

## Katello - Bug #23942

### Error deleting manifest. PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index\_katello\_pools\_on\_cp\_id"

06/14/2018 03:17 PM - Jonathon Turel

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Partha Aji	
<b>Category:</b>	Subscriptions	
<b>Target version:</b>	Katello 3.7.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1581700	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/Katello/katello/pull/7507">https://github.com/Katello/katello/pull/7507</a>	

#### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1581700](https://bugzilla.redhat.com/show_bug.cgi?id=1581700)

**Description of problem:** Trying to delete manifest after upgrade to satellite 6.4 snap 4 from satellite 6.3.1, gives error Error deleting manifest. PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index\_katello\_pools\_on\_cp\_id" DETAIL: Key (cp\_id)=(8a88f7815e22b340015e22bc74ea0196) already exists. : INSERT INTO "katello\_pools" ("cp\_id", "created\_at", "updated\_at", "organization\_id") VALUES (\$1, \$2, \$3, \$4) RETURNING "id"

**Version-Release number of selected component (if applicable):** Satellite 6.4

**How reproducible:** always

#### Steps to Reproduce:

1. Upgrade satellite to 6.4 snap 4
2. Upload manifest
3. Try to delete manifest

#### Actual results:

Error deleting manifest. PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index\_katello\_pools\_on\_cp\_id" and production.log showed

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 883 found while refreshing/importing manifest.

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 882 found while refreshing/importing manifest.

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 881 found while refreshing/importing manifest.

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 880 found while refreshing/importing manifest.

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 879 found while refreshing/importing manifest.

2018-05-23T08:25:31 [W|app|f29fc] Orphaned Product id 878 found while refreshing/importing manifest.

2018-05-23T08:25:34 [I|aud] update event for Organization with id 36

2018-05-23T08:30:15 [E|bac] PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index\_katello\_pools\_on\_cp\_id"

DETAIL: Key (cp\_id)=(8a88f7815e22b340015e22bc74ea0196) already exists.

: INSERT INTO "katello\_pools" ("cp\_id", "created\_at", "updated\_at", "organization\_id") VALUES (\$1, \$2, \$3, \$4) RETURNING "id" (ActiveRecord::RecordNotUnique)

/opt/foreman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active\_record/connection\_adapters/postgresql\_adapter.rb:614:in `async\_exec'

/opt/foreman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active\_record/connection\_adapters/postgresql\_adapter.rb:614:in `block (2 levels) in exec\_no\_cache'

/opt/foreman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.4/lib/active\_support/dependencies/interlock.rb:46:in `block in permit\_concurrent\_loads'

/opt/foreman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.4/lib/active\_support/concurrency/share\_lock.rb:185:in `yield\_shares'

/opt/foreman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.4/lib/active\_support/dependencies/interlock.rb:45:in `permit\_concurrent\_loads'

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/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/postgresql_adapter.rb:613:in `block in exec_no_cache'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/abstract_adapter.rb:612:in `block (2 levels) in log'
/opt/rh/rh-ruby24/root/usr/share/ruby/monitor.rb:214:in `mon_synchronize'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/abstract_adapter.rb:611:in `block in log'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.4/lib/active_support/notifications/instrumenter.rb:21:in `instrument'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/abstract_adapter.rb:603:in `log'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/postgresql_adapter.rb:612:in `exec_no_cache'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/postgresql_adapter.rb:601:in `execute_and_clear'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/postgresql/database_statements.rb:79:in `exec_query'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/abstract/database_statements.rb:102:in `exec_insert'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/postgresql/database_statements.rb:113:in `exec_insert'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/connection_adapters/abstract/database_statements.rb:133:in `insert'
```

**Expected results:** Manifest delete success.

**Additional info:**

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## Associated revisions

### Revision 936291aa - 07/09/2018 01:12 PM - Partha Aji

Fixes #23942 - Reset Pool model after migration

The ::Katello::Pool model changed between 3.6 and 3.7 due to the Candlepin 2.2 -> 2.3 migration. However the migration script does not properly reset the column information after associating the organization to the Pool.

This causes all sorts of foreign key violation errors like

"Error deleting manifest. PG::UniqueViolation:

ERROR: duplicate key value violates unique constraint

"index\_katello\_pools\_on\_cp\_id"

when re indexing stuff from candlepin

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## History

### #1 - 06/14/2018 03:18 PM - Jonathon Turel

- translation missing: en.field\_release set to 338

### #2 - 07/07/2018 02:57 AM - Partha Aji

- Triaged set to No

The ::Katello::Pool model changed between 3.6 and 3.7 due to the Candlepin 2.2 -> 2.3 migration. However the migration script does not properly reset the column information after associating the organization to the Pool. This causes all sorts of foreign key violation errors like

"Error deleting manifest. PG::UniqueViolation: ERROR: duplicate key value violates unique constraint "index\_katello\_pools\_on\_cp\_id" when re indexing stuff from candlepin

I believe this issue and the upgrade errors that we got when running ->

[https://github.com/theforeman/forklift/blob/master/pipelines/pipeline\\_katello\\_36\\_to\\_37\\_upgrade.yml](https://github.com/theforeman/forklift/blob/master/pipelines/pipeline_katello_36_to_37_upgrade.yml) are related to the same cause

### #3 - 07/07/2018 03:00 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request <https://github.com/Katello/katello/pull/7507> added

### #4 - 07/09/2018 02:01 PM - Partha Aji

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [katello|936291aa1c52402606acaf4ce6d52994d3685521](#).

**#5 - 07/09/2018 02:29 PM - Brad Buckingham**

- Target version set to Katello 3.7.0

**#6 - 07/18/2018 12:14 PM - Alain Deléglise**

Hello,

I'm encountering the same issue on my Katello 3.6, running on CentOS 7.

I've followed all the mentioned steps in the upgrade docs. I'm now blocked at the foreman-rake katello:import\_subscriptions task.

I've tried to update katello today, so I'm using the newest packages in the repos.

This bug will be corrected in the final 3.7 version ?

**#7 - 07/18/2018 07:22 PM - Jonathon Turel**

Hello Alain,

This will indeed be fixed in Katello 3.7, however I wonder if you are actually hitting this same issue. I wonder that because the fix here only affects 3.7 RC1. Would you mind providing a stack trace?

**#8 - 07/19/2018 07:47 AM - Alain Deléglise**

Thanks for your answer.

I was trying to upgrade to the current 3.7 RC1 version. However I can't give you a stack as we've restored the full VM backup which was in 3.6. Now we're struggling with a new problem (Katello::Resources::Candlepin::Owner: 404 Not Found) and I don't know if we're going to try the upgrade to the RC1.

The system will soon be in production, and I think we'll wait for the final 3.7 version.