

Foreman - Bug #12946

When the creation of new virtual instance (compute) fails at the "Set up compute instance" stage, we get "TypeError: can't convert nil into String" instead of the underlying error

12/28/2015 05:57 AM - Imri Zvik

Status: Closed	
Priority: Normal	
Assignee: Imri Zvik	
Category: Compute resources	
Target version: 1.10.1	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.9.3
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/3006	
Description	
<pre>2015-12-28 04:18:54 [app] [W] Action failed TypeError: can't convert nil into String /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.32.0/lib/fog/openstack/models/compute/server.rb: 87:in `pack' /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.32.0/lib/fog/openstack/models/compute/server.rb: 87:in `user_data=' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/attributes.rb:118:in `blo ck in merge_attributes' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/attributes.rb:113:in `eac h_pair' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/attributes.rb:113:in `mer ge_attributes' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/model.rb:20:in `initializ e' /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.32.0/lib/fog/openstack/models/compute/server.rb: 67:in `initialize' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/collection.rb:89:in `new' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.32.0/lib/fog/core/collection.rb:89:in `new' /usr/share/foreman/app/models/compute_resource.rb:123:in `new_vm' /usr/share/foreman/app/models/concerns/orchestration/compute.rb:24:in `compute_object' /usr/share/foreman/app/views/hosts/_compute.html.erb:1:in `_app_views_hosts__compute_html_erb__ 2860077454053786827_70025660232560'</pre>	
The real error is:	
<pre>2015-12-28 04:18:50 [app] [W] Failed to create a compute Openstack_Jenkins (OpenStack) instance st gweb811.example.com: Expected([200, 202]) <=> Actual(403 Forbidden) excon.error.response :body => "{\"forbidden\": {\"message\": \"Quota exceeded for instances: Requested 1, but already used 14 of 14 instances\", \"code\": 403}}\" :headers => { \"Content-Length\" => \"121\" \"Content-Type\" => \"application/json; charset=UTF-8\" \"Date\" => \"Mon, 28 Dec 2015 10:18:49 GMT\" \"Retry-After\" => \"0\" \"X-Compute-Request-Id\" => \"req-7f2a68d3-fd96-47ee-bd4b-8e7808ca1de5\" } :local_address => \"10.84.10.74\" :local_port => 40189 :reason_phrase => \"Forbidden\" :remote_ip => \"10.84.8.217\" :status => 403 :status_line => \"HTTP/1.1 403 Forbidden\r\n\"</pre>	

```
|
|
| RuntimeError: Expected([200, 202]) <=> Actual(403 Forbidden)
| excon.error.response
|   :body      => "{\"forbidden\": {\"message\": \"Quota exceeded for instances: Requested 1,
but already used 14 of 14 instances\", \"code\": 403}}\"
|   :headers   => {
|     \"Content-Length\"    => \"121\"
|     \"Content-Type\"      => \"application/json; charset=UTF-8\"
|     \"Date\"              => \"Mon, 28 Dec 2015 10:18:49 GMT\"
|     \"Retry-After\"       => \"0\"
|     \"X-Compute-Request-Id\" => \"req-7f2a68d3-fd96-47ee-bd4b-8e7808calde5\"
|   }
|   :local_address => \"10.84.10.74\"
|   :local_port    => 40189
|   :reason_phrase => \"Forbidden\"
|   :remote_ip     => \"10.84.8.217\"
|   :status        => 403
|   :status_line   => \"HTTP/1.1 403 Forbidden\r\n\"
|
| /usr/share/foreman/app/models/compute_resources/foreman/model/openstack.rb:93:in `rescue in cre
ate_vm'
| /usr/share/foreman/app/models/compute_resources/foreman/model/openstack.rb:77:in `create_vm'
| /usr/share/foreman/app/models/concerns/orchestration/compute.rb:76:in `setCompute'
| /usr/share/foreman/app/models/concerns/orchestration.rb:152:in `execute'
| /usr/share/foreman/app/models/concerns/orchestration.rb:97:in `block in process'
| /usr/share/foreman/app/models/concerns/orchestration.rb:89:in `each'
| /usr/share/foreman/app/models/concerns/orchestration.rb:89:in `process'
| /usr/share/foreman/app/models/concerns/orchestration.rb:19:in `on_save'
```

Associated revisions

Revision 3ce9810b - 01/12/2016 05:13 AM - Imri Zvik

Fixes #12946 - Do not fail miserably when compute instance is not found.

Revision cce9172b - 01/19/2016 09:18 AM - Imri Zvik

Fixes #12946 - Do not fail miserably when compute instance is not found.

(cherry picked from commit 3ce9810bc26e49a11ba6bc978deaf5520311efc8)

History

#1 - 12/28/2015 06:04 AM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Imri Zvik
- Pull request <https://github.com/theforeman/foreman/pull/3006> added

#2 - 12/28/2015 08:05 AM - Imri Zvik

The root cause of the first exception (TypeError: can't convert nil into String), is that the delUserData method (the rollback method) did not remove the :user_data attribute, but set it to nil instead. We should remove it instead.

#3 - 01/12/2016 06:03 AM - Imri Zvik

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

Applied in changeset [3ce9810bc26e49a11ba6bc978deaf5520311efc8](#).

#4 - 01/12/2016 06:07 AM - Dominic Cleal

- translation missing: en.field_release set to 104