

RPM Support - Story #106

As a user, I can provide dedicated temporary storage for pulp_rpm tasks

01/12/2015 06:52 PM - dkliban@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	dkliban@redhat.com	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	Pulp 2
Platform Release:	2.7.0	Sprint:	
Groomed:	No	Quarter:	
Sprint Candidate:	No		

Description

The platform should be able to provide a temporary directory, for similar use as the current plugin-specific working directories, in which any task can write and read transient files. The goal is that this can be host-specific, yielding much greater IO performance than a shared filesystem.

Consider naming the temporary directory with the ID of the current running task. That would make cleanup convenient, even if the standard graceful cleanup at the end of a task fails for some reason.

The path to this storage should probably be specified in our config file.

The setting for a working directory should be global (/etc/pulp/server.conf)

This story is for the updates needed to support this in the platform and ensuring that the pulp_rpm tasks are using it.

History

#1 - 01/12/2015 07:55 PM - rbarlow

- Project changed from Pulp to RPM Support

#2 - 02/16/2015 11:22 PM - dkliban@redhat.com

- Status changed from ASSIGNED to MODIFIED

- % Done changed from 80 to 100

#3 - 04/17/2015 10:24 PM - dkliban@redhat.com

- Platform Release set to 2.7.0

#4 - 06/15/2015 10:41 PM - dkliban@redhat.com

- Status changed from MODIFIED to 5

#5 - 07/20/2015 07:16 PM - dkliban@redhat.com

- Groomed set to No

- Sprint Candidate set to No

This story has a few steps that need to be taken to verify.

1. Stop pulp_workers and pulp_resource_manager
2. run

```
ls -la /var/cache/pulp/
```

and confirm that this directory is empty.

3. Start pulp_workers and pulp_resource_manager. Run the above command again and confirm that a directory has been created for each worker and resource manager.

4. Then stop pulp_workers again.

5. Start only one worker by running

```
sudo systemctl start pulp_worker-0
```

6. run ls command for that worker's working directory. You will need to substitute proper directory name as it appears on your machine.

```
ls -la /var/cache/pulp/reserved_resource_worker-0@dev/
```

This directory should be empty.

7. In a screen session or some other terminal you can run the following watch command to monitor the changes in the workers working directory

```
watch -d ls -la /var/cache/pulp/reserved_resource_worker-0@dev/
```

8. Start a sync of a repository and watch the output of the command from step above. A directory should be created and then removed when the sync finishes.

#6 - 07/21/2015 07:07 PM - pthomas@redhat.com

- Status changed from 5 to 6

verified

followed the verification steps from above

#7 - 02/08/2016 07:56 PM - rbarlow

- Status changed from 6 to CLOSED - CURRENTRELEASE

#9 - 04/15/2019 11:21 PM - bmbouter

- Tags Pulp 2 added