When upgrading our instance from 1.16.2 > 1.17.1, foreman_rake db:seed fails on 040-role.rb step with NoMethodError. I attached bookmarks, filters, roles, permissions from my database.

# foreman-rake db:seed --trace
/opt/theforeman/tfm/ror51/root/usr/share/gems/gems/sequel-4.20.0/lib/sequel/database/schema_generator.rb:19: warning: constant ::Fixnum is deprecated
/opt/theforeman/tfm/ror51/root/usr/share/gems/gems/sequel-4.20.0/lib/sequel/database/schema_generator.rb:19: warning: constant ::Bignum is deprecated
/usr/share/foreman/lib/core_extensions.rb:183: warning: already initialized constant ActiveSupport::MessageEncryptor::DEFAULT_CIPHER
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/dependencies.rb:292:in `block in require'
** Invoke db:seed (first_time)
** Execute db:seed
** Invoke db:abort_if_pending_migrations (first_time)
** Invoke environment (first_time)
** Execute environment
The PGconn, PGresult, and PGError constants are deprecated, and will be removed as of version 1.0.

You should use PG::Connection, PG::Result, and PG::Error instead, respectively.

Called from /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/dependencies.rb:292:in `block in require'
** Invoke db:load_config (first_time)
** Execute db:load_config
** Execute db:abort_if_pending_migrations
Seeding /usr/share/foreman/db/seeds.d/020-partition_tables_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-permissions_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-provisioning_templates_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-roles_list.rb
Seeding /usr/share/foreman/db/seeds.d/030-auth_sources.rb
Seeding /usr/share/foreman/db/seeds.d/030-permissions.rb
Seeding /usr/share/foreman/db/seeds.d/035-admin.rb
Seeding /usr/share/foreman/db/seeds.d/040-roles.rb
rake aborted!
NoMethodError: undefined method `id' for nil:NilClass
/usr/share/foreman/app/models/role.rb:324:in `block in find_current_filter'
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/relation/d
Removing role.rb shows it is the only one with an error:

```ruby
# mv /usr/share/foreman/db/seeds.d/040-roles.rb .
# foreman-rake db:seed
```

You should use PG::Connection, PG::Result, and PG::Error instead, respectively.

Called from /opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.4/lib/active_record/dependencies.rb:292:in `block in require'
Seeding /usr/share/foreman/db/seeds.d/020-partition_tables_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-permissions_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-provisioning_templates_list.rb
Seeding /usr/share/foreman/db/seeds.d/020-roles_list.rb
Seeding /usr/share/foreman/db/seeds.d/030-auth_sources.rb
Seeding /usr/share/foreman/db/seeds.d/030-permissions.rb
Seeding /usr/share/foreman/db/seeds.d/035-admin.rb
Seeding /usr/share/foreman/db/seeds.d/050-taxonomies.rb
Seeding /usr/share/foreman/db/seeds.d/060-architectures.rb
Seeding /usr/share/foreman/db/seeds.d/070-provisioning_templates.rb
Seeding /usr/share/foreman/db/seeds.d/080-partition_tables.rb
Seeding /usr/share/foreman/db/seeds.d/100-installation_media.rb
Seeding /usr/share/foreman/db/seeds.d/110-smart_proxy_features.rb
Seeding /usr/share/foreman/db/seeds.d/130-compute_profiles.rb
Seeding /usr/share/foreman/db/seeds.d/150-bookmarks.rb
Seeding /usr/share/foreman/db/seeds.d/160-mail_notifications.rb
Seeding /usr/share/foreman/db/seeds.d/170-notification_blueprints.rb
Seeding /opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-0.11.2/db/seeds.d/20-foreman_tasks_permissions.rb
Seeding /opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-0.11.2/db/seeds.d/30-foreman_tasks.rb

03/28/2022
Seeding /opt/theforeman/tfm/root/usr/share/gems/gems/foreman_discovery-11.0.0/db/seeds.d/70_discovery_mail_notification.rb
Seeding /opt/theforeman/tfm/root/usr/share/gems/gems/foreman_discovery-11.0.0/db/seeds.d/80_discovery_ui_notification.rb
Seeding /opt/theforeman/tfm/root/usr/share/gems/gems/foreman_discovery-11.0.0/db/seeds.d/90_add_permissions_from_default_roles.rb

All seed files executed

Related issues:
- Related to Foreman - Bug #21342: Role needs to be updated if their permission... Closed
- Related to Foreman - Feature #19039: Lock plugin roles Closed 03/27/2017
- Related to Foreman - Bug #24231: foreman-rake db:seed error Need more information

Associated revisions

Revision ada7d6ef - 08/28/2018 06:24 AM - Tomer Brisker
Fixes #24697 - Don't remove permissions from default role

The default role may have permissions added by users. They should remain without removal. If a seeded permissions needs removal from the default role, it should be explicitly removed in a migration. Additionally, attempting to remove permissions with filters from a role led to a failure due to an incorrect search parameter which has now been fixed.

Revision b5bfdb65 - 09/03/2018 03:14 PM - Michael Moll
Refs #24697 - remove now unneeded Rubocop disabling

History

#1 - 08/23/2018 09:17 AM - Daniel Helgenberger
- Subject changed from foreman-rake db:seed fails on upgrade to Foramen 1.17.1 to foreman-rake db:seed fails on upgrade to Foraman 1.17.1

#2 - 08/23/2018 10:10 AM - Adam Winberg
I had this error as well, both upgrading to 1.17 and then to 1.18. In my case it seems to be because I had made edits to the filters in the 'Default role'. This role is not locked so I guess I presumed it was ok to make adjustments to it, but once I had reset the role to the default filters (view_bookmarks and view_tasks) the db:seed task worked.

#3 - 08/23/2018 10:18 AM - Daniel Helgenberger
Thanks, Adam! I'll try it right away - however, currently on 1.16.2 I cannot find a way to reset it. Can you post you post your filters?

#4 - 08/23/2018 10:42 AM - Adam Winberg
As I understand it, from the file

/usr/share/foreman/db/seeds.d/020-roles_list.rb

, there are only two filters/permissions on the default role:

Bookmarks/view_bookmarks
(Miscellaneous)/view_tasks

After I removed all my filters on the default role except those two, it worked for me.
#5 - 08/23/2018 10:47 AM - Daniel Helgenberger
Thanks, I think I also need from foreman tasks:

```
Foreman tasks/task     view_foreman_tasks    owner.id = current_user
```

#6 - 08/23/2018 12:56 PM - Tomer Brisker
- Priority changed from Normal to High

I confirm this issue is present in current nightly as well. Having a modified ‘default role’ role will cause db:seed to fail.

#7 - 08/23/2018 01:03 PM - Tomer Brisker
More precisely:
- If there is a permission added to the default role with no filters, it will be removed when seeding.
- If there is a permission added with a specific filter, it will cause the db:seed task to fail.

#8 - 08/23/2018 01:05 PM - Tomer Brisker
- Bugzilla link set to 1621029

#9 - 08/23/2018 05:18 PM - Daniel Helgenberger
Dumb question, should the Default Role be locked in the first place?

Adam and I only ran into the issue because it is unlocked and we assumed it is fine to edit it. Further, I edited this a while back, several forman versions ago and this is the first time I hit this.

#10 - 08/26/2018 07:08 AM - Tomer Brisker
- Related to Bug #21342: Role needs to be updated if their permissions changed in new version added

#11 - 08/26/2018 08:46 AM - Tomer Brisker
- Related to Feature #19039: Lock plugin roles added

#12 - 08/26/2018 01:53 PM - The Foreman Bot
- Assignee set to Tomer Brisker
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/5992 added

#13 - 08/26/2018 02:03 PM - Tomer Brisker
- Target version set to 1.18.2
- Found in Releases 1.17.0, 1.17.0-RC1, 1.17.0-RC2, 1.17.1, 1.17.2, 1.17.3, 1.18.0, 1.18.0-RC1, 1.18.0-RC2, 1.18.0-RC3, 1.18.1, 1.19.0-RC1, 1.19.0-RC2, 1.19.0-RC3 added

#14 - 08/28/2018 06:33 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/5999 added

#15 - 08/28/2018 06:37 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/6000 added
#16 - 08/28/2018 06:53 AM - The Foreman Bot
- Pull request https://github.com/theforeman/foreman/pull/5990 added

#17 - 08/28/2018 07:01 AM - Tomer Brisker
- Status changed from Ready For Testing to Closed

Applied in changeset ada7d6ef42de7a574bd74a1f5998964fb4226368.

#18 - 08/28/2018 07:46 AM - Tomer Brisker
- Pull request deleted (https://github.com/theforeman/foreman/pull/5990)

#19 - 08/28/2018 07:51 AM - Tomer Brisker
- Fixed in Releases 1.17.4, 1.18.2, 1.19.0, 1.20.0 added

#20 - 11/14/2018 07:20 AM - Marek Hulán
- Related to Bug #24231: foreman-rake db:seed error added

Files

| foreman_db.txt | 62 KB | 08/23/2018 | Daniel Helgenberger |