Foreman - Bug #7253

unable to modify user in UI as it incorrectly states "Administrator cannot be removed from the last admin account"

08/25/2014 03:27 PM - Thomas McKay

Status:	Closed		
Priority:	Normal		
Assignee:	Dominic Cleal		
Category:	Authentication		
Target version:	1.6.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:	1133679	**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman/pull/1749		

Description

The bit of code in app/model/user.rb ensure_last_admin_remains_admin()

```
!new_record? && admin_changed? && !admin && User.unscoped.only_admin.except_hidden.size <= 1
```

evaluates (incorrectly) to true.

User.unscoped.only_admin.except_hidden.size = 1

Why is more than one admin required?

Associated revisions

Revision b8391adc - 09/09/2014 03:34 AM - Dominic Cleal

fixes #7253 - change nil admin field on users to false, matches usergroups

When the admin field was nil, admin_changed? in user model validations can
evaluate to true if the field changed from nil to false.

Revision 12ec0b1d - 09/09/2014 08:20 AM - Dominic Cleal

fixes #7253 - change nil admin field on users to false, matches usergroups

When the admin field was nil, admin_changed? in user model validations can
evaluate to true if the field changed from nil to false.

(cherry picked from commit b8391adc2f720734551c57af96a2a50b9699fb58)

History

#1 - 08/25/2014 03:35 PM - Thomas McKay

- Bugzilla link set to 1133679

#2 - 09/05/2014 08:26 AM - Dominic Cleal

- Status changed from New to Feedback

Under what conditions is this a problem? Any user? Any non-admin user? When only one admin user is present? Please provide reproducer steps.

At least one admin is required to retain administrative level access, else recovery methods are required to regain access.

#3 - 09/08/2014 12:46 PM - Thomas McKay

- Status changed from Feedback to New

I have one admin and when I edit users in the UI, it errors due to that line preventing any modification of users.

#4 - 09/08/2014 01:28 PM - Dominic Cleal

- Target version set to 1.7.4

- translation missing: en.field_release set to 22

Reproducer:

1. create a non-admin user via the API (or another means, not the UI)
2. ensure the admin field is nil, not false:

```
2.0.0-p353 :001 > User.find_by_login("wraptest5").admin?
 => false
2.0.0-p353 :002 > User.find_by_login("wraptest5").admin
 => nil
```

3. as an admin, edit the non-admin user

This means "admin_changed?" results in true as it moves from nil to false, rather than false to true as the expression was intended to catch.

```
[1] pry(#<User>)> changes
=> {"admin"=>[nil, false], ...
```

#5 - 09/08/2014 02:35 PM - Dominic Cleal

- Status changed from New to Assigned

- Assignee set to Dominic Cleal

- translation missing: en.field_release changed from 22 to 10

#6 - 09/08/2014 02:37 PM - The Foreman Bot

- Status changed from Assigned to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/1749 added

- Pull request deleted ()

#7 - 09/09/2014 04:01 AM - Dominic Cleal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset b8391adc2f720734551c57af96a2a50b9699fb58.