sync but don't let it downloaded
- delete the remote
- try to get the unit through a distribution;
- Should get a 404 and NOT 500
- see [#4323](#) as related for HTTP return updates

### #3 - 02/26/2019 07:27 PM - davidDavis

- Tags deleted (Pulp 3 RC Blocker)

### #4 - 03/12/2019 10:23 PM - kersom

- Assignee set to kersom

### #5 - 04/11/2019 09:21 PM - kersom

- Status changed from NEW to ASSIGNED

### #6 - 04/17/2019 11:46 PM - kersom

- Status changed from ASSIGNED to MODIFIED

Applied in changeset [pulpcore|73b9788fd0dacf3245a4ed08a2d75dc0d597e12a](#).

### #7 - 04/18/2019 09:24 PM - kersom

- Status changed from MODIFIED to CLOSED - COMPLETE

### #8 - 04/26/2019 10:31 PM - bmbouter

- Tags deleted (Pulp 3)