

## Foreman - Refactor #14093

### Remove unused roles permissions column

03/08/2016 07:27 AM - Dominic Cleal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Dominic Cleal	
<b>Category:</b> Database	
<b>Target version:</b> 1.12.0	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b> <a href="https://github.com/foreman/foreman/pull/3289">https://github.com/foreman/foreman/pull/3289</a>	
<b>Description</b>	
<p>The roles table has a permissions text column that pre-<a href="#">#812</a> was a serialised list of permissions assigned to the role. <a href="#">#812</a> changed this so that permissions are associated via filters, and permissions is now an has_many association through filters, but the column wasn't removed in that patch.</p>	
<p>The presence of the column was causing a test failure on Rails 4.2 because it has the same name as the association.</p>	
<pre>--- expected +++ actual @@ -1,1 @@ -#&lt;ActiveRecord::Associations::CollectionProxy []&gt; +#&lt;ActiveRecord::Associations::CollectionProxy [#&lt;Permission id: 769440046, name: "view_ptables", resource_type: "Ptable", created_at: "2013-12-04 08:41:05", updated_at: "2013-12-04 08:41:05"&gt;]&gt; (Minitest::Assertion) /var/lib/workspace/workspace/test_develop_pr_core/database/mysql/label/fast/ruby/2.2/test/function al/roles_controller_test.rb:82</pre>	
<p>Under MySQL, the column has a limit of 64k characters, which validates_lengths_from_database enforces. In the, it created a Role then called #add_permissions! on it, but calling .permissions after would return an empty array on MySQL (not other DBs).</p>	
<p>The length validation on the permissions field was called when the role was first created, and this caused the permissions association to be cached by Rails. Reloading the association worked, but also removing the identically named and unused attribute also prevents the validation messing with the association.</p>	
<b>Related issues:</b>	
Blocks Foreman - Feature #13244: Upgrade Ruby on Rails to 4.2	<b>Closed</b> <b>01/15/2016</b>

#### Associated revisions

**Revision 1657a147 - 03/08/2016 10:44 AM - Dominic Cleal**

fixes #14093 - remove unused permissions column from roles

#### History

**#1 - 03/08/2016 07:28 AM - Dominic Cleal**

- Blocks Feature #13244: Upgrade Ruby on Rails to 4.2 added

**#2 - 03/08/2016 07:29 AM - The Foreman Bot**

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/foreman/foreman/pull/3289> added

**#3 - 03/08/2016 11:01 AM - Dominic Cleal**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [1657a147e61f74be373a86efea63bd9584ece748](#).

**#4 - 03/09/2016 09:53 AM - Dominic Cleal**

- translation missing: en.field\_release set to 136