

Pulp - Issue #504

Fix result.get() call per celery deprecation warning

02/28/2015 11:17 PM - cwelton@redhat.com

Status: CLOSED - CURRENTRELEASE	Start date:
Priority: Normal	Due date:
Assignee:	Estimated time: 0:00 hour
Category:	
Sprint/Milestone:	
Severity: 1. Low	Groomed: No
Version:	Sprint Candidate: No
Platform Release: 2.6.0	Tags: Pulp 2
OS:	Sprint:
Triaged: Yes	Quarter:
Description	
Description of problem:	
Upon initializing pulp/celery/whatever, a strongly-worded deprecation error is thrown. Assuming pulp will eventually move to the next version of celery this needs to be fixed.	
Version-Release number of selected component (if applicable):	
pulp-katello-0.3-3.el7sat.noarch pulp-nodes-child-2.4.0-0.30.beta.el7sat.noarch pulp-nodes-common-2.4.0-0.30.beta.el7sat.noarch pulp-nodes-parent-2.4.0-0.30.beta.el7sat.noarch pulp-puppet-plugins-2.4.0-0.30.beta.el7sat.noarch pulp-rpm-handlers-2.4.0-0.30.beta.el7sat.noarch pulp-rpm-plugins-2.4.0-0.30.beta.el7sat.noarch pulp-selinux-2.4.0-0.30.beta.el7sat.noarch pulp-server-2.4.0-0.30.beta.el7sat.noarch python-isodate-0.5.0-1.pulp.el7sat.noarch python-kombu-3.0.15-12.pulp.el7sat.noarch python-pulp-agent-lib-2.4.0-0.30.beta.el7sat.noarch python-pulp-bindings-2.4.0-0.30.beta.el7sat.noarch python-pulp-common-2.4.0-0.30.beta.el7sat.noarch python-pulp-puppet-common-2.4.0-0.30.beta.el7sat.noarch python-pulp-rpm-common-2.4.0-0.30.beta.el7sat.noarch rubygem-smart_proxy_pulp-1.0.1-1.1.el7sat.noarch	
How reproducible:	
Steps to Reproduce:	
1. Install satellite capsule and kick it off. 2. View logs	
Actual results:	
Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: /usr/lib/python2.7/site-packages/celery/result.py:45: RuntimeWarning: Never call result.get() within a task! Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: See http://docs.celeryq.org/en/latest/userguide/tasks.html#task-synchronous-subtasks Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: In Celery 3.2 this will result in an exception being Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: raised instead of just being a warning. Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING: warnings.warn(RuntimeWarning(E_WOULDBLOCK)) Aug 27 17:13:57 ibm-x3550m3-13 pulp: py.warnings:WARNING:	
Expected results:	

Additional info:

+ This bug was cloned from [Bugzilla Bug #1134502](#) +

History

#1 - 02/28/2015 11:17 PM - bmbouter

Thanks for reporting this. There are some changes around the queue workflow planned for a future major release that will remove the code causing the warning. Fixing that is the most effective way to resolve this bug.

The next planned minor release is 2.5.0, so I'm setting it to 2.5.0 and ON_QA. QA should verify that these warning now longer show with the new functionality.

As a note for our developers, the feature referred to above is called the "black friday sale" queueing model also known as the "pre-queue" model. This design change will cause the resource manager to dispatch the celery tasks itself, which stops the need to synchronously request a task while running an existing task, which is the situation that causes this warning.

+ This comment was cloned from [Bugzilla #1134502 comment 1](#) +

#2 - 02/28/2015 11:17 PM - cduryee

build: 2.5.0-0.6.beta

+ This comment was cloned from [Bugzilla #1134502 comment 2](#) +

#3 - 02/28/2015 11:17 PM - pthomas@redhat.com

failing-qa
still seeing these warnings

```
[root@cloud-qe-15 ~]# rpm -qa pulp-server  
pulp-server-2.5.0-0.7.beta.el7.noarch
```

```
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
/usr/lib/python2.7/site-packages/celery/apps/worker.py:161: CDeprecationWarning:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: Starting from version 3.2 Celery will refuse to  
accept pickle by default.  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: The pickle serializer is a security concern as it may  
give attackers  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: the ability to execute any command. It's important  
to secure  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: your broker from unauthorized access when using  
pickle, so we think  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: that enabling pickle should require a deliberate  
action and not be  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: the default choice.  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: If you depend on pickle then you should set a  
setting to disable this  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: warning and to be sure that everything will continue  
working  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: when you upgrade to Celery 3.2::  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: CELERY_ACCEPT_CONTENT = ['pickle', 'json',  
'msgpack', 'yaml']  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: You must only enable the serializers that you will  
actually use.  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:  
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:
```

Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING: warnings.warn(CDeprecationWarning(W_PICKLE_DEPRECATED))
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com pulp[28633]: py.warnings:WARNING:
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com celery[28633]: -----
resource_manager@cloud-qe-15.idmqe.lab.eng.bos.redhat.com v3.1.11 (Cipater)
Oct 09 10:54:43 cloud-qe-15.idmqe.lab.eng.bos.redhat.com celery[28633]: ---- ** ----

+ This comment was cloned from [Bugzilla #1134502 comment 3](#) +

#4 - 02/28/2015 11:17 PM - rbarlow

Hi Preethi,

The warning you noted is a different warning than this BZ is about. I think we can file that separately, but as for this BZ it should be OK to mark it VERIFIED. What do you think?

+ This comment was cloned from [Bugzilla #1134502 comment 4](#) +

#5 - 02/28/2015 11:17 PM - pthomas@redhat.com

Sure that will work.

Moving to verified

+ This comment was cloned from [Bugzilla #1134502 comment 5](#) +

#6 - 02/28/2015 11:17 PM - bmbouter

Regarding the actual warning of interest "Never call result.get() within a task!", that was fixed along with this BZ [0] which was not fixed until 2.5.1. I'm moving the target release to 2.5.1 to align with the bugfix of the issue.

[0]: https://bugzilla.redhat.com/show_bug.cgi?id=1124570

+ This comment was cloned from [Bugzilla #1134502 comment 6](#) +

#7 - 02/28/2015 11:17 PM - cduryee

fixed in pulp 2.6.0-0.2.beta

+ This comment was cloned from [Bugzilla #1134502 comment 7](#) +

#8 - 02/28/2015 11:17 PM - pthomas@redhat.com

verified

```
[root@cloud-qe-4 ~]# rpm -qa pulp-server  
pulp-server-2.6.0-0.5.beta.el7.noarch  
[root@cloud-qe-4 ~]#
```

No warnings

+ This comment was cloned from [Bugzilla #1134502 comment 8](#) +

#10 - 04/23/2015 06:25 PM - rbarlow

- Status changed from 6 to CLOSED - CURRENTRELEASE

#11 - 04/12/2016 09:41 PM - bmbouter

- Severity set to 1. Low

#13 - 04/15/2019 11:10 PM - bmbouter

- Tags Pulp 2 added