

## Pulp - Task #157

### Update the failure and recovery scenarios in our user docs.

02/11/2015 07:59 PM - bmbouter

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	ipanova@redhat.com	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>		<b>Tags:</b>	Documentation, Pulp 2
<b>Platform Release:</b>		<b>Sprint:</b>	March 2015
<b>Groomed:</b>	Yes	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	Yes		

**Description**

The user docs have a section on failure and recovery that is [somewhat vague](#). Recently some new notes were written (below). These new notes should be added into this section or incorporated somehow.

===== NOTES =====

For a recap of the Pulp components read here [0].

If a pulp\_worker dies, the task currently being worked on, and possibly a small number of related tasks, will not be processed. They will be marked cancelled after 5 minutes, or whenever the worker re-starts, whichever comes first. Until the tasks are marked as cancelled, they will show the task state when the failure occurred. Cancellation after 5 minutes is dependent on pulp\_celerybeat running.

If pulp\_celerybeat dies, if new workers then start, they won't be given work. If existing workers stop, Pulp will continue assigning them work. Once restarted, pulp\_celerybeat will synchronize with the current state of all workers. Scheduled tasks will not run while pulp\_celerybeat is down, but they will instead run when celerybeat is restarted.

If pulp\_resource\_manager dies, the Pulp tasking system will halt. Once restarted it will resume.

If the webserver dies the API will become unavailable until it is restored.

==Important new Related Features==

- In Pulp 2.6.0, the /status/ url will show the health of all Pulp components. Read more about it here [1], which includes sample response output.

[0]: <http://pulp.readthedocs.org/en/latest/user-guide/server.html#components>  
[1]: <http://pulp.readthedocs.org/en/latest/dev-guide/integration/rest-api/status.html>

===== END NOTES =====

### History

**#1 - 03/04/2015 07:53 PM - bmbouter**

- Tags Sprint Candidate added

**#2 - 03/04/2015 08:16 PM - cduryee**

Can a section also be added for how to recover from running out of disk space? This comes up from time to time.

**#3 - 03/16/2015 05:10 PM - bmbouter**

- Tags Groomed added

**#4 - 03/19/2015 09:53 PM - bmbouter**

- Category deleted (1)

- *Tags Documentation added*

Documentation is now a Tag not a Category.

**#5 - 03/24/2015 12:17 PM - ipanova@redhat.com**

- *Status changed from NEW to ASSIGNED*

- *Assignee set to ipanova@redhat.com*

**#6 - 03/24/2015 03:45 PM - ipanova@redhat.com**

- *Status changed from ASSIGNED to POST*

<https://github.com/pulp/pulp/pull/1741>

**#7 - 03/24/2015 05:48 PM - ipanova@redhat.com**

- *Status changed from POST to MODIFIED*

**#8 - 03/24/2015 05:48 PM - ipanova@redhat.com**

- *% Done changed from 0 to 100*

**#9 - 03/24/2015 05:57 PM - ipanova@redhat.com**

- *Status changed from MODIFIED to CLOSED - CURRENTRELEASE*

- *Sprint/Milestone set to 14*

**#10 - 05/04/2015 09:44 PM - bmbouter**

- *Groomed set to Yes*

- *Sprint Candidate set to No*

- *Tags deleted (Groomed)*

**#11 - 05/04/2015 09:53 PM - bmbouter**

- *Sprint Candidate changed from No to Yes*

- *Tags deleted (Sprint Candidate)*

**#13 - 03/08/2018 07:13 PM - bmbouter**

- *Sprint set to March 2015*

**#14 - 03/08/2018 07:13 PM - bmbouter**

- *Sprint/Milestone deleted (14)*

**#15 - 04/15/2019 11:20 PM - bmbouter**

- *Tags Pulp 2 added*