

## RPM Support - Issue #8787

### "UnboundLocalError: local variable 'result' referenced before assignment" on attempt to sync some repos

05/20/2021 01:32 PM - sskracic@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	dalley	<b>Estimated time:</b>	0:00 hour
<b>Category:</b>		<b>Groomed:</b>	No
<b>Sprint/Milestone:</b>	3.13.3	<b>Sprint Candidate:</b>	No
<b>Severity:</b>	2. Medium	<b>Tags:</b>	
<b>Version:</b>	Master	<b>Sprint:</b>	Sprint 100
<b>Platform Release:</b>		<b>Quarter:</b>	
<b>OS:</b>			
<b>Triaged:</b>	Yes		
<b>Description</b>			
<p>Today I was trying to sync some Red Hat repos with fresh pulp-rpm 3.12.0 release. Everything went well, except for couple of repos that generated this stack trace in the logs:</p>			
<pre>May 20 11:20:17 pulp3.skracic.net rq[1495551]: pulp [612c4427c121435c9fea0b933098c1cd]: pulp_rpm.a pp.tasks.synchronizing:INFO: Synchronizing: repository=rhel-8 -for-aarch64-appstream-beta-source-rhui-rpms remote=rhel-8-for-aarch64-appstream-beta-source-rhui- rpms May 20 11:20:17 pulp3.skracic.net rq[1495559]: pulp [9e8d4c3e69de43b58bb023182fe0db84]: rq.worker: ERROR: Traceback (most recent call last): May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/lib64/python3.6/site-pa ckages/rq/worker.py", line 1013, in perform_job May 20 11:20:17 pulp3.skracic.net rq[1495559]:     rv = job.perform() May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/lib64/python3.6/site-pa ckages/rq/job.py", line 709, in perform May 20 11:20:17 pulp3.skracic.net rq[1495559]:     self._result = self._execute() May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/lib64/python3.6/site-pa ckages/rq/job.py", line 732, in _execute May 20 11:20:17 pulp3.skracic.net rq[1495559]:     result = self.func(*self.args, **self.kwargs) May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/src/pulp-rpm/pulp_rpm/a pp/tasks/synchronizing.py", line 227, in synchronize May 20 11:20:17 pulp3.skracic.net rq[1495559]:     remote_url = fetch_remote_url(remote) May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/src/pulp-rpm/pulp_rpm/a pp/tasks/synchronizing.py", line 141, in fetch_remote_url May 20 11:20:17 pulp3.skracic.net rq[1495559]:     if get_repomd_file(remote, remote_url): May 20 11:20:17 pulp3.skracic.net rq[1495559]: File "/usr/local/lib/pulp/src/pulp-rpm/pulp_rpm/a pp/tasks/synchronizing.py", line 110, in get_repomd_file May 20 11:20:17 pulp3.skracic.net rq[1495559]:     return result May 20 11:20:17 pulp3.skracic.net rq[1495559]: UnboundLocalError: local variable 'result' referenc ed before assignment</pre>			
<p>Upon further inspection, it looks like the repos themselves have been "turned off" following the RHEL 8.4 GA, and when tried to download using the command line utilities, 403 Forbidden error code is retrieved.</p>			
<p>So it looks like the exception handling should deal with 403 returned from the remote URL.</p>			
<p>My Pulp installation is running on RHEL 8, BTW.</p>			
<b>Related issues:</b>			
Related to Pulp - Story #8873: pulp 3 stops when encounters 403 error		<b>CLOSED - DUPLICATE</b>	
Has duplicate RPM Support - Issue #9019: A variable referenced before assignm...		<b>CLOSED - DUPLICATE</b>	
Has duplicate RPM Support - Issue #9022: errors fetching repomd.xml will fail...		<b>CLOSED - DUPLICATE</b>	
Copied to RPM Support - Backport #9027: Backport 8787 to 3.13.3		<b>CLOSED - CURRENTRELEASE</b>	

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## Associated revisions

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### Revision 727b530b - 07/07/2021 10:32 PM - dalley

Fix unbound local error when Pulp receives a non-404 ClientResponseError

If Pulp receives a ClientResponseError when attempting to download a file, but the status code isn't 404, then we go down the wrong code path.

closes: #8787 <https://pulp.plan.io/issues/8787>

## History

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### #1 - 05/20/2021 06:09 PM - ttereshc

- Triaged changed from No to Yes

- Sprint set to Sprint 97

### #2 - 05/27/2021 05:19 AM - dalley

- Status changed from NEW to POST

- Assignee set to zhunting

### #3 - 05/27/2021 05:52 AM - pulpbot

PR: [https://github.com/pulp/pulp\\_rpm/pull/2008](https://github.com/pulp/pulp_rpm/pull/2008)

### #4 - 06/02/2021 05:49 PM - dalley

- Assignee changed from zhunting to dalley

whoops

### #5 - 06/02/2021 06:03 PM - rchan

- Sprint changed from Sprint 97 to Sprint 98

### #6 - 06/17/2021 05:59 PM - dalley

- Related to Story #8873: pulp 3 stops when encounters 403 error added

### #7 - 06/18/2021 11:14 PM - rchan

- Sprint changed from Sprint 98 to Sprint 99

### #8 - 07/02/2021 09:23 PM - rchan

- Sprint changed from Sprint 99 to Sprint 100

### #9 - 07/06/2021 04:36 PM - dalley

- Related to Issue #9019: A variable referenced before assignment while reading repomd added

### #10 - 07/06/2021 04:36 PM - dalley

- Related to deleted (Issue #9019: A variable referenced before assignment while reading repomd )

### #11 - 07/06/2021 04:36 PM - dalley

- Has duplicate Issue #9019: A variable referenced before assignment while reading repomd added

### #12 - 07/06/2021 11:14 PM - dalley

- Has duplicate Issue #9022: errors fetching repomd.xml will fail with python error 'local variable 'result' referenced before assignment' added

### #13 - 07/07/2021 10:32 PM - dalley

- Status changed from POST to MODIFIED

Applied in changeset [727b530bbd0e74041c49808b19e1a0333cff2570](https://pulp.plan.io/changesets/details/727b530bbd0e74041c49808b19e1a0333cff2570).

### #14 - 07/07/2021 10:34 PM - dalley

- Copied to Backport #9027: Backport 8787 to 3.13.3 added

**#15 - 07/07/2021 11:10 PM - dalley**

- *Sprint/Milestone set to 3.13.3*

**#16 - 07/13/2021 10:36 PM - dalley**

- *Status changed from MODIFIED to CLOSED - CURRENTRELEASE*