

## Foreman - Bug #13107

### Compute attributes are stored without indifferent access

01/11/2016 05:27 AM - Lukas Zapletal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Lukas Zapletal	
<b>Category:</b> Compute resources	
<b>Target version:</b> 1.11.0	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b> Nightly
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b> <a href="https://github.com/theforeman/foreman/pull/3051">https://github.com/theforeman/foreman/pull/3051</a>	
<b>Description</b>	
Instead of nice error, we error out with:	
Failed to login via SSH to xxx: undefined method `username' for nil:NilClass	
I think in this case when image was not selected, we should simply skip ssh provisioning. Another option is to raise an error.	

#### Associated revisions

##### Revision 65b6d7c4 - 01/25/2016 08:42 AM - Lukas Zapletal

Fixes #13107 - compute attributes has indifferent access again

During upgrade to Rails 4.1, our host#create code no longer sends attributes into the ActiveRecord create/new initializers with indifferent access. One of these attributes, `compute\_attributes` then does not work breaking provisioning completely.

#### History

##### #1 - 01/11/2016 05:42 AM - Lukas Zapletal

Oh it looks like this error triggers always, even if you select an image. Testing with OS.

##### #2 - 01/11/2016 05:58 AM - Lukas Zapletal

Looks like the image gets stored properly (image\_ref) but the ssh\_provision orchestrator is returned nil:

```
2016-01-11T11:51:14 [app] [I] Parameters: {"utf8"=>"", "authenticity_token"=>"xxxx+BtOzp0938g=", "host"=>{"name"=>"lzap-test-04", "organization_id"=>"3", "location_id"=>"1", "hostgroup_id"=>"7", "compute_resource_id"=>"5", "puppetclass_ids"=>[""], "managed"=>"true", "progress_report_id"=>[FILTERED], "type"=>"Host::Managed", "interfaces_attributes"=>{"0"=>{"_destroy"=>"0", "type"=>"Nic::Managed", "mac"=>"", "identifier"=>"", "name"=>"lzap-test-04", "domain_id"=>"1", "subnet_id"=>"1", "ip"=>"192.168.122.20", "managed"=>"1", "primary"=>"1", "provision"=>"1", "virtual"=>"0", "tag"=>"", "attached_to"=>""}}, "compute_attributes"=>{"flavor_ref"=>"83098b08-7339-4089-bc07-3f2a14b7a4c1", "availability_zone"=>"", "tenant_id"=>"2f58867f4fa54a09a266b26ef410d313", "security_groups"=>"lzap-group", "nics"=>[""], "network"=>"osl_internal", "boot_from_volume"=>"false", "size_gb"=>"", "image_ref"=>"2695dbd9-e1b1-47a8-9ac3-4e8854aa55aa"}, "architecture_id"=>"1", "operatingsystem_id"=>"5", "provision_method"=>"image", "build"=>"1", "disk"=>"", "root_pass"=>[FILTERED], "is_owned_by"=>"1-Users", "enabled"=>"1", "model_id"=>"", "comment"=>"", "overwrite"=>"false"}, "capabilities"=>"image", "provider"=>"Opensack", "bare_metal_capabilities"=>"build"}
```

Host -> Image reference does not get updated properly.

##### #3 - 01/11/2016 05:59 AM - Lukas Zapletal

- Subject changed from *When image is not selected, ssh provisioning fails to Image reference is not stored, ssh provisioning fails*

##### #4 - 01/11/2016 06:02 AM - Lukas Zapletal

It looks like again, hash with symbol vs string in my case:

```
[8] pry(#<Host::Managed>)> compute_attributes
```

```
=> {"flavor_ref"=>"83098b08-7339-4089-bc07-3f2a14b7a4c1",
    "availability_zone"=>"",
    "tenant_id"=>"2f58867f4fa54a09a266b26ef410d313",
    "security_groups"=>"lzap-group",
    "nics"=>[""],
    "network"=>"osl_internal",
    "boot_from_volume"=>"false",
    "size_gb"=>"",
    "image_ref"=>"2695dbd9-e1b1-47a8-9ac3-4e8854aa55aa",
    "interfaces_attributes"=>{"0"=>{}}}
[9] pry(#<Host::Managed>)> compute_attributes[:image_ref]
=> nil
```

#### #5 - 01/11/2016 07:55 AM - Lukas Zapletal

- Subject changed from Image reference is not stored, ssh provisioning fails to Compute attributes are stored without indifferent access

So this is all about indifferent access, looks like the attribute is somehow converted back to regular hash, which breaks our code.

#### #6 - 01/11/2016 07:57 AM - Dominic Cleal

- translation missing: en.field\_release set to 71

#### #7 - 01/11/2016 08:05 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Lukas Zapletal

- Pull request <https://github.com/theforeman/foreman/pull/3051> added

#### #8 - 01/25/2016 09:09 AM - Lukas Zapletal

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [65b6d7c402143e1f96182d6bfd4815cbc4bbb502](#).