**Foreman - Bug #33732**

**The default password in settings is not encoded**

10/19/2021 04:34 PM - Richard Stempfl

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>High</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Bernhard Suttner</td>
</tr>
<tr>
<td>Category:</td>
<td>API</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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<tr>
<td>Difficulty:</td>
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<tr>
<td>Triaged:</td>
<td>No</td>
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<td>Bugzilla link:</td>
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<tr>
<td>Pull request:</td>
<td><a href="https://github.com/theforeman/foreman/pull/8878">https://github.com/theforeman/foreman/pull/8878</a></td>
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<tr>
<td>Fixed in Releases:</td>
<td>3.1.0</td>
</tr>
<tr>
<td>Found in Releases:</td>
<td>2.3.5</td>
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</tbody>
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**Description**

If i want to deploy a host via api the default password set in settings is not encoded in the template. In the operating system i've set base64-windows as root password hash for my hosts, but it gets ignored when i use the api to deploy hosts. If i use the webgui it works fine.

**Related issues:**

- Related to Foreman - Bug #33811: Reprovisioning a host using new HostGroup do... Closed
- Related to Foreman - Refactor #34289: Remove workaround for root_password enc... Closed

**Associated revisions**

Revision 6f076d5d - 11/04/2021 08:23 AM - Bernhard Suttner

Fixes #33732 - Make sure base64 encoding is done when creating a host via API

**History**

#1 - 10/25/2021 03:35 PM - Richard Stempfl

To better describe the error:

I have set a default password in the settings that will be used for new hosts. I have set a password hash (Base64-windows) in the relevant OS (Windows). When creating a host with this OS and the default password from the settings, the template for this host does not have a encoded password the password is in plain text. (Should be Base64-windows encoded)

The vm can not be installed completely with this because this OS expects a password encoded

This happens only if i create a host via api. (hammer & FAM & CURL)

If you go to "preview template" the rendered template shows:

```xml
<AdministratorPassword>
  <Value>PLAIN_TEXT_PASSWORD</Value>
  <PlainText>false</PlainText>
</AdministratorPassword>
```
If you start a 'foreman-rake console' and analyze the root_pass.

Host created via GUI:
```ruby
irb(main):008:0> gui_h.root_pass
=> "CCAGkAeBBhAHQAaQG4AEEAZABiZGkAbgBpAHM3dAByAGEAdABvAHlAUABAAMAcwBEAG8AcgXkAC=="
```

Host created via API (hammer):
```ruby
irb(main):009:0> api_h.root_pass
=> "plainpw"
```

In case of API creation of host:

Found out that root_pass_changed? method is false and therefore the method password_base64_encrypted? returns true -> password is already base64.

I would prefer to determine if string is base64 but this is not save - except we mark base64 encoded passwords with something like <b64> in the root_pass.

- Assignee set to Bernhard Suttner
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8878 added

- Fixed in Releases 3.1.0 added

- Status changed from Ready For Testing to Closed

Applied in changeset foreman|6f076d5d6dcad5b89875c5a291ce8d0d014e386e.

- Related to Bug #33811: Reprovisioning a host using new HostGroup does not inherit root password from the new HostGroup added

- Related to Refactor #34289: Remove workaround for root_password encoding added