

Docker Support - Issue #914

Repo sync broken

04/24/2015 01:45 AM - mkovacik@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	mhrivnak	Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	3. High	Tags:	Pulp 2
Version - Docker:	1.0.0	Sprint:	
Platform Release:		Quarter:	
Target Release - Docker:	1.0.1		
OS:			
Triaged:	Yes		

Description

The repo synchronization is broken in pulp-docker-plugins-1.0.0-1.fc21.noarch
The Registry Tags API has changed recently --- see attached patch that fixes the issue for me

How reproducible:
Always

Steps to reproduce:

```
- pulp-admin docker repo create --repo-id=busybox --feed=https://index.docker.io --upstream-name=busybox  
- pulp-admin docker repo sync run --repo-id=busybox
```

Actual result:

Sync task fails with an IOError NOT FOUND

Expected result:

Sync task finishes OK

Notes:

Breaks pulp automation test case:

https://github.com/RedHatQE/pulp-automation/blob/master/tests/general_tests/test_20_docker_repo_cud.py

Associated revisions

Revision 8081b301 - 05/01/2015 09:57 PM - mhrivnak

The API for fetching tags from a remote registry or index changed. This uses the new API.

closes #914

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History

#1 - 04/26/2015 08:55 PM - mhrivnak

- Status changed from NEW to ASSIGNED
- Assignee set to mhrivnak
- Priority changed from Normal to High
- Severity changed from 2. Medium to 3. High
- Triaged changed from No to Yes

#2 - 04/26/2015 11:35 PM - mhrivnak

Thanks for catching this. I confirmed the problem and solution. It's extra-confusing because right now, getting tags for the busybox repo from either index.docker.io, or registry-1.docker.io, both work but return different image IDs. Maybe the former has stale data that they're no longer updating?

Have you been able to find other repositories that are broken in this way? I was able to sync "pulp/worker" just fine, so it seems not all of them have the same mismatch of tag data.

#3 - 04/27/2015 11:25 AM - mkovacik@redhat.com

mhrivnak wrote:

Thanks for catching this. I confirmed the problem and solution. It's extra-confusing because right now, getting tags for the busybox repo from either index.docker.io, or registry-1.docker.io, both work but return different image IDs. Maybe the former has stale data that they're no longer updating?

It seems the index url <https://index.docker.io/v1/> is now being used just to get the Authorization Token. All other request are supposed to go through the endpoints specified in the X-Docker-Endpoints header and have to be authorized //1.

At least that works for now.

Have you been able to find other repositories that are broken in this way? I was able to sync "pulp/worker" just fine, so it seems not all of them have the same mismatch of tag data.

My Public personal repo is affected <https://registry.hub.docker.com/repos/dparalen/> and the patch works for me in this case.

I'm able to sync "pulp/worker" having applied the patch.

Maybe only newer and library repos are affected, can't tell.

Cheers,
milan

//1 looking into some other projects implementation, <https://github.com/CenturyLinkLabs/docker-reg-client> ; some trial&error with curl ; following docker CLI tool logs ; googlin'

#4 - 04/30/2015 09:26 PM - mhrivnak

- Version changed from 2.6.1 Beta to 1.0.0

#5 - 05/01/2015 04:57 PM - mhrivnak

- Status changed from ASSIGNED to POST
- Target Release - Docker set to 1.0.1

https://github.com/pulp/pulp_docker/pull/66

#6 - 05/01/2015 10:20 PM - mhrivnak

- Status changed from POST to MODIFIED

#7 - 05/01/2015 11:01 PM - mhrivnak

- % Done changed from 0 to 100

Applied in changeset [8081b301305a7f12fb412fd5819e46dff239dce5](#).

#8 - 05/05/2015 05:02 PM - bmbouter

- Version deleted (1.0.0)
- Version - Docker set to 1.0.0

#9 - 05/27/2015 03:29 PM - dkliban@redhat.com

- Status changed from MODIFIED to 5

#11 - 05/27/2015 04:08 PM - mkovacik@redhat.com

- Status changed from 5 to 6

Verified with:

- Red Hat Enterprise Linux Server release 6.6 (Santiago)
- pulp-server-2.6.2-0.2.beta.el6.noarch
- pulp-docker-plugins-1.0.1-0.2.beta.el6.noarch

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo create --repo-id busybox --upstream-name busybox --feed https://index.docker.io
Repository [busybox] successfully created
```

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo sync run --repo-id busybox
+-----+
| Synchronizing Repository [busybox] |
+-----+
```

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

Retrieving metadata

```
[/]
... completed
```

Copying units already in pulp

```
[-]
... completed
```

Downloading remote files

```
[=====] 100%
23 of 23 items
... completed
```

Saving images and tags

```
[-]
... completed
```

Task Succeeded

Publishing Image Files.

```
[=====] 100%
9 of 9 items
... completed
```

Making files available via web.

```
[-]
... completed
```

Task Succeeded

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo delete --repo-id pulp-automation
```

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

```
[\]
Running...
```

Repository [pulp-automation] successfully deleted

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo create --repo-id hello-world --upstream-name hello-world --feed https://index.docker.io
Repository [hello-world] successfully created
```

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo sync run --repo-id hello-world
+-----+
| Synchronizing Repository [hello-world] |
+-----+
```

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

Retrieving metadata

Retrieving metadata

[/]
... completed

Copying units already in pulp

[-]
... completed

Downloading remote files

[=====] 100%
53 of 53 items
... completed

Saving images and tags

[-]
... completed

Task Succeeded

Publishing Image Files.

[=====] 100%
18 of 18 items
... completed

Making files available via web.

[-]
... completed

Task Succeeded

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo create --repo-id none --feed=https://index.docker.io --upstream-name none  
Repository [none] successfully created
```

```
[root@ip-172-31-20-145 ~]# pulp-admin -u admin -p admin docker repo sync run --repo-id none
```

```
+-----+  
|                Synchronizing Repository [none]                |  
+-----+
```

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

Retrieving metadata

[-]
... failed
NOT FOUND

Task Failed

NOT FOUND

```
[root@ip-172-31-20-145 ~]#
```

#12 - 09/14/2015 02:49 PM - dkliban@redhat.com

- Status changed from 6 to CLOSED - CURRENTRELEASE

#15 - 04/15/2019 10:50 PM - bmbouter

- Tags Pulp 2 added

Files

registry.py.diff

925 Bytes

04/23/2015

mkovacik@redhat.com