

Docker Support - Test #4128

Test sync of a repository that is missing blobs

11/06/2018 08:52 PM - amacdona@redhat.com

Status: CLOSED - COMPLETE	
Priority: Normal	
Assignee: bherring	
Category:	
Sprint/Milestone:	
Platform Release:	Sprint:
Tags: Pulp 2	Quarter:
Description	
This test will require the creation of a new fixture for pulp_docker that is a corrupted repository. This fixture is primarily intended to test https://pulp.plan.io/issues/2849 (pulp 2) but could also be useful for testing pulp 3.	
The "corrupted repository" can be a fully published non-corrupt repository that is simply missing one or more Images referenced by or or more of the Image Manifests.	
Related issues:	
Related to Docker Support - Issue #2849: Worker terminates abnormally while p...	CLOSED - CURRENTRELEASE
Related to Pulp - Test #4259: As a user I can sync from a docker registry	CLOSED - COMPLETE

History

#1 - 11/06/2018 08:52 PM - amacdona@redhat.com

- Project changed from Pulp to Docker Support

#2 - 11/06/2018 08:56 PM - amacdona@redhat.com

- Related to Issue #2849: Worker terminates abnormally while processing task added

#3 - 11/12/2018 05:17 PM - amacdona@redhat.com

I was able to reproduce the problem using a pulp-pulp sync.

<https://pulp.plan.io/issues/2849#note-14>

#4 - 11/21/2018 08:38 PM - bherring

- Status changed from NEW to ASSIGNED

#5 - 11/21/2018 08:39 PM - bherring

- Assignee set to bherring

#6 - 12/03/2018 08:03 PM - bherring

Verified Releasees

Platform Version: 2.19a1

Status

Works as Expected

Verification Log/Snippet

By moving the source of the symlink blob on the master_node, a 404 sync issue was created with crane.

Pulp successfully prevents a corrupted repo, as noted by the well documented source RM [#2849](#).

```
[root@kvm-04-guest08 ~]# pulp-admin -u admin -p admin docker repo sync run --repo-id fixture
+-----+
|               Synchronizing Repository [fixture]               |
+-----+

This command may be exited via ctrl+c without affecting the request.

Downloading manifests
[/]
... completed

Copying units already in pulp
[-]
... completed

Copying units already in pulp
[-]
... completed

Downloading remote files
[=====] 42%
159 of 375 items
... failed

Task Failed

Image download(s) from
http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:5b0d5902
6729b68570d99bc4f3f7c31a2e4f2a5736435641565d93e7c25bd2c3 failed. Sync task has
failed to prevent a corrupted repository.

[root@kvm-04-guest08 ~]#
```

And handles the failure as expected:

```
-- Logs begin at Mon 2018-12-03 07:37:52 EST, end at Mon 2018-12-03 13:35:00 EST. --
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
succeeded: http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:a923c1afe177096fdfe14e91f7
d6615866fad7f2843c064c6d7774db6d4c447.
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
succeeded: http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:b14df7f8f09f465786a6d40cc1
ce5b0f584da00fb5fdb837f11alcd14e537632.
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
succeeded: http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:5b45a4076feb26fda45e37de5b
cc047be974e4bb85978d7f3713068282f11456.
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
succeeded: http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:61a60a4d80d102088680814e82
dda06552ed4e27e838c7733b75372e111b4a2e.
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
failed: Download of http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:5b0d59026729b6857
0d99bc4f3f7c31a2e4f2a5736435641565d93e7c25bd2c3 failed with code 404: Not Found
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
succeeded: http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:a1d02d3b71d76a6a5944396b02
b745b8c53fc66f001ec649f3a506c353aae23a.
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
of http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:3f46e1095de266d1af2b069542c947ebe4
17063bedd12d781dcd39c9f6759ed3 was cancelled
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
of http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:f40a81bb9a0e674c5f790a76d53d594271
dd46fc6c191581e3f79b32972ad700 was cancelled
Dec 03 13:05:15 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: nectar.downloaders.threaded:INFO: Download
of http://kvm-04-guest09.rhds.eng.bos.redhat.com:5000/v2/test/blobs/sha256:521aaaf5e96e9be460cf2f45f6496113cf
c6a5c1a0dc3e63f57c97367a4b133f was cancelled
Dec 03 13:05:16 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: pulp.server.async.tasks:INFO: [4dd06e49] T
ask failed : [4dd06e49-7314-4f6d-86a3-05e21901d3e2] : Image download(s) from http://kvm-04-guest09.rhds.eng.bo
s.redhat.com:5000/v2/test/blobs/sha256:5b0d59026729b68570d99bc4f3f7c31a2e4f2a5736435641565d93e7c25bd2c3 failed
. Sync task has failed to prevent a corrupted repository.
Dec 03 13:05:16 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: celery.app.trace:INFO: [4dd06e49] Task pul
p.server.managers.repo.sync.sync[4dd06e49-7314-4f6d-86a3-05e21901d3e2] raised expected: PulpCodedException()
Dec 03 13:05:16 kvm-04-guest08.rhds.eng.bos.redhat.com pulp[18366]: celery.app.trace:INFO: [a5f819b1] Task pul
```

p.server.async.tasks._release_resource[a5f819b1-5f25-483d-ab82-820ac1efcebc] succeeded in 0.00434369600043s: None

Notes

I will be adding all notes to [#4129](#) as both have relatively the same verification and use the same manual test harness.

In short, our current automated harness currently does not include the concept or ability to do multiple pulp instances running to be test against in a system.

This is an improvement to feature testing we can and should look into for Pulp3.

#7 - 12/03/2018 08:03 PM - bherring

- Status changed from ASSIGNED to CLOSED - COMPLETE

No automated test added to the repo.

Manual verification only.

Discussed with Austin.

#8 - 12/11/2018 02:38 PM - bherring

- Related to Test #4259: As a user I can sync from a docker registry added

#9 - 04/15/2019 10:08 PM - bmbouter

- Tags Pulp 2 added