

Installer - Bug #7353

Installation occasionally fails: failed to call refresh: /usr/sbin/foreman-rake db:seed returned 1 instead of one of [0] with "Validation failed: Name has already been taken" in katello-installer.log

09/04/2014 07:52 AM - Ivan Necas

Status: Closed	
Priority: Normal	
Assignee: Ivan Necas	
Category:	
Target version: 1.7.1	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1135989	Red Hat JIRA:
Pull request:	
Description	
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1135989	
Version-Release number of selected component (if applicable): katello-installer-0.0.64-1.el7sat.noarch	
How reproducible: rare	
Steps to Reproduce:	
yum install -y katello katello-installer	
Actual results:	
[...] [31m /Stage[main]/Foreman::Database/Foreman::Rake[db:seed]/Exec[foreman-rake-db:seed]: Failed to call refresh: /usr/sbin/foreman-rake db:seed returned 1 instead of one of [0] [0m[31m /Stage[main]/Foreman::Database/Foreman::Rake[db:seed]/Exec[foreman-rake-db:seed]: /usr/sbin/foreman-rake db:seed returned 1 instead of one of [0] [0mNotice: /Stage[main]/Foreman::Database/Foreman::Ra: 488/489, 99%, 0.0/s, elapsed: 00:07:03 [...] E, [2014-08-31T22:46:53.324338 #29233] ERROR -- : : 488/489, 99%, 0.0/s, elapsed: 00:12:33 [31m /Stage[main]/Foreman_proxy::Register/Foreman_smartproxy[ibm-ls22-03.rhcs.eng.brq.redhat.com]: Could not evaluate: 500 Internal Server Error [0m[32mDone [0m: 489/489, 100%, 0.0/s, elapsed: 00:12:37 [32mDone [0m: 489/489, 100%, 0.0/s, elapsed: 00:12:37 [1m[31mSomething went wrong! [0m Check the log for ERROR-level output The full log is at [1m[36m/var/log/katello-installer/katello-installer.log[0m :: [FAIL] :: Command 'katello-installer --foreman-admin-email 'root@localhost' --foreman-admin-username 'admin' --foreman-admin-password 'changeme" (Expected 0, got 6)	
Expected results: Installer succeeds	
Additional info:	
The issue seems to be caused by race-condition in initializing the settings data (happen in an initializer). The httpd was started just before the db:seed (so that the rails environments started to be loaded at the same time, and probably started also filling the settings table: when initializing, the code first checks whether the settings are there, and if not, it creates them.	
It seems the case here is two parallel processes (one from passenger, the second from db:seed) look if some settings exist (but get an information, that the settings are not there yet), so both try to create the settings, but the second one fails on conflict, because in the meantime, the first process have already managed to save that.	
Workaround:	

```
echo >> /etc/foreman/database.yml
katello-installer
```

Associated revisions

Revision dcde6712 - 11/19/2014 09:01 AM - Ivan Necas

Fixes #4611,#7353 - control the db_pending_migration/db_pending_seed from installer

This allows tracking the state of migration/seeding in the database and making sure the rake tasks are done on subsequential installer attempts when something goes wrong the first time.

Also, as part of the `foreman-config` calls, we ensure that the settings are initialised before the httpd starts (preventing the race-conditions happening when the httpd and rake db:seed start at the same time)

Closes GH-225

History

#1 - 09/04/2014 08:00 AM - Ivan Necas

- Status changed from New to Assigned

#2 - 11/19/2014 09:03 AM - Dominic Cleal

- Project changed from Foreman to Installer

- translation missing: en.field_release set to 29

#3 - 11/19/2014 10:01 AM - Ivan Necas

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

Applied in changeset [puppet-foreman|dcde67122d8151e16b905201196a764671f0d63d](#).