Foreman - Bug #6998
Cannot rename host by API due to DHCP conflict - cannot set 'overwrite' flag
08/07/2014 07:17 PM - Aaron Stone

<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>Aaron Stone</td>
</tr>
<tr>
<td>Category:</td>
<td>API</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.6.0</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/1677">https://github.com/theforeman/foreman/pull/1677</a></td>
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<td>Triaged:</td>
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<td>Fixed in Releases:</td>
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<td>Bugzilla link:</td>
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<td>Found in Releases:</td>
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Description
Steps in UI:
In the Foreman UI, rename a host.
Foreman shows a DHCP conflict for the MAC Address to the old name.
Click the Overwrite button.

Steps in API:
Submit form to /api/hosts/hostid with content {"name": "newname"} and an APIv2 header version
Receive error message {"error"=>{"full_messages"=>["Conflict DHCP records spare-12345-macaddr/ipaddr and spare-12345-macaddr/ipaddr already exists"]} ... }
Try again with {"name": "newname", "overwrite": true}
Receive same error.

Expected:
I should be able to overwrite from the API.

This is with Foreman 1.5.1.

Associated revisions
Revision a0d231da - 08/15/2014 08:12 AM - Aaron Stone
Fixes #6998 - Accept native true for overwrite parameter to host API.

Revision 8f7d8b3c - 08/27/2014 08:02 AM - Aaron Stone
Fixes #6998 - Accept native true for overwrite parameter to host API.
(cherry picked from commit a0d231daf018694a4aec708c2d8e32e69492a84a)

History
#1 - 08/07/2014 07:18 PM - Aaron Stone
Does this commit for Foreman 1.6.0 implement overwrite? @isratrade
https://github.com/theforeman/foreman/commit/c980e9a8917cc9fdee5835732428462e22fa9f5b

#2 - 08/11/2014 03:45 AM - Dominic Cleal
- Category set to API

That commit will help if you're using an unwrapped set of JSON, i.e. it'll make {"overwrite":true, ...} work. Before it, only the wrapped version {"host":{"overwrite":true, ...}} will work.
Actually, I found that I had to set "overwrite":"true" in quotes, because of this:

https://github.com/theforeman/foreman/blob/develop/app/models/host/managed.rb#L611-614

```
# We have to coerce the value back to boolean. It is not done for us by the framework.
def overwrite=(value)
  @overwrite = value == "true"
end
```

Is there some way to put a flexible truthiness test into the API or Controller, rather than in the model?

Ah. It could be at the controller level, but it'd be much less duplication in the model - you could simply use value.to_s == "true" instead. Generally Rails does string/bool stuff at the ActiveRecord layer, which isn't applicable for a setter.

I will submit a PR shortly!

- Status changed from New to Ready For Testing
- Target version set to 1.7.5
- Pull request https://github.com/theforeman/foreman/pull/1677 added
- Pull request deleted ()

- Assignee set to Aaron Stone

- Legacy Backlogs Release (now unused) set to 10

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset a0d231daf018694a4aec708c2d8a32e69492a84a.