

## RPM Support - Issue #9363

### cleaning up orphans doesn't work

09/09/2021 10:58 AM - wheezer

<b>Status:</b>	CLOSED - NOTABUG	<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>Sprint/Milestone:</b>			
<b>Severity:</b>	2. Medium	<b>Groomed:</b>	No
<b>Version:</b>		<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>		<b>Tags:</b>	
<b>OS:</b>		<b>Sprint:</b>	
<b>Triaged:</b>	No	<b>Quarter:</b>	

#### Description

Hi,

when deleting an rpm repository I'd expect pulp orphan cleanup to purge all artifacts from that repository unless linked elsewhere. Yet this command does nothing.

Using pulp\_rpm 3.15.0 with pulp\_core 3.15.2.

How to reproduce:

#### 1. start a fresh container

```
mkdir -p "${basedir}"/{settings,pulp_storage,pgsql/data,containers}
cat > "${basedir}/settings/settings.py" <<EOF
CONTENT_ORIGIN='http://$(hostname):8080'
ANSIBLE_API_HOSTNAME='http://$(hostname):8080'
ANSIBLE_CONTENT_HOSTNAME='http://$(hostname):8080/pulp/content'
TOKEN_AUTH_DISABLED=True
EOF
```

```
podman run --detach \
  --publish 8080:80 \
  --name pulp \
  --volume "${basedir}/settings":/etc/pulp:Z \
  --volume "${basedir}/pulp_storage":/var/lib/pulp:Z \
  --volume "${basedir}/pgsql":/var/lib/pgsql:Z \
  --volume "${basedir}/containers":/var/lib/containers:Z \
  --device /dev/fuse \
  pulp/pulp
```

#### 1. create and populate an rpm repository

```
pulp rpm remote create \
  --name remote-testrepo \
  --url https://rspamd.com/rpm-stable/centos-8/x86_64/
pulp rpm repository create \
  --name testrepo \
  --description "a mirrored repository" \
  --remote remote-testrepo \
  --retain-package-versions 1
pulp rpm repository sync --name testrepo
```

#### 1. take a look at what we have

```
pulp artifact list | jq -r '.[].pulp_href'
```

```
# /pulp/api/v3/artifacts/7738e5bb-1069-435c-8b1e-acc4a22f7a4d/
# /pulp/api/v3/artifacts/e750dc8c-af81-4a46-84d8-451650a81396/
# /pulp/api/v3/artifacts/34bfa210-b9e4-4426-af85-911c8491f187/
```

```
pulp content list | jq -r '.[].artifacts|keys[]'
# rspamd-debuginfo-3.0-2.x86_64.rpm
# rspamd-3.0-2.x86_64.rpm
# rspamd-debugsource-3.0-2.x86_64.rpm
```

### 1. destroy everything

```
pulp rpm repository destroy --name testrepo
pulp rpm remote destroy --name remote-testrepo
```

### 1. run the cleanup job

```
pulp orphan cleanup
# {
#   "state": "completed",
#   "name": "pulpcore.app.tasks.orphan.orphan_cleanup",
#   "error": null,
#   "progress_reports": [
#     {
#       "message": "Clean up orphan Content",
#       "code": "clean-up.content",
#       "state": "completed",
#       "total": 0,
#       "done": 0,
#       "suffix": null
#     },
#     {
#       "message": "Clean up orphan Artifacts",
#       "code": "clean-up.content",
#       "state": "completed",
#       "total": 0,
#       "done": 0,
#       "suffix": null
#     }
#   ]
# }
# [...]
pulp debug task-summary
# {
#   "waiting": 0,
#   "skipped": 0,
#   "running": 0,
#   "completed": 6,
#   "failed": 0,
#   "canceled": 0,
#   "canceling": 0
# }
```

### 1. still see the content

```
pulp artifact list | jq -r '.[].pulp_href'
# /pulp/api/v3/artifacts/7738e5bb-1069-435c-8b1e-acc4a22f7a4d/
# /pulp/api/v3/artifacts/e750dc8c-af81-4a46-84d8-451650a81396/
# /pulp/api/v3/artifacts/34bfa210-b9e4-4426-af85-911c8491f187/
```

```
pulp content list | jq -r '.[].artifacts|keys[]'
# rspamd-debuginfo-3.0-2.x86_64.rpm
# rspamd-3.0-2.x86_64.rpm
# rspamd-debugsource-3.0-2.x86_64.rpm
```

---

## History

#1 - 09/09/2021 05:20 PM - ipanova@redhat.com

please look into this new setting

[https://docs.pulpproject.org/pulpcore/configuration/settings.html?highlight=orphan\\_protection\\_time#orphan-protection-time](https://docs.pulpproject.org/pulpcore/configuration/settings.html?highlight=orphan_protection_time#orphan-protection-time) It keeps orphans by default

for 24 hours. You can change that.

To give more background - this setting has been introduced to enable orphan clean up tasks to run in parallel with other tasks that might be using those content units, rather than blocking the entire system.

**#2 - 09/10/2021 09:36 AM - wheezer**

Thanks, that was the cause. My bad. Sorry. Can I close this issue somehow?

**#3 - 09/11/2021 05:46 AM - dalley**

- *Status changed from NEW to CLOSED - NOTABUG*

No worries, it was an understandable confusion (and it is a change from the behavior of previous versions)