

Pulp - Story #235

[RFE] update pulp_worker-*.service configuration so that starting ensures all resources are initialized

02/19/2015 02:13 AM - mkovacik@redhat.com

Status: CLOSED - WONTFIX	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category:	Estimated time: 0:00 hour
Sprint/Milestone:	
Platform Release:	Tags: Pulp 2
Groomed: No	Sprint:
Sprint Candidate: No	Quarter:

Description

++ This bug was initially created as a clone of [Bugzilla Bug #1104320](#) ++

Description of problem:

Created attachment 901871
Screen log of immediate repo sync call

Description of problem:
Currently, pulp allows requests even though the pulp_worker-*.services are not fully operational.
A related scenario is a repo sync request right after a pulp_worker restart, where pulp_database.available queues entries get lost from mongo and stale reservation appears in the pulp_database.reserved_resources collection.

Version-Release number of selected component (if applicable):
- Fedora 20 (systemd)
- pulp-server-2.4.0-0.19.beta.fc20.noarch

How reproducible:
~100% (on my system)

Steps to Reproduce:

1. create a rpm repo (via pulp-admin)
pulp-admin -u admin -p admin rpm repo create --repo-id zoo --feed \
http://repos.fedorapeople.org/repos/pulp/pulp/demo_repos/zoo/
2. systemctl restart pulp_worker-{0..8}.service ; \
pulp-admin -u admin -p admin rpm repo sync run --repo-id zoo

Actual results:

- a task queue lost even though the both the pulp_worker processes are up and running
- stale resource reservation item

```
[root@ec2-79-125-97-56 ~]# fg
mongo
> db.available_queues.find()
{ "_id" : "reserved_resource_worker-0@ec2-79-125-97-56.eu-west-1.compute.amazonaws.com", "last_heartbeat" : ISODate("2014-06-03T17:07:26.060Z"), "num_reservations" : 0 }
> db.reserved_resources.find()
{ "_id" : "repository:zoo", "assigned_queue" : null, "num_reservations" : 1 }
> db.task_status.find()
> db.available_queues.find()
{ "_id" : "reserved_resource_worker-0@ec2-79-125-97-56.eu-west-1.compute.amazonaws.com", "last_heartbeat" : ISODate("2014-06-03T17:08:08.281Z"), "num_reservations" : 0 }
>
```

Expected results:
503 Service Unavailable Response until the pulp_worker-*.service prepare all necessary resources

i.e. Pulp server (wsgi) doesn't allow requests while pulp_worker-*.service aren't fully operational

Additional info:

--- Additional comment from mkovacik@redhat.com at 06/03/2014 18:31:42 ---

Created attachment 901873
journalctl screen log of the scenario

--- Additional comment from mkovacik@redhat.com at 06/04/2014 12:02:04 ---

Created attachment 902159
reproducer bash script

History

#1 - 04/12/2019 07:47 PM - bmbouter

- Status changed from NEW to CLOSED - WONTFIX

#2 - 04/12/2019 07:53 PM - bmbouter

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](#).

#3 - 04/15/2019 11:18 PM - bmbouter

- Tags Pulp 2 added

Files

1019697f889c882c305295c87f8648e2	171 KB	02/19/2015	mkovacik@redhat.com
d771922ffc818506c71edb9affb9983	1.46 KB	02/19/2015	mkovacik@redhat.com