

## RPM Support - Issue #4826

### Pulp RPM Publish Comps File Error

05/15/2019 08:45 PM - Anonymous

<b>Status:</b>	CLOSED - WORKSFORME	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>		<b>Sprint Candidate:</b>	No
<b>Severity:</b>	3. High	<b>Tags:</b>	Pulp 2
<b>Version:</b>	2.19.0	<b>Sprint:</b>	
<b>Platform Release:</b>		<b>Quarter:</b>	
<b>OS:</b>	CentOS 7		
<b>Triaged:</b>	Yes		

#### Description

Hello!

I have had an issue over the last little while since updating several Centos 7 boxes to 2.19. When the repos go to publish it would fail out during "Publishing Comps File" on all repos. Long story short I have tracked it down to a change was made in [https://github.com/pulp/pulp\\_rpm/blame/2.19-release/plugins/pulp\\_rpm/plugins/distributors/yum/publish.py](https://github.com/pulp/pulp_rpm/blame/2.19-release/plugins/pulp_rpm/plugins/distributors/yum/publish.py) line 1181-1190. Now that sqliterepo\_c is in use instead of createrepo\_c ( [https://github.com/pulp/pulp\\_rpm/blame/c5f27803ad26dd8f5ff6c36b7d14f2a95e30ec25/plugins/pulp\\_rpm/plugins/distributors/yum/publish.py](https://github.com/pulp/pulp_rpm/blame/c5f27803ad26dd8f5ff6c36b7d14f2a95e30ec25/plugins/pulp_rpm/plugins/distributors/yum/publish.py) line 1179), sqliterepo\_c doesnt know to look into the ./scratch folder in the job and fails out. More details below.

#### Problem:

Running a stock 2.19 on Centos fresh, installed for me hooked up to global repos would sync, but on publish would give the following (I turned on verbose sqliterepo\_c output)

```
[root@test repodata]# pulp-admin rpm repo export run --repo-id centos7-x86_64-os-global
+-----+
          Publishing Repository [centos7-x86_64-os-global]
+-----+
```

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

Initializing repo metadata

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

Publishing Distribution files

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

Publishing RPMs

```
[=====] 100%
10019 of 10019 items
... completed
```

Publishing Delta RPMs

```
... skipped
```

Publishing Errata

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

Publishing Modules

```
... skipped
```

Publishing Comps file

92 of 110 items

Task Failed

Error occurred during 'sqliterepo\_c' execution:

::  
15:16:48: Version:  
0.10.0

15:16:48: Signal handler setup  
15:16:48: cr\_get\_local\_metadata:  
/var/cache/pulp/reserved\_resource\_worker-3@test/96de374b-b164-454d-9c1f-20d6c18e5462/repodata/repo  
md.xml doesn't  
exists  
repomd.xml doesn't exist

May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) Exception caught from plugin during publish for repo [centos7-x86\_64-os-global]  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) Traceback (most recent call last):  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/server/controllers/repository.py", line 1259, i  
n \_do\_publish  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) publish\_report = publish\_repo(transfer\_repo, conduit, call\_config)  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 737, in wrap\_f  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) return f(\*args, \*\*kwargs)  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp\_rpm/plugins/distributors/export\_distributor/dis  
tributor.py", line 138, in publish\_repo  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) return self.\_publisher.process\_lifecycle()  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish\_step.py", line 572, in pro  
cess\_lifecycle  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) super(PluginStep, self).process\_lifecycle()  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish\_step.py", line 163, in pro  
cess\_lifecycle  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) step.process()  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish\_step.py", line 256, in pro  
cess  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) self.\_process\_block()  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp/plugins/util/publish\_step.py", line 303, in \_pr  
ocess\_block  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) self.process\_main()  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) File "/usr/lib/python2.7/site-packages/pulp\_rpm/plugins/distributors/yum/publish.py", line  
1191, in process\_main  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) stderr=stderr)  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) PulpCodedException: Error occurred during 'sqliterepo\_c' execution:  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) ::  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25  
184) repomd.xml doesn't exist  
May 14 17:32:34 test pulp[472707]: pulp.server.controllers.repository:ERROR: [25c1e177] (472707-25

184)

**Fix:**

It should be looking in  
/var/cache/pulp/reserved\_resource\_worker-3@test/96de374b-b164-454d-9c1f-20d6c18e5462/scratch/repodata/repomd.xml instead.

I replaced publish.py with the last revision (using createrepo\_c) and it worked right away. I also was able to get it to work with sqliterepo\_c by adding '/scratch/' to the command. Both tested and gave me a working ISO. :)

**History**

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**#1 - 05/15/2019 09:23 PM - Anonymous**

Submitted a patch, not sure if thats how you would want to go about fixing or have another idea. [https://github.com/pulp/pulp\\_rpm/pull/1343](https://github.com/pulp/pulp_rpm/pull/1343) But this does seem to fix 2.19, the version prod in the repo right now.

**#2 - 05/15/2019 09:39 PM - Anonymous**

The plot thickens! If I run a sync now it errors out saying ./scratch doesnt exist, but then if I publish it works.

**#3 - 05/15/2019 10:48 PM - daviddavis**

- Project changed from Pulp to RPM Support

**#4 - 05/16/2019 06:01 PM - ttereshc**

- Triaged changed from No to Yes

- Sprint set to Sprint 53

**#5 - 05/22/2019 09:04 PM - Anonymous**

The dirty fix I have been using that works:

```
if os.path.isdir(self.content_dir + "/scratch/"):
    pipe = subprocess.Popen('sqliterepo_c --local-sqlite -f '
                             '--checksum %(checksum_type)s '
                             '%(content_dir)s/scratch/' %
                             {'checksum_type': checksum_type,
                              'content_dir': self.content_dir},
                             shell=True, stdout=subprocess.PIPE,
                             stderr=subprocess.PIPE)
else:
    pipe = subprocess.Popen('sqliterepo_c --local-sqlite -f '
                             '--checksum %(checksum_type)s '
                             '%(content_dir)s' %
                             {'checksum_type': checksum_type,
                              'content_dir': self.content_dir},
                             shell=True, stdout=subprocess.PIPE,
                             stderr=subprocess.PIPE)
```

**#6 - 05/28/2019 03:16 PM - dkliban@redhat.com**

I was unable to reproduce this issue. I synced and published CentOS and Pulp 2.19 repos using Pulp 2.19.0. Bother repos published comp files without error. I used the following createrepo\_c package:

```
createrepo_c.x86_64 0.10
.0-6.e17 @epel
```

**#7 - 05/28/2019 08:26 PM - dkliban@redhat.com**

I just tried with createrepo\_c-libs-0.10.0-18.e17.x86\_64 and still could not reproduce.

**#8 - 05/31/2019 03:23 PM - dkliban@redhat.com**

- Sprint deleted (Sprint 53)

**#9 - 06/06/2019 05:35 PM - dkliban@redhat.com**

- Status changed from NEW to CLOSED - WORKSFORME

**#10 - 01/28/2020 03:51 PM - kossusukka**

I confirm this bug existence.

Pulp 2.20 installed, have 8 RPM repos which no one could be exported. All failing at exact same "Error occurred during 'sqliterepo\_c'" error. Repos otherwise work ok, they sync OK and gets published ok. Repoview + SQLiteDB generation works also at publishing.

Reproduce by setting `--generate-sqlite=True` (and possibly `--repoview=True`) using `pulp-admin`.

When i disabled both of these, export iso worked ok! When i enable both of these, problem reoccurs.

I used dirty hack by "danberk" from post 5 and it works. Now i can export ISO when repoview (and required sqlite) is enabled, also sync+publish works.