Foreman - Bug #8366

Upgrade from 1.6.2 to 1.7rc1 fails during AddUniqueIndexToParameter db migration with duplicate key error

11/12/2014 08:57 AM - Ronald van Zantvoort

Status:	Closed			
Priority:	High			
Assignee:	Dominic Cleal			
Category:	DB migrations			
Target version:	1.7.2			
Difficulty:			**Fixed in Releases:**	
Triaged:			**Found in Releases:**	1.7.0
Bugzilla link:			**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman/pull/1927			

Description

Upgrading our Foreman instance from 1.6.2 to 1.7rc1 fails during migration of the DB with the following error:

```
==  AddUniqueIndexToParameter: migrating ======================================
-- add_index(:parameters, [:reference_id, :name], {:unique=>true})
rake aborted!
StandardError: An error has occurred, all later migrations canceled:

Mysql2::Error: Duplicate entry '4-lag-members' for key 'index_parameters_on_reference_id_and_name'
: CREATE UNIQUE INDEX `index_parameters_on_reference_id_and_name` ON `parameters` (`reference_id`,
 `name`)/usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.20/lib/active_record/connection
_adapters/abstract_mysql_adapter.rb:245:in `query'
(etc...)
```

This is caused by 20140805114754_add_unique_index_to_parameter.rb trying to add the mentioned index. However, in my db, I have:

```
id   name         ref_id      type
1    lag-members   4          GroupParameter
3    lag-members   4          HostParameter
```

Which leads to the SQL violation.
So it looks like anyone upgrading who has the same parameter set on both Group and Host might suffer this problem?

Related issues:

Related to Foreman - Bug #6695: Adding two OS parameters with same name doesn...	**Closed**	**07/20/2014**

Associated revisions

Revision d5f92b39 - 11/13/2014 01:31 PM - Dominic Cleal

fixes #8366 - add parameter type to unique index

Revision 6db98d62 - 01/27/2015 10:49 AM - Dominic Cleal

fixes #8366 - add parameter type to unique index

(cherry picked from commit d5f92b39de44658f2c73ff87139f7152e6e41208)

History

#1 - 11/12/2014 09:34 AM - Dominic Cleal

- Related to Bug #6695: Adding two OS parameters with same name doesn't raise any error when values are different added

#2 - 11/12/2014 09:35 AM - Dominic Cleal

- Target version set to 1.7.2

Looks like the 'type' should be part of the index, thanks for the report!

#3 - 11/12/2014 11:32 AM - Ori Rabin

- Status changed from New to Assigned

- Assignee set to Ori Rabin

#4 - 11/12/2014 12:31 PM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/1927 added

- Pull request deleted ()

#5 - 11/12/2014 12:33 PM - Dominic Cleal

- Assignee changed from Ori Rabin to Dominic Cleal

Sorry Ori, I thought I'd set assignee but it didn't happen. PR's up if you'd like to review it. If you have another solution, we can compare answers!

#6 - 11/13/2014 02:01 PM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [d5f92b39de44658f2c73ff87139f7152e6e41208](#).

#7 - 01/06/2015 09:36 AM - Dominic Cleal

- translation missing: en.field_release changed from 21 to 30