

## Migration Plugin - Task #5837

Story # 3821 (CLOSED - CURRENTRELEASE): As a user, I can migrate from Pulp 2 to Pulp 3

### Specify pulp2\_distributor\_repository\_ids instead of distributor\_ids

12/04/2019 03:39 PM - ipanova@redhat.com

<b>Status:</b>	CLOSED - CURRENTRELEASE	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	dalley	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0:00 hour
<b>Sprint/Milestone:</b>	0.1.0	<b>Tags:</b>	
<b>Platform Release:</b>		<b>Sprint:</b>	Sprint 64
<b>Groomed:</b>	Yes	<b>Quarter:</b>	
<b>Sprint Candidate:</b>	No		

#### Description

#### Motivation

Distributor can't be identified by distributor\_id, the uniqueness constraint for pulp2 distributor is `distributor\_id` + `repo\_id`. pulp-admin creates a distributor with distributor\_id=distributor\_type\_id, so we can't rely on distributor\_id at all. It can be the same for many repositories.

#### Solution

Migration plan will accept pulp2\_distributor\_repository\_ids( repo\_id of the distributor associated to it). If repo has 2 distributors, we will migrate both of them.

Update Migration plan parsing: fetch distributors from the mentioned repos, filter only those distributors type that are specified in the Migrator, create a namedtuple that will contain pulp2repo\_id( we want to migrate) and distributor Object ID( distributor we want to use to create Distribution)

#### Example of a plan

```
{
  "plugins": [
    {
      "type": "iso", # it should be a pulp2 type
      "repositories": [
        {
          "name": "foo",
          "pulp2_importer_repository_id": "my_repo_id to use to find an importer to migrate"
          "repository_versions": [
            {
              "pulp2_repository_id": "idA",
              "distributor_ids": ["pulp2_distributor_repository_id1", "pulp2_distributor_repository_id2"]
            },
            {
              "pulp2_repository_id": "idB",
              "distributor_ids": ["pulp2_distributor_repository_id3"]
            }
          ]
        }
      ]
    },
    {
      "type": "docker",
    }
  ]
}
```

## Example of parsed plan

```
repodistribution = namedtuple('repodistribution', ['repo_id', 'dist_ids'])

pulp3_repo_setup = {'foo': {'pulp2_importer_repository_id': 'my_repo_id', 'versions': [repodistri
bution('idA', [ObjectId("5de97a32c998ac5dff0d6a4"), ObjectId("5de97a33c998ac5dff0d6aa")]), repod
istribution('idB', [ ObjectId("5de97a33c998ac5dff0d6ad")])]]}}
```

## Associated revisions

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### Revision 9b06d565 - 01/23/2020 02:11 PM - dalley

Specify pulp2\_distributor\_repository\_ids instead of distributor\_ids

closes: #5837 <https://pulp.plan.io/issues/5837>

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## History

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### #1 - 12/04/2019 03:41 PM - ipanova@redhat.com

- Description updated

### #2 - 12/04/2019 07:04 PM - ttereshc

- Tracker changed from Issue to Task

- Subject changed from Specify pulp2\_distributor\_repository\_id instead of distributor\_id to Specify pulp2\_distributor\_repository\_ids instead of distributor\_ids

- Description updated

- % Done set to 0

### #3 - 12/06/2019 06:13 PM - ipanova@redhat.com

- Description updated

### #4 - 12/06/2019 06:15 PM - ipanova@redhat.com

- Sprint set to Sprint 63

### #5 - 12/06/2019 06:16 PM - ipanova@redhat.com

- Description updated

### #6 - 12/06/2019 06:16 PM - ipanova@redhat.com

- Description updated

### #7 - 12/06/2019 06:23 PM - ipanova@redhat.com

- Parent task set to #3821

- Tags Pulp 2 to 3 Migrate added

### #8 - 12/06/2019 06:24 PM - ipanova@redhat.com

- Groomed changed from No to Yes

### #9 - 12/10/2019 06:54 PM - dalley

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

**#10 - 12/13/2019 07:34 PM - dalley**

- Status changed from ASSIGNED to POST

**#11 - 01/14/2020 05:38 PM - ttereshc**

- Project changed from Pulp to Migration Plugin

**#12 - 01/15/2020 10:02 PM - rchan**

- Sprint changed from Sprint 63 to Sprint 64

**#13 - 01/23/2020 04:00 PM - dalley**

- Status changed from POST to MODIFIED

- % Done changed from 0 to 100

Applied in changeset [pulp:pulp-2to3-migration|9b06d565d11de696b01e01f865d156dc22d01346](https://pulp.plan.io/projects/migration/9b06d565d11de696b01e01f865d156dc22d01346).

**#14 - 03/25/2020 09:35 AM - ttereshc**

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE

- Sprint/Milestone set to 0.1.0

**#15 - 05/22/2020 05:48 PM - bmbouter**

- Tags deleted (Pulp 2 to 3 Migrate)

We're removing the 'Pulp 2 to 3 Migrate' tag to allow membership of the Migration Plugin project in Redmine to be the controlling area  
<https://pulp.plan.io/projects/migration>