

Pulp - Issue #8942

race condition when deleting a repository and associated distribution

06/21/2021 06:38 PM - jsherril@redhat.com

Status:	NEW	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	No
Version:		Sprint Candidate:	No
Platform Release:		Tags:	Katello
OS:		Sprint:	Sprint 106
Triaged:	Yes	Quarter:	

Description

In our katello tests, we have some 'cleanup' code that:

list and then deletes a repository with a given name list and then deletes a remote with a given name list and then deletes a distribution with a given name wait on all the tasks generated from above

This has worked for quite a while, but after upgrading from pulp-container 2.3 to 2.6, we started seeing an error (ISE) from the server:

```
LookupError: view not found
```

when trying to list the distributions on the 3rd step.

I'm not sure if the pulp code is running faster, or slower, but it appears that there is a consistent race condition occurring. I can modify the code to poll the tasks after the repo delete, and it seems to work find (so this isn't blocking us)

Here's the full traceback:

Untitled

From WebUI, 1 Second ago, written in Plain Text.

This paste will self destruct in 1 Day.

URL <https://paste.centos.org/view/99464b52>

Embed Show code

Download Paste or View Raw

```
Jun 21 16:14:09 devel2 pulpcore-api: pulp [b51142c5bcd40989a59403cf6e92fd8]: django.request:ERROR: Internal Server Error: /pulp/api/v3/distributions/container/container/
Jun 21 16:14:09 devel2 pulpcore-api: Traceback (most recent call last):
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/django/core/handlers/exception.py", line 34, in inner
Jun 21 16:14:09 devel2 pulpcore-api: response = get_response(request)
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/django/core/handlers/base.py", line 115, in _get_response
Jun 21 16:14:09 devel2 pulpcore-api: response = self.process_exception_by_middleware(e, request)
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/django/core/handlers/base.py", line 113, in _get_response
Jun 21 16:14:09 devel2 pulpcore-api: response = wrapped_callback(request, *callback_args, **callback_kwargs)
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/django/views/decorators/csrf.py", line 54, in wrapped_view
Jun 21 16:14:09 devel2 pulpcore-api: return view_func(*args, **kwargs)
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework/viewsets.py", line 125, in view
Jun 21 16:14:09 devel2 pulpcore-api: return self.dispatch(request, *args, **kwargs)
Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
```

```

/views.py", line 509, in dispatch
    Jun 21 16:14:09 devel2 pulpcore-api: response = self.handle_exception(exc)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/views.py", line 469, in handle_exception
    Jun 21 16:14:09 devel2 pulpcore-api: self.raise_uncaught_exception(exc)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/views.py", line 480, in raise_uncaught_exception
    Jun 21 16:14:09 devel2 pulpcore-api: raise exc
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/views.py", line 506, in dispatch
    Jun 21 16:14:09 devel2 pulpcore-api: response = handler(request, *args, **kwargs)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/mixins.py", line 43, in list
    Jun 21 16:14:09 devel2 pulpcore-api: return self.get_paginated_response(serializer.data)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/serializers.py", line 745, in data
    Jun 21 16:14:09 devel2 pulpcore-api: ret = super().data
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/serializers.py", line 246, in data
    Jun 21 16:14:09 devel2 pulpcore-api: self._data = self.to_representation(self.instance)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/serializers.py", line 664, in to_representation
    Jun 21 16:14:09 devel2 pulpcore-api: self.child.to_representation(item) for item in iterab
le
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/serializers.py", line 664, in <listcomp>
    Jun 21 16:14:09 devel2 pulpcore-api: self.child.to_representation(item) for item in iterab
le
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/serializers.py", line 515, in to_representation
    Jun 21 16:14:09 devel2 pulpcore-api: ret[field.field_name] = field.to_representation(attri
bute)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/rest_framework
/relations.py", line 401, in to_representation
    Jun 21 16:14:09 devel2 pulpcore-api: url = self.get_url(value, self.view_name, request, fo
rmat)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/pulpcore/app/s
erializers/fields.py", line 210, in get_url
    Jun 21 16:14:09 devel2 pulpcore-api: repo_url = rvr_field.get_url(obj.repository, None, re
quest, *args, **kwargs)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/pulpcore/app/s
erializers/fields.py", line 198, in get_url
    Jun 21 16:14:09 devel2 pulpcore-api: return super().get_url(obj, self.view_name, request,
*args, **kwargs) + "versions/"
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/pulpcore/app/s
erializers/base.py", line 236, in get_url
    Jun 21 16:14:09 devel2 pulpcore-api: view_name = self._view_name(obj)
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/pulpcore/app/s
erializers/base.py", line 231, in _view_name
    Jun 21 16:14:09 devel2 pulpcore-api: return get_view_name_for_model(obj, "detail")
    Jun 21 16:14:09 devel2 pulpcore-api: File "/usr/lib/python3.6/site-packages/pulpcore/app/u
til.py", line 78, in get_view_name_for_model
    Jun 21 16:14:09 devel2 pulpcore-api: raise LookupError("view not found")
    Jun 21 16:14:09 devel2 pulpcore-api: LookupError: view not found
    Jun 21 16:14:09 devel2 pulpcore-api: pulp [b51142c5bcd40989a59403cf6e92fd8]: - - [21/Jun
/2021:16:14:09 +0000] "GET /pulp/api/v3/distributions/container/container/?name=Default_Organizati
on-Test-busybox-library HTTP/1.1" 500 27 "-" "OpenAPI-Generator/2.4.0/ruby"

```

History

#1 - 06/22/2021 04:40 PM - dkliban@redhat.com

- Triaged changed from No to Yes

- Sprint set to Sprint 99

#2 - 07/02/2021 09:23 PM - rchan

- Sprint changed from Sprint 99 to Sprint 100

#3 - 07/15/2021 11:08 PM - rchan

- *Sprint changed from Sprint 100 to Sprint 101*

#4 - 08/02/2021 07:43 PM - ipanova@redhat.com

- *Sprint changed from Sprint 101 to Sprint 102*

#5 - 08/12/2021 05:23 PM - rchan

- *Sprint changed from Sprint 102 to Sprint 103*

#6 - 08/27/2021 05:08 PM - rchan

- *Sprint changed from Sprint 103 to Sprint 104*

#7 - 09/10/2021 12:28 AM - rchan

- *Sprint changed from Sprint 104 to Sprint 105*

#8 - 09/23/2021 11:54 PM - rchan

- *Sprint changed from Sprint 105 to Sprint 106*