Pulp - Task #1370

Test Pulp with RabbitMQ

11/12/2015 05:56 PM - rbarlow

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

Pulp does support RabbitMQ, but we historically have not QE'd Pulp with RabbitMQ and our documentation guides users towards using qpidd. Celery recommends that their users use RabbitMQ, and most upstream Celery deployments use it. Due to this, I think we can have high confidence that Pulp will work well with RabbitMQ though it is untested.

This task is primarily to ensure that Pulp gets tested with RabbitMQ, with a few potential secondary objectives:

- Develop a plan to automatically QE Pulp with RabbitMQ (in addition to qpidd)
- Rework our documentation to treat RabbitMQ equitably with qpidd, but leave qpidd as the default in server.conf
- Give users a nice table to compare RabbitMQ fairly against qpidd with all the relevant pros and cons:
  - qpidd has historically been much more widely used with Pulp, in development, upstream, and downstream (can we mention downstream in the docs?)
  - RabbitMQ is widely used with Celery
  - RabbitMQ also supports vhosts, which is an easier way to separate workers from consumers
- Look into run pulp-smash against Fedora's updates-testing repos as well, to catch broker issues before they are released so that we can report karma when necessary
- If all goes well, consider recommending the use of RabbitMQ to the Fedora Project infrastructure.

History

#1 - 11/12/2015 06:08 PM - bmbouter

It's anecdotal but I've been told by two separate users that they use Pulp with RabbitMQ and it works for them. Testing against the automation suite would be a good way to test compatibility in an ongoing basis without much human effort. A Jenkins job could be created to do this.

+1 to making the docs more even regarding broker choice.

We should talk more about the default switching. Generally I don't want to switch our default, but it's more than I want to write out here at the moment.

#2 - 11/12/2015 07:16 PM - rbarlow

- Blocks Task #1368: Include Pulp in the Fedora Project added

#3 - 11/12/2015 08:52 PM - rbarlow

- Description updated

- Sprint Candidate changed from No to Yes

#4 - 01/29/2016 11:37 PM - rbarlow

- Blocks deleted (Task #1368: Include Pulp in the Fedora Project)

#5 - 05/04/2016 03:21 PM - mhrivnak

- Sprint Candidate changed from Yes to No

#6 - 04/12/2019 09:23 PM - bmbouter

- Status changed from NEW to CLOSED - WONTFIX

#7 - 04/12/2019 09:30 PM - bmbouter

#8 - 04/15/2019 10:41 PM - bmbouter

- Tags Pulp 2 added