Calling foreman-rake db:seed fills the database with default entries. Of these seeds, 04-admin.rb takes care of adding the default admin account. This can be configured using SEED_ADMIN_* environment variables but calling foreman-rake with id != foreman fails.

Looking at foreman-rake, the su call misses the -p flag, so environment is dropped when changing user.

Associated revisions
Revision 9fd99121 - 05/24/2016 11:42 AM - Stijn Tintel
Fixes #14541 - foreman-rake must preserve environment variables
Signed-off-by: Stijn Tintel <stijn@linux-ipv6.be>

History
#1 - 04/08/2016 04:28 AM - Dominic Cleal
- Category set to Rake tasks

#2 - 05/18/2016 06:56 AM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/3533 added

#3 - 05/18/2016 07:17 AM - Stijn Tintel
Adding -p to the su call is unfortunately not an option:

```
root@foreman:~ # /usr/sbin/foreman-rake db:seed
-su: /root/.bash_profile: Permission denied
rake aborted!
```

```
Errno::EACCES: Permission denied - /root/.facter/facts.d
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `open'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `entries'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:75:in `entries'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/directory_loader.rb:55:in `load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `block in load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `block in load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `each'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `each'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/composite_loader.rb:10:in `block in load'
```

```
/usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter.rb:112:in `block (2 levels) in singleton cla
Tasks: TOP => db:abort_if_pending_migrations => environment
(See full trace by running task with --trace)
HOME might be carried through with -p?

This is just a warning and can be ignored:

```
su: /root/.bash_profile: Permission denied
```

But the problem seems to be in the facter gem, in /usr/share/foreman/vendor/ruby/2.0.0/gems/facter-1.7.6/lib/facter/util/config.rb:

```ruby
def self.external_facts_dirs
  if Facter::Util::Root.root?
    windows_dir = windows_data_dir
    if windows_dir.nil? then
      ["/etc/facter/facts.d", "/etc/puppetlabs/facter/facts.d"]
    else
      File.join(windows_dir, 'PuppetLabs', 'facter', 'facts.d')
    end
  else
    [File.expand_path(File.join("~", ".facter", "facts.d"))]
  end
end
```

So with the -p option, the environment contains HOME=/root, which is causing the above problem.
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset 9fd991210db89b693cb17fa2c25c8104f8981b16.

#8 - 05/25/2016 03:10 AM - Dominic Cleal
- Legacy Backlogs Release (now unused) set to 136