# Foreman - Refactor #21920

## Refactor password auditing

12/10/2017 03:46 PM - Anonymous

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | Normal | | |
| **Assignee:** | Tomer Brisker | | |
| **Category:** | Rails | | |
| **Target version:** | 1.18.0 | | |
| **Difficulty:** | | **Fixed in Releases:** | |
| **Triaged:** | | **Found in Releases:** | |
| **Bugzilla link:** | | **Red Hat JIRA:** | |
| **Pull request:** | https://github.com/theforeman/foreman/pull/5162 | | |

### Description

Starting with Rails 5.1:

```
- message: password_changed is not an attribute known to Active Record. This behavior
    is deprecated and will be removed in the next version of Rails. If you'd like
    password_changed to be managed by Active Record, add `attribute :password_changed
    to your class.
  callstack: app/models/image.rb:31:in `set_password_changed'
- message: password_changed is not an attribute known to Active Record. This behavior
    is deprecated and will be removed in the next version of Rails. If you'd like
    password_changed to be managed by Active Record, add `attribute :password_changed
    to your class.
  callstack: app/models/user.rb:527:in `set_password_changed'
```

### Related issues:

| | | |
|---|---|---|
| Related to Foreman - Bug #16850: Password change activity does not show in Au... | **Closed** | **10/10/2016** |
| Related to Foreman - Tracker #20948: Rails 5.1 upgrade tasks | **Closed** | **09/16/2017** |
| Related to Foreman - Bug #19169: CVE-2017-2672 - audit trail leaks sensitive ... | **Closed** | **04/04/2017** |
| Related to Foreman - Refactor #20116: Redact sensitive information from audit... | **New** | **06/27/2017** |
| Related to Foreman - Bug #22280: User Audits: False entry of "password change... | **New** | **01/16/2018** |
| Blocks Foreman - Tracker #21834: Rails 5.2 upgrade tasks | **Closed** | |

### Associated revisions

**Revision 59f0a945 - 01/12/2018 01:18 PM - Tomer Brisker**

Fixes #22208, #21920 - Refactor password auditing (#5162)

Recent changes in Rails 5.1 and audited gem cause our method of auditing
passwords to break. This PR refactors password auditing, so that instead
of recording a change to attribute `password_changed`, we will now
record the string `[redacted]` instead of any actual password.
The change is done currently in our audit extensions, which mean that it
will now apply to all resources that have a `password` attribute instead
of just those that have defined the workaround.
The next step will be to move this to the audited gem in a more
generalized method that can be defined in the model when initializing
audited, so that the workaround can be removed.

### History

**#1 - 12/10/2017 03:46 PM - Anonymous**

*- Related to Bug #16850: Password change activity does not show in Audit log added*

**#2 - 12/10/2017 03:46 PM - Anonymous**

*- Related to Tracker #21834: Rails 5.2 upgrade tasks added*

**#3 - 12/10/2017 03:47 PM - Anonymous**

*- Related to Tracker #20948: Rails 5.1 upgrade tasks added*

**#4 - 12/10/2017 03:47 PM - Anonymous**

*- Related to Bug #19169: CVE-2017-2672 - audit trail leaks sensitive data for Image events added*

**#5 - 12/30/2017 07:01 PM - Anonymous**

*- Related to deleted (Tracker #21834: Rails 5.2 upgrade tasks)*

**#6 - 12/30/2017 07:01 PM - Anonymous**

*- Blocks Tracker #21834: Rails 5.2 upgrade tasks added*

**#7 - 12/30/2017 07:06 PM - Anonymous**

this indeed leads to test errrors with Rails 5.1

**#8 - 12/31/2017 11:45 AM - Tomer Brisker**

*- Related to Refactor #20116: Redact sensitive information from audit logs added*

**#9 - 01/10/2018 10:51 AM - The Foreman Bot**

*- Status changed from New to Ready For Testing*

*- Assignee set to Tomer Brisker*

*- Pull request https://github.com/theforeman/foreman/pull/5162 added*

**#10 - 01/12/2018 01:19 PM - Marek Hulán**

*- translation missing: en.field_release set to 330*

**#11 - 01/12/2018 02:02 PM - Anonymous**

*- Status changed from Ready For Testing to Closed*

*- % Done changed from 0 to 100*

Applied in changeset 59f0a945defa3f70454b08a1914fc4842ab69c7e.

**#12 - 01/16/2018 10:48 AM - Marek Hulán**

*- Related to Bug #22280: User Audits: False entry of "password changed" every time a user is updated added*