

Foreman - Bug #15011

migrate_foreman error upgrading from 6.1 to 6.2 -> error: katello_content_facets during foreman migration

05/11/2016 12:08 PM - Ivan Necas

Status:	Closed	
Priority:	Normal	
Assignee:	Ivan Necas	
Category:	Plugin integration	
Target version:	1.12.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:	1334961	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/3519	

Description

Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1334961

Description of problem:

Attempting to upgrade to an early version of Satellite 6.2 Beta (internal build) from 6.1 is resulting in an error during foreman_migrate.

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

foreman-1.11.0.21-1.el7sat.noarch
tfm-rubygem-katello-3.0.0.26-1.el7sat.noarch

How reproducible:

Always

Steps to Reproduce:

1. install Satellite 6.1
2. update packages to Satellite 6.2
3. patch system to include fixes for bug 1332700 and bug 1333027
4. foreman-installer --upgrade

Actual results:

1. foreman-installer --upgrade
Upgrading...
Upgrade Step: stop_services...
Upgrade Step: start_databases...
Upgrade Step: update_http_conf...
Upgrade Step: migrate_pulp...
Upgrade Step: start_httpd...
Upgrade Step: migrate_candlepin...
Upgrade Step: migrate_foreman...
Upgrade step migrate_foreman failed. Check logs for more information.

Expected results:

No error during the migrate_foreman step.

Additional info:

Note: see attached log for complete installer run.

In the /var/log/foreman-installer/katello.log, the following is observed:

...[snip]...

```
[ERROR 2016-05-10 22:03:29 main] API controllers newer than Apipie cache! Run apipie:cache rake task to regenerate cache.
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.0.0.26/config/routes/overrides.rb:3: warning: already initialized constant
Katello::WhitelistConstraint::PATHS
/opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.0.0.26/config/routes/overrides.rb:3: warning: previous definition of PATHS
was here
rake aborted!
StandardError: An error has occurred, this and all later migrations canceled:

PG::Error: ERROR: relation "katello_content_facets" does not exist
LINE 5:         WHERE a.attrelid = "katello_content_facets"...
^
:         SELECT a.attname, format_type(a.atttypid, a.atttypmod),
pg_get_expr(d.adbin, d.adrelid), a.attnotnull, a.atttypid, a.atttypmod
FROM pg_attribute a LEFT JOIN pg_attrdef d
ON a.attrelid = d.adrelid AND a.attnum = d.adnum
WHERE a.attrelid = "katello_content_facets"::regclass
AND a.attnum > 0 AND NOT a.attisdropped
ORDER BY a.attnum

...[snip]...

/usr/share/foreman/db/migrate/20140910153654_move_host_nics_to_interfaces.rb:24:in `block in up'
/opt/rh/rh-ror41/root/usr/share/gems/gems/activerecord-4.1.5/lib/active_record/relation/delegation.rb:46:in `each'
/opt/rh/rh-ror41/root/usr/share/gems/gems/activerecord-4.1.5/lib/active_record/relation/delegation.rb:46:in `each'
/usr/share/foreman/db/migrate/20140910153654_move_host_nics_to_interfaces.rb:20:in `up'

...[snip]...
```

Associated revisions

Revision [d1e1d191](#) - 05/16/2016 05:13 AM - Ivan Necas

Fixes #15011 - don't expect the facet tables in migration

The problem was the `db/migrate/20140910153654_move_host_nics_to_interfaces.rb` tries to read the attributes that get extended by the facets, but the facets table might not be ready yet.

To avoid unnecessary checks in production where the `host.attributes` is used pretty heavily, we define the method with checks in migration only.

History

#1 - 05/11/2016 12:09 PM - Ivan Necas

- Category set to *Plugin integration*
- Status changed from *New* to *Assigned*

#2 - 05/11/2016 12:13 PM - The Foreman Bot

- Status changed from *Assigned* to *Ready For Testing*
- Pull request <https://github.com/theforeman/foreman/pull/3519> added

#3 - 05/16/2016 06:07 AM - Ivan Necas

- Status changed from *Ready For Testing* to *Closed*
- % Done changed from 0 to 100

Applied in changeset [d1e1d191db4b765e9edb1bae12e4f407d782eac6](#).

#4 - 05/17/2016 05:00 AM - Dominic Cleal

- translation missing: *en.field_release* set to 136