OSTree Support - Issue #9431

Sync tasks fail with the latest pulpcore version

09/22/2021 05:57 PM - lmjachky

Status:	MODIFIED		**Start date:**	
Priority:	High		**Due date:**	
Assignee:	lmjachky		**Estimated time:**	0:00 hour
Category:				
Sprint/Milestone:	2.0.0a2			
Severity:	2. Medium		**Groomed:**	No
Version - OSTree:			**Sprint Candidate:**	No
Platform Release:			**Tags:**	
Target Release - OSTree:			**Sprint:**	Sprint 106
OS:			**Quarter:**	
Triaged:	No			

Description
`'Pulp task failed (No declared artifact with relative path "8274d1cf-5109-438b-ac44-2c561c880c0c/objects/ad/a85ed21a9393257c364f1de573d6d3f1b32f9d2ae08956837ba834036d5019.dirmeta" for content "<OstreeObject: pk=3c868b45-5d8d-459b-80fa-5a947dfeba1f>")'`   This might be related to sync_async changes. Updating ProgressReport to async does not help. There is probably a more serious issue underneath.

Associated revisions

Revision e7029229 - 09/29/2021 11:02 AM - Lubos Mjachky

Fix the problem with relative paths

closes #9431

Revision ba875a5a - 10/22/2021 01:39 PM - Lubos Mjachky

Fix the problem with relative paths

closes #9431

History

#1 - 09/23/2021 11:55 PM - rchan

- Sprint changed from Sprint 105 to Sprint 106

#2 - 09/27/2021 11:01 AM - lmjachky

The problem is caused by the fact that the same content units need to be published at different relative paths. But, the relative path of an existing content unit fetched from the database does not have the same relative path as a content unit created in the sync pipeline and the following if-condition will never be met:
https://github.com/pulp/pulpcore/blob/cb564bad6eab050dc4952d929cd41f2dc8189b29/pulpcore/plugin/stages/artifact_stages.py#L329

This issue was not disclosed during the development due to the orphan cleanup workflow which was run after every function test. Disabling redis triggered the erroneous behaviour as well.

A possible patch for the problem is to create a uniqueness constraint on relative_path in all OSTree content units which has an Artifact object associated with them (https://hackmd.io/@pulp/SJ9davNYL#pulp_deb--pulp_file-way).

#3 - 09/27/2021 07:47 PM - lmjachky

- Status changed from ASSIGNED to POST

PR: https://github.com/pulp/pulp_ostree/pull/129

#4 - 09/29/2021 11:02 AM - Anonymous

- Status changed from POST to MODIFIED

Applied in changeset e7029229d73e3fe4bc6e4afa2aefbedab144f926.

#5 - 09/29/2021 11:24 AM - lmjachky

- Sprint/Milestone set to 2.0.0a2