

Pulp - Task #1601

Migrate /var/lib/pulp/content to new 2.8 storage paths.

01/29/2016 07:21 PM - jortel@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	jortel@redhat.com	% Done:	100%
Category:		Estimated time:	0:00 hour
Sprint/Milestone:		Tags:	Pulp 2
Platform Release:	2.8.3	Sprint:	Sprint 1
Groomed:	No	Quarter:	
Sprint Candidate:	No		
Description			
See: https://pulp.plan.io/issues/1600			
To make /var/lib/pulp/content/ consistent, we need to write some a migration.			
The migration needs to:			
<ul style="list-style-type: none">• update the <code>_storage_path</code> on content units to use the new 2.8 directory structure.• move the file to the new location.• update symlinks to point to the new file location.			
Subtasks:			
Task # 1815: Create a common 2.8 storage path migration to be used by plugins			CLOSED - CURRENTRELEASE
Task # 1816: Add migration - content units to standard storage path.			CLOSED - CURRENTRELEASE
Task # 1817: Add migration - content units to standard storage path.			CLOSED - CURRENTRELEASE
Task # 1818: Add migration - content units to standard storage path.			CLOSED - CURRENTRELEASE
Task # 1819: Add migration - content units to standard storage path.			CLOSED - CURRENTRELEASE
Related issues:			
Blocks RPM Support - Story #236: Don't re-download rpms if they exist on disk			CLOSED - CURRENTRELEASE

History

#1 - 01/29/2016 10:34 PM - bmbouter

- Blocks Story #236: Don't re-download rpms if they exist on disk added

#2 - 03/07/2016 11:03 PM - jortel@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to jortel@redhat.com

#3 - 03/23/2016 07:54 PM - semyers

- Platform Release changed from 2.8.1 to 2.8.2

#4 - 03/31/2016 04:43 PM - mhrivnak

- Sprint/Milestone set to 19

#5 - 04/06/2016 10:24 PM - semyers

- Platform Release changed from 2.8.2 to 2.8.3

#6 - 04/15/2016 03:53 PM - mhrivnak

- Status changed from ASSIGNED to POST

#7 - 04/15/2016 09:07 PM - jortel@redhat.com

- Status changed from POST to MODIFIED

#8 - 04/21/2016 06:25 PM - pthomas@redhat.com

Jeff,

Could you please update this task to itemize what we should do to make sure we test this as much as possible.

Thanks
Preethi

#9 - 04/22/2016 08:19 PM - jortel@redhat.com

Testing Notes

The migration(s) affects:

- RPM
- DRPM
- SRPM
- YUM_METADATA
- DISTRIBUTION
- ISO
- PYTHON
- DOCKER
- PUPPET

OSTree not impacted.

The migration(s) do:

- Calculates a new storage path for all unit types that stores files.
- Moves the files content/.
- Updates the symlinks under published/
- Updates the unit in the DB

Using 2.7

For each content type listed above - create and sync and publish a repository.

Upgrade 2.8.3

Validate migrations run successfully.

Spot check paths in `/var/lib/pulp/content` have the format:

```
/units/<type>/12/3456789.../<file>
```

Where the 123456789... is a SHA256 of the unit key. The `<file>` will not be there for DISTRIBUTION. Mainly check the format.

Make sure none of the symlinks are broken and that all the content types can be consumed as published.

Then, repeat the test with RPMs set to deferred (*Lazy*) downloading.

Basically a massive regression test.

#10 - 04/27/2016 12:38 AM - semyers

- Status changed from MODIFIED to 5

#11 - 05/17/2016 09:31 PM - semyers

- Status changed from 5 to CLOSED - CURRENTRELEASE

#12 - 03/08/2018 07:20 PM - bmbouter

- Sprint set to Sprint 1

#13 - 03/08/2018 07:21 PM - bmbouter

- Sprint/Milestone deleted (19)

#14 - 04/15/2019 10:36 PM - bmbouter

- Tags Pulp 2 added