

Pulp - Task #2479

Update systemd tasking service files to use new Pulp 3 locations

12/08/2016 07:29 PM - semyers

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	High	Due date:	
Assignee:	fdobrovo	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:	3.0.0	Tags:	
Platform Release:		Sprint:	Sprint 18
Groomed:	Yes	Quarter:	
Sprint Candidate:	Yes		
Description			
<p>Now that the tasking system is up and running, we'd like to get those services working automatically via systemd. In order to do that, we should take the existing systemd unit files and update them to use the new paths.</p> <p>Here are the unit files related to the tasking system in pulp 2: https://github.com/pulp/pulp/tree/3.0-dev/server/usr/lib/systemd/system</p> <p>The reserved resource worker service files are created by the manage_workers script: https://github.com/pulp/pulp/tree/3.0-dev/server/pulp/server/async/manage_workers.py</p> <p>Here are the current updated app invocations in Pulp 3, which hopefully won't change before we start this task:</p> <pre># celery beat /usr/bin/celery beat -A pulp.tasking.celery_instance.celery -S pulp.tasking.services.scheduler.Scheduler # resource manager worker /usr/bin/celery worker -A pulp.tasking.celery_app -n resource_manager@<i> -Q resource_manager -c 1 --events --umask 18 --pidfile=/var/run/pulp/resource_manager.pid --heartbeat-interval=30 # reserved resource workers /usr/bin/celery worker -n reserved_resource_worker-<i>@<hostname> -A pulp.tasking.celery_app:celery -c 1 --events --umask 18 --pidfile /var/run/pulp/reserved_resource_worker-<i>.pid --heartbeat-interval=30</pre> <p>Systemd provides an "instancing" mechanism that we could potentially use for the reserved resource workers, if we'd like get away from using the "manage_workers" script, documented here: https://www.freedesktop.org/software/systemd/man/systemd.unit.html (look for getty.service@ and the meaning of the %i expansion in unit files)</p> <p>Once these unit files are in place, the ansible dev playbook will need to be updated to install these unit files and start/stop these services using the aliases defined in its .bashrc file.</p>			
Related issues:			
Blocked by Pulp - Task #2413: Fix dev environment setup for Pulp 3.0		CLOSED - CURRENTRELEASE	

Associated revisions

Revision 24714937 - 04/12/2017 09:34 PM - fdobrovo

Update systemd tasking service files

closes #2479 <https://pulp.plan.io/issues/2479>

Revision 24714937 - 04/12/2017 09:34 PM - fdobrovo

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closes #2479 <https://pulp.plan.io/issues/2479>

Revision 1f981a75 - 04/13/2017 05:32 PM - fdobrovo

Ansible deploy pulp3 systemd services

re #2479 <https://pulp.plan.io/issues/2479>

History

#1 - 12/08/2016 09:53 PM - semyers

- Description updated

Some of the work has already been done on 3.0-dev, so I think this task is mainly about getting the service files into the right place and making the dev playbook use them correctly.

#2 - 12/08/2016 10:03 PM - dkliban@redhat.com

- Groomed changed from No to Yes

- Sprint Candidate changed from No to Yes

#3 - 12/08/2016 10:06 PM - semyers

- Blocked by Task #2413: Fix dev environment setup for Pulp 3.0 added

#4 - 04/06/2017 04:52 PM - mhrivnak

- Priority changed from Normal to High

#5 - 04/06/2017 04:53 PM - mhrivnak

- Sprint/Milestone set to 37

#6 - 04/06/2017 07:26 PM - fdobrovo

- Status changed from NEW to ASSIGNED

- Assignee set to fdobrovo

#7 - 04/06/2017 07:30 PM - dalley

I just want to note that the app invocations have, indeed, changed. Make sure to use the form of the ones in the current tree instead of the ones described in this issue. I believe the only difference is that the heartbeat interval is no longer specified.

re: "Here are the current updated app invocations in Pulp 3, which hopefully won't change before we start this task:"

#8 - 04/06/2017 10:12 PM - bmbouter

I believe the --heartbeat-interval options should all be removed

#9 - 04/07/2017 12:15 AM - fdobrovo

Yeah I think I have seen it removed from the current systemd files. Also one thing that came into my mind and I don't know how to solve it. It would be nice to specify requirements, such as when starting the worker ensure that the broker is started or resource manager is running. But I'm thinking in our dev environment we may want to not run such things.

#10 - 04/07/2017 12:45 AM - bmbouter

We can't add those unit file dependencies because any installation could be a clustered installation and we wouldn't want a broker started on each machine for example.

#11 - 04/12/2017 04:51 PM - fdobrovo

<https://github.com/pulp/pulp/pull/2994>

#12 - 04/12/2017 04:59 PM - bmbouter

With a PR available this should be at POST unless there are other PRs that still need to be made.

#13 - 04/12/2017 05:19 PM - fdobrovo

It's waiting for pulp/devel PR.

#14 - 04/12/2017 06:58 PM - fdobrovo

- Status changed from ASSIGNED to POST

<https://github.com/pulp/devel/pull/45>

#15 - 04/12/2017 09:37 PM - fdobrovo

As dalley pointed out pulp-dev.py already installs the systemd files is it used during vagrant up?

#16 - 04/14/2017 12:32 AM - fdobrovo

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [pulp|247149375e280ad68c879deebf3a49fd51da7c46](https://github.com/pulp/devel/pull/247149375e280ad68c879deebf3a49fd51da7c46).

#17 - 03/09/2018 12:09 AM - bmbouter

- Sprint set to Sprint 18

#18 - 03/09/2018 12:12 AM - bmbouter

- Sprint/Milestone deleted (37)

#19 - 04/25/2019 06:46 PM - daviddavis

- Sprint/Milestone set to 3.0.0

#20 - 04/26/2019 10:38 PM - bmbouter

- Tags deleted (Pulp 3)

#21 - 12/13/2019 06:16 PM - bmbouter

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE