

RPM Support - Issue #2495

When generating applicability data for multiple repositories, tasks throws error CursorNotFound

12/16/2016 06:00 PM - cyrus_mc

Status:	CLOSED - WONTFIX	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	3. High	Groomed:	No
Version:	2.10.2	Sprint Candidate:	No
Platform Release:		Tags:	Pulp 2
OS:	CentOS 7	Sprint:	
Triaged:	Yes	Quarter:	
Description			
I attempted to generate applicability data for multiple repositories (6 to be exact).			
The task ended up throwing the following error message at this point in code:			
https://github.com/pulp/pulp/blob/pulp-2.10.2-1/server/pulp/server/managers/consumer/applicability.py#L129			
<pre>Dec 15 15:25:43 pit-pulp-01 pulp: celery.beat:INFO: Scheduler: Sending due task download_deferred_content (pulp.server.controllers.repository.queue_download_deferred) Dec 15 15:25:43 pit-pulp-01 pulp: celery.worker.strategy:INFO: Received task: pulp.server.controllers.repository.queue_download_deferred[541e1117-cc2f-4a26-affe-de3316c0cc2f] Dec 15 15:39:32 pit-pulp-01 pulp: pulp.server.async.tasks:INFO: Task failed : [64996c8a-c749-488f-8951-60d1fe24976d] Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) Task pulp.server.managers.consumer.applicability.regenerate_applicability_for_repos[64996c8a-c749-488f-8951-60d1fe24976d] raised unexpected: CursorNotFound('Cursor not found, cursor id: 138653478868',) Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) Traceback (most recent call last): Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 240, in trace_task Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) R = retval = fun(*args, **kwargs) Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 488, in __call__ Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) return super(Task, self).__call__(*args, **kwargs) Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 103, in __call__ Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) return super(PulpTask, self).__call__(*args, **kwargs) Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 437, in __protected_call__ Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) return self.run(*args, **kwargs) Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib/python2.7/site-packages/pulp/server/managers/consumer/applicability.py", line 129, in regenerate_applicability_for_repos Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) for existing_applicability in existing_applicabilities: Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib64/python2.7/site-packages/pymongo/cursor.py", line 1097, in next Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) if len(self.__data) or self._refresh(): Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib64/python2.7/site-packages/pymongo/cursor.py", line 1039, in _refresh</pre>			

```
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) self.__max_await_time_m
s))
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib64/python2.
7/site-packages/pymongo/cursor.py", line 903, in __send_message
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) codec_options=self.__co
dec_options)
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) File "/usr/lib64/python2.
7/site-packages/pymongo/helpers.py", line 114, in _unpack_response
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) raise CursorNotFound(ms
g, 43, errobj)
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:ERROR: (908-78688) CursorNotFound: Cursor not
found, cursor id: 138653478868
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:INFO: Task pulp.server.async.tasks._release_re
source[112aba53-6f05-4738-9ccb-ee2bc5442b40] succeeded in 0.0691354039591s: None
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.strategy:INFO: Received task: pulp.server.controll
ers.repository.download_deferred[ec3071fc-64a9-4d59-8c3c-e58f7adf082e]
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:INFO: Task pulp.server.controllers.repository.
queue_download_deferred[541e1117-cc2f-4a26-affe-de3316c0cc2f] succeeded in 0.0432541829068s: None
Dec 15 15:39:32 pit-pulp-01 pulp: celery.worker.job:INFO: Task pulp.server.controllers.repository.
download_deferred[ec3071fc-64a9-4d60-8c3c-e58f7adf082e] succeeded in 0.123732904904s: None
```

In total I have around 220 consumers bind to those repositories.

This error is similar in nature to

<https://pulp.plan.io/issues/998>

Which was fixed in 2.6.3. I am currently running 2.10.2.

History

#1 - 12/16/2016 06:25 PM - mhrivnak

Upgrading to 2.10.3 or 2.11.0 is likely to help, by getting this fix:

<https://pulp.plan.io/issues/2362>

That doesn't fix the cursor issue necessarily, but a ~12x speedup in calculation should make it less likely that the cursor will timeout due to inactivity.

#2 - 12/16/2016 06:45 PM - cyrus_mc

I will try the upgrade.

To note if I generate the applicability individually it succeeds for each repository.

#3 - 12/20/2016 03:49 PM - mhrivnak

- *Description updated*

#4 - 01/03/2017 04:43 PM - mhrivnak

To clarify: Pulp is making a query and not using results quickly enough. We should make whatever changes are necessary to use the results before the cursor times out.

The change mentioned in comment 1 **does not fix this bug**. It only makes it less likely that this bug will be hit by a user.

#5 - 01/03/2017 05:23 PM - bizhang

- *Severity changed from 2. Medium to 3. High*

#6 - 01/03/2017 05:23 PM - bizhang

- *Triaged changed from No to Yes*

#7 - 04/12/2019 10:18 PM - bmbouter

- *Status changed from NEW to CLOSED - WONTFIX*

Pulp 2 is approaching maintenance mode, and this Pulp 2 ticket is not being actively worked on. As such, it is being closed as WONTFIX. Pulp 2 is still accepting contributions though, so if you want to contribute a fix for this ticket, please reopen or comment on it. If you don't have permissions to reopen this ticket, or you want to discuss an issue, please reach out via the [developer mailing list](#).

#8 - 04/15/2019 10:22 PM - bmbouter

- Tags Pulp 2 added