

## Pulp - Issue #533

### TaskStatus.queue attribute should be renamed to TaskStatus.worker\_name

02/28/2015 11:20 PM - bmbouter

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	bmbouter	<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>	Master	<b>Sprint Candidate:</b>	No
<b>Platform Release:</b>	2.6.0	<b>Tags:</b>	Pulp 2
<b>OS:</b>		<b>Sprint:</b>	
<b>Triaged:</b>	Yes	<b>Quarter:</b>	

**Description**

Recently, the dispatch style of apply\_async was changed to use routing\_key instead of queue for tasks that require reservation and are sent to a specific worker. We use that field for cancellation purposes in case all tasks sent to a given worker need to be cancelled.

The routing\_key we use is the name of the worker, so we no longer need to track the queue, but we do need to track the worker's name. The cancel should be updated to find TaskStatus documents to cancel by worker name.

+ This bug was cloned from [Bugzilla Bug #1144501](#) +

#### History

##### #1 - 02/28/2015 11:20 PM - bmbouter

PR available at: <https://github.com/pulp/pulp/pull/1172>

+ This comment was cloned from [Bugzilla #1144501 comment 1](#) +

##### #2 - 02/28/2015 11:20 PM - bmbouter

This was the actual pull request: <https://github.com/pulp/pulp/pull/1177>

+ This comment was cloned from [Bugzilla #1144501 comment 2](#) +

##### #3 - 02/28/2015 11:20 PM - bmbouter

merged to 2.5-dev -> master

+ This comment was cloned from [Bugzilla #1144501 comment 3](#) +

##### #4 - 02/28/2015 11:20 PM - rbarlow

I wonder if we should make queue be the real queue name, and not simply a copy of worker\_name. What do you think?

+ This comment was cloned from [Bugzilla #1144501 comment 4](#) +

##### #5 - 02/28/2015 11:20 PM - bmbouter

I agree it should be correct. Here is a fix, and it comes with tests!

<https://github.com/pulp/pulp/pull/1178>

Since it's not related to this BZ, I'm going to leave this one at BZ.

+ This comment was cloned from [Bugzilla #1144501 comment 5](#) +

##### #6 - 02/28/2015 11:20 PM - cduryee

Does this BZ require a migration?

I get this error after upgrading from 2.5.0 to 2.6.0 alpha:

```
pulp: celery.worker.strategy:INFO: Received task: pulp.server.async.tasks._queue_reserved_task[3b65119e-5f49-449a-b67a-5f5dec5d50eb]
beavqe-net0 pulp: celery.worker.job:ERROR: (5357-96480) Task
pulp.server.async.tasks._queue_reserved_task[3b65119e-5f49-449a-b67a-5f5dec5d50eb] raised unexpected: KeyError('worker_name',)
pulp: celery.worker.job:ERROR: (5357-96480) Traceback (most recent call last):
pulp: celery.worker.job:ERROR: (5357-96480) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 240, in trace_task
pulp: celery.worker.job:ERROR: (5357-96480) R = retval = fun(*args, **kwargs)
pulp: celery.worker.job:ERROR: (5357-96480) File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 437, in protected_call
pulp: celery.worker.job:ERROR: (5357-96480) return self.run(*args, **kwargs)
pulp: celery.worker.job:ERROR: (5357-96480) File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 64, in _queue_reserved_task
pulp: celery.worker.job:ERROR: (5357-96480) worker = resources.get_unreserved_worker()
pulp: celery.worker.job:ERROR: (5357-96480) File "/usr/lib/python2.7/site-packages/pulp/server/managers/resources.py", line 62, in
get_unreserved_worker
pulp: celery.worker.job:ERROR: (5357-96480) reserved_names = [r['worker_name'] for r in resources.ReservedResource.get_collection().find()]
pulp: celery.worker.job:ERROR: (5357-96480) KeyError: 'worker_name'
```

+ This comment was cloned from [Bugzilla #1144501 comment 6](#) +

#### #7 - 02/28/2015 11:20 PM - bmbouter

I looked more into this; yes we need a migration, but for a different BZ.

It's not related to this BZ (even though it has the same name). It's related to this change [0] which also happened in 2.6.0. I didn't consider the order that the user starts their services, but I think a migration would be safer. I've made a new BZ [1] to add a migration to resolve this issue.

[0]: <https://github.com/pulp/pulp/pull/1158/files?diff=unified#diff-5d58b00ed0c231fdf673ede3a6680640R88>

[1]: [https://bugzilla.redhat.com/show\\_bug.cgi?id=1167908](https://bugzilla.redhat.com/show_bug.cgi?id=1167908)

+ This comment was cloned from [Bugzilla #1144501 comment 7](#) +

#### #8 - 02/28/2015 11:20 PM - cduryee

fixed in pulp 2.6.0-0.2.beta

+ This comment was cloned from [Bugzilla #1144501 comment 8](#) +

#### #9 - 02/28/2015 11:20 PM - pthomas@redhat.com

verified

```
pic.GET ('/v2/tasks/80d2d7f9-58d5-4a16-b812-6d6f17eafc06/')
```

Response Body

```
{
  "exception": null,
  "task_type": "pulp.server.tasks.repository.sync_with_auto_publish",
  "_href": "/pulp/api/v2/tasks/80d2d7f9-58d5-4a16-b812-6d6f17eafc06/",
  "task_id": "80d2d7f9-58d5-4a16-b812-6d6f17eafc06",
  "tags": [
    "pulp:repository:rhel7",
    "pulp:action:sync"
  ],
  "finish_time": null,
  "_ns": "task_status",
  "start_time": "2015-02-03T18:14:33Z",
  "traceback": null,
  "spawned_tasks": [],
  "progress_report": {
    "yum_importer": {
      "content": {
        "size_total": 0,
        "items_left": 0,
        "items_total": 0,
        "state": "IN_PROGRESS",
        "size_left": 0,
        "details": {
          "rpm_total": 0,
          "rpm_done": 0,
          "drpm_total": 0,
          "drpm_done": 0
        }
      }
    }
  }
}
```

```
"error_details": []
},
"comps": {
"state": "NOT_STARTED"
},
"distribution": {
"items_total": 0,
"state": "NOT_STARTED",
"error_details": [],
"items_left": 0
},
"errata": {
"state": "NOT_STARTED"
},
"metadata": {
"state": "FINISHED"
}
},
"queue": "reserved\_resource\_worker-1@cloud-qe-4.idmqe.lab.eng.bos.redhat.com.dq",
"state": "running",
"worker_name": "reserved\_resource\_worker-1@cloud-qe-4.idmqe.lab.eng.bos.redhat.com",
"result": null,
"error": null,
"_id": {
"$oid": "54d11009c9db986e252fb3b3"
},
"id": "54d110099f9b813d80e2342d"
}
(200, {'exception': None, 'task_type': 'pulp.server.tasks.repository.sync_with_auto_publish', 'href':
u'/pulp/api/v2/tasks/80d2d7f9-58d5-4a16-b812-6d6f17eafc06/', 'task_id': '80d2d7f9-58d5-4a16-b812-6d6f17eafc06', 'tags':
[u'pulp:repository:rhel7', u'pulp:action:sync'], 'finish_time': None, 'ns': 'task_status', 'start_time': '2015-02-03T18:14:33Z', 'traceback': None,
'spawned_tasks': [], 'progress_report': {'yum_importer': {'content': {'size_total': 0, 'items_left': 0, 'items_total': 0, 'state': 'IN_PROGRESS'},
'size_left': 0, 'details': {'rpm_total': 0, 'rpm_done': 0, 'drpm_total': 0, 'drpm_done': 0}, 'error_details': []}, 'comps': {'state': 'NOT_STARTED'},
'distribution': {'items_total': 0, 'state': 'NOT_STARTED', 'error_details': [], 'items_left': 0}, 'errata': {'state': 'NOT_STARTED'}, 'metadata':
{'state': 'FINISHED'}}}, 'queue': 'reserved\_resource\_worker-1@cloud-qe-4.idmqe.lab.eng.bos.redhat.com.dq', 'state': 'running', 'worker_name':
'reserved\_resource\_worker-1@cloud-qe-4.idmqe.lab.eng.bos.redhat.com', 'result': None, 'error': None, '_id': {'oid':
u'54d11009c9db986e252fb3b3'}, 'id': '54d110099f9b813d80e2342d'})
```

+ This comment was cloned from [Bugzilla #1144501 comment 9](#) +

**#10 - 03/20/2015 08:15 PM - bmbouter**

- Severity changed from Medium to 2. Medium

**#11 - 04/23/2015 06:25 PM - rbarlow**

- Status changed from 6 to CLOSED - CURRENTRELEASE

**#13 - 04/15/2019 11:09 PM - bmbouter**

- Tags Pulp 2 added