On a nightly install, we see many tasks under dynflow around "CreatePulpDiskSpaceNotifications"

Error:

NoMethodError

undefined method `storage' for nil:NilClass

- "opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.7.0/app/services/katello/ui_notification
s/pulp/proxy_disk_space.rb:8:in
  `block in deliver!'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/relatio
n/delegation.rb:39:in
  `each''
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/relatio
n/delegation.rb:39:in
  `each''
- "opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.7.0/app/services/katello/ui_notification
s/pulp/proxy_disk_space.rb:7:in
  `deliver!'"
- "opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.7.0/app/jobs/create_pulp_disk_space_noti
fications.rb:7:in
  `perform'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activejob-5.1.4/lib/active_job/execution.rb:37:in
  `block in perform_now'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/callbacks.rb:108:in
  `block in run_callbacks'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/i18n-0.9.1/lib/i18n.rb:265:in
  `with_locale'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activejob-5.1.4/lib/active_job/translation.rb:7:in
  `block (2 levels) in <module:Translation>'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/callbacks.rb:117:in
  `instance_exec'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activejob-5.1.4/lib/active_job/callbacks.rb:117:in
  `block in run_callbacks'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activejob-5.1.4/lib/active_job/logging.rb:24:in
  `block (4 levels) in <module:Logging>'"
- "opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activejob-5.1.4/lib/active_job/notifi
I'm not sure what's causing that so filing under dynflow component for now.

Related issues:
Related to Foreman - Bug #23611: ApplicationJob starts when foreman_tasks doe...  Closed  05/16/2018

Associated revisions
Revision 30203315 - 06/12/2018 09:08 PM - Adam Ruzicka
Fixes #23326 - Create active jobs properly

Revision 9ab0d774 - 06/12/2018 09:08 PM - Adam Ruzicka
Fixes #23326 - Version bumping

History
#1 - 04/27/2018 02:04 PM - Ivan Necas
- Category changed from Dynflow to Notifications
- Project changed from foreman-tasks to Katello

This belongs to the Katello project

#2 - 05/02/2018 06:05 PM - Andrew Kofink
- Legacy Backlogs Release (now unused) set to 349

#3 - 05/02/2018 06:05 PM - Andrew Kofink
- Legacy Backlogs Release (now unused) changed from 349 to 338
- Assignee set to Jonathon Turel

#4 - 05/07/2018 06:16 PM - Jonathon Turel
I looked into this and I think there's an issue around the timing of the foreman and foreman_tasks being installed and started. I also didn't see this problem exactly as described which also indicates a timing related issue to me.

From foreman production.log:

2018-05-03T00:50:19 [W|dyn|] Error on on_execution_plan_save event
ActiveRecord::StatementInvalid: PG::UndefinedTable: ERROR: relation "foreman_tasks_tasks" does not exist
LINE 8:
  SELECT a.attname, format_type(a.atttypid, a.atttypmod),
      pg_get_expr(d.adbin, d.adrelid), a.attnotnull, a.atttypid, a.atttypmod,
      c.collname, col_description(a.attrelid, a.attnum) AS comment
  FROM pg_attribute a
  LEFT JOIN pg_attrdef d ON a.attrelid = d.adrelid AND a.attnum = d.adnum
  LEFT JOIN pg_type t ON a.atttypid = t.oid
  LEFT JOIN pg_collation c ON a.attcollation = c.oid AND a.attcollation <> t.typcollation
  WHERE a.attrelid = "foreman_tasks_tasks"::regclass
  AND a.attnum > 0 AND NOT a.attisdropped
ORDER BY a.attnum

From foreman_proxy proxy.log:
I'm not very familiar with the installer side of things but it looks like foreman is starting and kicking off the jobs when foreman_tasks hasn't been installed & started - see that there is a 4 minute difference in the logs. I will think about what the appropriate fix is and update.

#5 - 05/16/2018 01:24 PM - Jonathon Turel
The proxy log is irrelevant - ignore it :)

#6 - 05/16/2018 01:25 PM - Jonathon Turel
- Related to Bug #23611: ApplicationJob starts when foreman_tasks does not exist added

#7 - 05/17/2018 08:57 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/Katello/katello/pull/7378 added

#8 - 06/12/2018 10:01 PM - Adam Ruzicka
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset katello|302033155de1038950001cd6e8c23140b9edd7a6.