

Migration Plugin - Issue #7280

Publications and Distributions are re-created on migration re-run for repos that contain mutable content.

08/05/2020 04:33 PM - ipanova@redhat.com

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	dalley	Estimated time:	0:00 hour
Category:		Sprint Candidate:	No
Sprint/Milestone:	0.5.0	Tags:	
Severity:	2. Medium	Sprint:	Sprint 81
Platform Release:		Quarter:	
OS:			
Triaged:	No		
Groomed:	No		

Description

```
$ pulp-admin rpm repo list
```

```
+-----+  
| RPM Repositories |  
+-----+
```

```
Id: kickstart-repo  
Display Name: None  
Description: None  
Content Unit Counts:  
  Distribution: 1
```

```
Id: distribution-repo2  
Display Name: None  
Description: None  
Content Unit Counts:  
  Erratum: 4  
  Rpm: 35
```

```
Id: distribution-repo1  
Display Name: None  
Description: None  
Content Unit Counts:  
  Erratum: 4  
  Rpm: 35
```

```
Id: test  
Display Name: None  
Description: None  
Content Unit Counts:  
  Package Group: 1
```

```
Id: rhel  
Display Name: None  
Description: None  
Content Unit Counts:
```

```
Id: rpm_unsigned  
Display Name: None  
Description: None  
Content Unit Counts:
```

```
Id: lalal  
Display Name: None
```

Description: None
Content Unit Counts:
Erratum: 4
Package Category: 1
Package Group: 2
Package Langpacks: 1
Rpm: 35

Id: lala2
Display Name: None
Description: None
Content Unit Counts:
Erratum: 4
Package Category: 1
Package Group: 2
Package Langpacks: 1
Rpm: 35

Id: lala3
Display Name: None
Description: None
Content Unit Counts:

Id: lala4
Display Name: None
Description: None
Content Unit Counts:
Distribution: 1
Erratum: 4
Package Category: 1
Package Group: 2
Package Langpacks: 1
Rpm: 35

```
$ http GET $BASE_ADDR/pulp/api/v3/tasks/4357cd08-d518-4324-b493-207acf2ae65f/
HTTP/1.1 200 OK
Allow: GET, PATCH, DELETE, HEAD, OPTIONS
Connection: close
Content-Length: 7964
Content-Type: application/json
Date: Wed, 05 Aug 2020 14:30:18 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "child_tasks": [],
  "created_resources": [
    "/pulp/api/v3/task-groups/a8e12c8c-fca1-4058-b88e-f25650bdb68c/",
    "/pulp/api/v3/repositories/rpm/rpm/9c23e06d-dd1e-40ff-81ed-8c6d9a508ca6/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/d2f34b8f-d09b-4a03-acca-ee64f13f49e2/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/751c0212-cb51-440f-bda8-f6e15d0cf1fb/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/80b1706f-7933-417f-bf42-945248d050f4/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/33d056b9-2308-4ad0-ab43-c940ddd5c596/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/22d96cb9-0770-45fa-a5d2-9f435e9edb8b/versions/1/",
    "/pulp/api/v3/repositories/rpm/rpm/0a795d33-0aa5-4c06-9002-5844fc471cc9/versions/1/",
    "/pulp/api/v3/publications/rpm/rpm/e063cba1-f81d-4a6a-bcab-2caccf07bc41/",
    "/pulp/api/v3/distributions/rpm/rpm/9188d0cc-1982-400b-a076-9d98105018f9/",
    "/pulp/api/v3/publications/rpm/rpm/c2b3092d-70d9-4d7f-9a7e-d5ac94231600/",
    "/pulp/api/v3/distributions/rpm/rpm/10986078-2620-46ff-843d-c122441a0323/",
    "/pulp/api/v3/publications/rpm/rpm/91d2df3c-a767-4d76-97ac-5d27971d8fe8/",
    "/pulp/api/v3/distributions/rpm/rpm/fdc1cbf0-cd33-47cd-b22c-ef645e86a031/",
    "/pulp/api/v3/publications/rpm/rpm/5a634fbf-73b6-4db3-9dd1-6a1324cdfd6c/",
    "/pulp/api/v3/distributions/rpm/rpm/7450241e-ca02-42ec-8b8a-8782764b216a/",
    "/pulp/api/v3/publications/rpm/rpm/4e860b11-1966-41a2-a835-ea3ede78e5da/",
    "/pulp/api/v3/distributions/rpm/rpm/b9217961-6197-43b3-aeb4-a337d8473804/",
    "/pulp/api/v3/publications/rpm/rpm/d9e724ce-8a61-4f47-9b1e-ed8c9bb92f1b/",
```

```
"/pulp/api/v3/distributions/rpm/rpm/9606091f-ee7c-4998-87b9-d0692f46492b/",
"/pulp/api/v3/publications/rpm/rpm/cf8f8cf4-8765-4baa-b78b-811ea34c350b/",
"/pulp/api/v3/distributions/rpm/rpm/e3ec1fbd-aa65-4301-8ecd-766565cfce15/"
],
```

Re-run, without any changes to the repos/content

```
$ http GET $BASE_ADDR/pulp/api/v3/tasks/08576559-db72-4249-98c0-b984c4554e4f/
HTTP/1.1 200 OK
Allow: GET, PATCH, DELETE, HEAD, OPTIONS
Connection: close
Content-Length: 7065
Content-Type: application/json
Date: Wed, 05 Aug 2020 14:30:58 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "child_tasks": [],
  "created_resources": [
    "/pulp/api/v3/task-groups/44480d34-7a68-4577-a4c2-6bff1f1507d7/",
    "/pulp/api/v3/publications/rpm/rpm/015589cb-9707-48bf-8b92-8b431cc67d5d/",
    "/pulp/api/v3/distributions/rpm/rpm/2b33e586-8544-4858-ab5a-1d57593b4f74/",
    "/pulp/api/v3/publications/rpm/rpm/c4770657-c9c9-4895-bc90-e5eef5180896/",
    "/pulp/api/v3/distributions/rpm/rpm/98be3a5a-3c4e-4351-b863-6976bd330bba/",
    "/pulp/api/v3/publications/rpm/rpm/3c667f24-ac33-485d-9958-d38d86a7d3a7/",
    "/pulp/api/v3/distributions/rpm/rpm/f18b8ee6-0c53-4b98-9097-72582002a9bc/",
    "/pulp/api/v3/publications/rpm/rpm/d6cddb89-d262-4f5d-89e3-1596a034c4eb/",
    "/pulp/api/v3/distributions/rpm/rpm/b6e949f9-be6b-4924-af31-69842f2cb61d/",
    "/pulp/api/v3/publications/rpm/rpm/579608a6-ae5-448c-af91-4b6dca2221c8/",
    "/pulp/api/v3/distributions/rpm/rpm/31b923fe-ef59-498f-9b1b-5c5824d17144/"
```

Associated revisions

Revision aed477b8 - 10/09/2020 10:05 PM - dalley

Don't entirely delete mutable content and re-pre-migrate them every time

closes: #7280 <https://pulp.plan.io/issues/7280>

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History

#1 - 08/05/2020 04:43 PM - ipanova@redhat.com

For docker repos, where both of them contain tags, which are mutable content, on re-run only for 1 repo distribution got re-created

+-----+

Docker Repositories

```
-----+
Id:          test-fixture-1
Display Name: None
Description:  None
Content Unit Counts:
  Docker Blob:      10
  Docker Manifest:  14
  Docker Manifest List: 4
  Docker Tag:       18
```

```
Id:          lala
Display Name: None
Description:  None
Content Unit Counts:
  Docker Blob:      571
  Docker Manifest:  426
  Docker Manifest List: 56
  Docker Tag:       272
```

Re-run:

```
$ http GET $BASE_ADDR/pulp/api/v3/tasks/9ed8b99f-2a60-4e7b-8991-9540f4a31b52/
HTTP/1.1 200 OK
Allow: GET, PATCH, DELETE, HEAD, OPTIONS
Connection: close
Content-Length: 3188
Content-Type: application/json
Date: Wed, 05 Aug 2020 14:35:51 GMT
Server: gunicorn/20.0.4
Vary: Accept, Cookie
X-Frame-Options: SAMEORIGIN
```

```
{
  "child_tasks": [],
  "created_resources": [
    "/pulp/api/v3/task-groups/5ed40aa1-5b4f-4c50-84e3-7cc7d8e7df0b/",
    "/pulp/api/v3/distributions/container/container/b401577b-89c1-4c59-9a8c-e20b6e5967e0/"
  ]
}
```

#2 - 08/05/2020 04:59 PM - ipanova@redhat.com

By the end of 1 run, i can see 2 distributors migrated. I have spotted that 1 distributor, on the second run get removed in the 'delete_old_resource'

#3 - 08/17/2020 11:43 PM - dalley

- Status changed from NEW to POST

- Assignee set to dalley

<https://github.com/pulp/pulp-2to3-migration/pull/211>

#4 - 08/27/2020 04:08 PM - ipanova@redhat.com

- Sprint set to Sprint 80

#5 - 09/04/2020 05:25 PM - rchan

- Sprint changed from Sprint 80 to Sprint 81

#6 - 10/09/2020 10:06 PM - dalley

- Status changed from POST to MODIFIED

Applied in changeset <pulp:pulp-2to3-migration|aed477b846c42a671fcb1317486aa76cb516ca27>.

#7 - 10/13/2020 08:15 PM - ttereshc

- Sprint/Milestone set to 0.5.0

#8 - 10/13/2020 08:51 PM - pulpbot

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE