

## Pulp - Issue #3882

**pulp\_resource\_manager is unable to start in pulp 2.16.4 beta due to celery issue 3620.**

07/25/2018 04:14 PM - dustinmcnabb

<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>Sprint/Milestone:</b>			
<b>Severity:</b>	2. Medium	<b>Groomed:</b>	No
<b>Version:</b>		<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>	2.16.4	<b>Tags:</b>	Pulp 2
<b>OS:</b>	RHEL 7	<b>Sprint:</b>	Sprint 40
<b>Triaged:</b>	Yes	<b>Quarter:</b>	

### Description

Pulp 2.16.4 has this issue <https://github.com/celery/celery/issues/3620>. It was fixed in celery 4.1. You need multiple tasks in the queue upon initial startup to reproduce this issue. You can also see more discussion about this issue here: <https://github.com/celery/celery/pull/3752> and here <https://github.com/celery/celery/issues/4109#issuecomment-314367686>. I implemented this fix in my lab environment and it resolved my issue.

#### 1. Problem with pulp\_resource\_manager service

```
Jul 25 06:10:03 pulp-lab pulp[17698]: celery.worker:CRITICAL: (17698-58784) File
"/usr/lib64/python2.7/site-packages/billiard/pool.py", line 1486, in apply_async
Jul 25 06:10:03 pulp-lab pulp[17698]: celery.worker:CRITICAL: (17698-58784) self._quick_put((TASK, (result._job, None, func,
args, kwds)))
Jul 25 06:10:03 pulp-lab pulp[17698]: celery.worker:CRITICAL: (17698-58784) TypeError: 'NoneType' object is not callable
```

#### 1. Here is the fix that was ultimately implemented which moves the consumption step below the object registration in worker/loops.py.

```
- consumer.consume()
- obj.on_ready()
obj.controller.register_with_event_loop(hub)
obj.register_with_event_loop(hub)
+ consumer.consume()
+ obj.on_ready()
```

### Associated revisions

#### Revision c79fe114 - 07/25/2018 10:21 PM - dalley

Add patch for celery worker crashing issue

closes #3882 <https://pulp.plan.io/issues/3882>

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Add patch for celery worker crashing issue

closes #3882 <https://pulp.plan.io/issues/3882>

### History

#### #1 - 07/25/2018 04:54 PM - mihai.ibanescu@gmail.com

I have also observed this while testing the debian changes.

pulp-admin tasks list shows nothing, yet the resource manager fails to start.

#### #2 - 07/25/2018 05:40 PM - daviddavis

- Triaged changed from No to Yes

- Sprint set to Sprint 40

**#3 - 07/25/2018 07:30 PM - daviddavis**

- Platform Release set to 2.16.4

**#4 - 07/26/2018 03:15 AM - dalley**

- Status changed from NEW to MODIFIED

- Assignee set to dalley

Updated packages should be released soon.

PR: <https://github.com/pulp/pulp-packaging/pull/50>

**#5 - 08/01/2018 08:07 PM - daviddavis**

- Status changed from MODIFIED to 5

**#6 - 08/03/2018 07:46 PM - daviddavis**

- Status changed from 5 to CLOSED - CURRENTRELEASE

**#7 - 04/15/2019 10:09 PM - bmbouter**

- Tags Pulp 2 added