Foreman - Bug #31258

puppetrun removal migration shouldn't fail even if the setting was set manually

11/04/2020 03:43 PM - Han Boetes

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Tomer Brisker</td>
</tr>
<tr>
<td>Category:</td>
<td>DB migrations</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.2.1</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
<tr>
<td>Triaged:</td>
<td>No</td>
</tr>
<tr>
<td>Bugzilla link:</td>
<td></td>
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<thead>
<tr>
<th>Pull request:</th>
<th><a href="https://github.com/theforeman/foreman/pull/8125">https://github.com/theforeman/foreman/pull/8125</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed in Releases:</td>
<td>2.2.1, 2.3.0</td>
</tr>
<tr>
<td>Found in Releases:</td>
<td>2.2.0</td>
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Description

During the db:migrate I ran into this problem:

```ruby
# foreman-rake db:migrate --trace
** Invoke db:migrate (first_time)
** Invoke db:load_config (first_time)
** Invoke environment (first_time)
** Execute environment
** Execute db:load_config
** Invoke plugin:refresh_migrations (first_time)
** Invoke environment
** Execute plugin:refresh_migrations
** Execute db:migrate
== 20200602155700 DropPuppetRun: migrating ------------------------------
rake aborted!
```

StandardError: An error has occurred, this and all later migrations canceled:

```
Setting::Puppet is marked as readonly
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/persistence.rb:963:in `raise_readonly_record_error'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/persistence.rb:532:in `destroy'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/callbacks.rb:309:in `block in destroy'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/callbacks.rb:101:in `run_callbacks'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:310:in `block in destroy'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:375:in `block in with_transaction_returning_status'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:278:in `transaction'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:212:in `transaction'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:310:in `destroy'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:366:in `with_transaction_returning_status'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:310:in `destroy'
/opt/theforeman/tfm/root/usr/share/gems/gems/activerecord-6.0.3.1/lib/active_record/transactions.rb:544:in `each'
/usr/share/foreman/db/migrate/20200602155700_drop_puppet_run.rb:3 in `up'
```
03/26/2022
Caused by:
ActiveRecord::ReadOnlyRecord: Setting::Puppet is marked as readonly

```
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 ActiveRecord::ReadOnlyRecord: Setting::Puppet is marked as readonly
```

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Where I have this slightly outdated config, now that we mention it: updating those files is a major pain, perhaps running the foreman-installer before running vimdiff would be better?

---

```ruby
### File managed with puppet ###

# Module: 'foreman'

:unattended: true
:require_ssl: true
:locations_enabled: false
:organizations_enabled: false
:puppetrun: false

# The following values are used for providing default settings during db migrate
:oauth_active: true
:oauth_map_users: false
:oauth_consumer_key: xxxxxxxxxxxxxxxxxxx
:oauth_consumer_secret: xxxxxxxxxxxxxxxxxxx

# Websockets
:websockets_encrypt: true
:websockets_ssl_key: /etc/puppetlabs/puppet/ssl/private_keys/theforeman.example.com.pem
:websockets_ssl_cert: /etc/puppetlabs/puppet/ssl/certs/theforeman.example.com.pem

# SSL-settings
:ssl_certificate: /etc/puppetlabs/puppet/ssl/certs/theforeman.example.com.pem
:ssl_cafile: /etc/puppetlabs/puppet/ssl/certs/ca.pem
:ssl_private_key: /etc/puppetlabs/puppet/ssl/private_keys/theforeman.example.com.pem

# HSTS setting
:hsts_enabled: true

# Log settings for the current environment can be adjusted by adding them here. For example, if you want to increase the log level.
:logging:
  :level: info
  :production:
    :type: file
    :layout: pattern

# Individual logging types can be toggled on/off here
:loggers:

# Foreman telemetry has three destinations: prometheus, statsd and rails log.
:telemetry:
  # prefix for all metrics
```

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# prometheus endpoint is at /metrics
# warning: ruby client library currently does not supprt multi-process web servers
:prometheus:
  :enabled: false
# works with statsd_exporter too, use the rake task to generate config
:statsd:
  :enabled: false
  # IP and port (do not use DNS)
  :host: '127.0.0.1:8125'
  # one of 'statsd', 'statsite' or 'datadog'
  :protocol: 'statsd'
# Rails logs end up in logger named 'telemetry' when enabled
:logger:
  :enabled: false
  # logging level as in Logger::LEVEL
  :level: 'DEBUG'

:dynflow:
  :pool_size: 5
  :redis_url: redis://localhost:6379/6

:rails_cache_store:
  :type: file

  # Configure reverse proxy headers
:ssl_client_dn_env: HTTP_SSL_CLIENT_S_DN
:ssl_client_verify_env: HTTP_SSL_CLIENT_VERIFY
:ssl_client_cert_env: HTTP_SSL_CLIENT_CERT
:authorize_login_delegation: true
:authorize_login_delegation_auth_source_user_autocreate: External

I got support from tbrisker on freenode and we had this discussion:

16:02  tbrisker| Han: delete line 10
16:02  tbrisker| Han: you can also delete lines 8-9 while there, they have no affect for a while now :) 
16:03  tbrisker| Han: did you upgrade using the installer? 
16:04  Han| No I followed the manual on upgrading. But managing those diffs from the new config formats is a pain. It's not explained at all.
16:05  Han| Yay! the migrate pulled through! Thanks!
16:07  tbrisker| Han: i think the installer should update that file for you, normally you wouldn't need to manual edit it
16:08  tbrisker| Han: can you open an issue for this though? the migration shouldn't fail anyways even if the setting was set manually
16:08  Han| The manual tells me to run the installer after the vimdiff steps.
16:08  Han| Sure. Gladly.

Related issues:

Related to Foreman - Feature #29993: Remove puppetrun functionality  Closed

Associated revisions

Revision e801761 - 11/06/2020 11:55 AM - Tomer Brisker
Fixes #31258 - Don't fail migration if setting is hardcoded
If the puppetrun setting has been hardcoded in settings.yaml, it will be marked as readonly causing the migration attempting to delete it to fail. Since settings have no associations and we don't need callbacks to run we can use `delete` instead of `destroy` to trigger an sql query deleting it.
History

#1 - 11/04/2020 03:49 PM - Tomer Brisker
- Target version set to 2.2.1
- Category set to Web Interface
- Fixed in Releases deleted (2.2.1)

#2 - 11/04/2020 04:10 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8125 added

#3 - 11/06/2020 11:55 AM - Ewoud Kohl van Wijngaarden
- Related to Feature #29993: Remove puppetrun functionality added

#4 - 11/06/2020 11:55 AM - The Foreman Bot
- Fixed in Releases 2.4.0 added

#5 - 11/06/2020 12:01 PM - Tomer Brisker
- Status changed from Ready For Testing to Closed

Applied in changeset foreman|e801f761eb3e709a0adc7a6e6d86f514b2f919dd.

#6 - 11/08/2020 01:31 PM - Tomer Brisker
- Fixed in Releases 2.2.1, 2.3.0 added
- Fixed in Releases deleted (2.4.0)

#7 - 11/12/2020 02:37 PM - Tomer Brisker
- Category changed from Web Interface to DB migrations

#8 - 11/12/2020 02:38 PM - Tomer Brisker
- Subject changed from the migration shouldn't fail anyways even if the setting was set manually to puppetrun removal migration shouldn't fail even if the setting was set manually