Foreman - Bug #21496
Roles not properly removing permissions
10/27/2017 08:02 PM - Partha Aji

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
<td>Partha Aji</td>
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<tr>
<td>Category:</td>
<td>DB migrations</td>
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<tr>
<td>Target version:</td>
<td>1.17.0</td>
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<tr>
<td>Difficulty:</td>
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<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/4957">https://github.com/theforeman/foreman/pull/4957</a></td>
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<td>Triaged:</td>
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<td>Bugzilla link:</td>
<td>1507073</td>
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Description
Look at https://github.com/theforeman/foreman/blob/5878c99fb02a235df3b27f742c0373f94e483fe4/app/models/role.rb#L327

```ruby
def permission_records(permissions)
  collection = Permission.where(:name => permissions.flatten).all
  raise ::Foreman::PermissionMissingException.new(N_('some permissions were not found')) if collection.size != permissions.size
  collection
end
```

In a call for the permissions_records method, the permissions were of the format "`:view_tasks, :view_bookmarks`" (https://github.com/theforeman/foreman/blob/develop/db/seeds.d/020-roles_list.rb#L38, https://github.com/theforeman/foreman/blob/develop/lib/seed_helper.rb#L92).

This parameter caused the following stack trace

```
Foreman::PermissionMissingException: ERF73-2603 [Foreman::PermissionMissingException]: some permissions were not found
/usr/share/foreman/app/models/role.rb:288:in `permission_records'
/usr/share/foreman/app/models/role.rb:164:in `find_for_permission_removal'
/usr/share/foreman/app/models/role.rb:205:in `remove_permissions!'  
/usr/share/foreman/lib/seed_helper.rb:80:in `block in update_role_permissions'
/usr/share/foreman/app/models/role.rb:228:in `ignore_locking'
/usr/share/foreman/lib/seed_helper.rb:72:in `update_role_permissions'
/usr/share/foreman/app/models/role.rb:53:in `create_role'
/usr/share/foreman/db/seeds.d/03-roles.rb:9:in `block (3 levels) in <top (required)>'
/usr/share/foreman/db/seeds.d/03-roles.rb:8:in `each'
/usr/share/foreman/db/seeds.d/03-roles.rb:8:in `block (2 levels) in <top (required)>'
/opt/theforeman/tfm/root/usr/share/gems/gems/audited-4.4.1/lib/audited/auditor.rb:283:in `without_auditing'
/usr/share/foreman/db/seeds.d/03-roles.rb:4:in `block in <top (required)>'
/opt/theforeman/tfm/root/usr/share/gems/gems/audited-4.4.1/lib/audited/auditor.rb:283:in `without_auditing'
/usr/share/foreman/db/seeds.d/03-roles.rb:3:in `<top (required)>'
/opt/rh/rh-ror42/root/usr/share/gems/gems/activessupport-4.2.6/lib/active
```

The reason for PermissionMissingException was that "collection.size != permissions.size" while it should technically be "collection.size != permissions.flatten.size"
Related issues:
Related to Foreman - Bug #21342: Role needs to be updated if their permission... Closed

Associated revisions
Revision 6a1f0e1a - 10/28/2017 09:59 AM - Partha Aji
Fixes #21496 - Properly fetches permission records

The permission records method used to wrongly error out when the permissions were nested inside an array. Even though the permission list was returned properly the comparison to raise the PermissionMissing exception used the wrong logic.

History
#1 - 10/27/2017 08:04 PM - Partha Aji
- Bugzilla link set to 1507073

#2 - 10/27/2017 08:04 PM - Partha Aji
- Target version set to 225

#3 - 10/27/2017 08:15 PM - The Foreman Bot
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/4957 added

#4 - 10/28/2017 10:00 AM - Marek Hulán
- Legacy Backlogs Release (now unused) set to 296

#5 - 10/28/2017 10:03 AM - Marek Hulán
- Related to Bug #21342: Role needs to be updated if their permissions changed in new version added

#6 - 10/28/2017 11:01 AM - Partha Aji
- % Done changed from 0 to 100
- Status changed from Ready For Testing to Closed

Applied in changeset 6a1f0e1adcea166c15785b05989a97462f7ec9b.