

Foreman - Bug #4417

Editing Compute Resource breaks host creation

02/23/2014 09:32 AM - Daniel Lobato Garcia

| | | |
|------------------------|-------------------|---------------------------|
| Status: | New | |
| Priority: | Normal | |
| Assignee: | | |
| Category: | Compute resources | |
| Target version: | | |
| Difficulty: | | Fixed in Releases: |
| Triaged: | | Found in Releases: |
| Bugzilla link: | | Red Hat JIRA: |
| Pull request: | | |

Description

Only tested on Openstack.

When an existing compute resource is edited, the Openstack key pair is still stored in Foreman for the old compute resource. Hence, since the key pair does not exist in the new edited compute resource, host creation fails with an ugly 500 "string cannot be nil" when actually the log says what is actually going on " Invalid key_name provided."

```
Started POST "/hosts" for 127.0.0.1 at 2014-02-23 10:27:36 +0100
```

```
Processing by HostsController#create as */*
```

```
Parameters: {"utf8"=>"[]", "authenticity_token"=>"+3dyCyDKUGpJIETENaYlkhgbVU2bdlg0M+XqY2a8/08=", "host"=>{"name"=>"aaaaa", "hostgroup_id"=>"", "compute_resource_id"=>"24", "environment_id"=>"16", "puppet_proxy_id"=>"", "puppetclass_ids"=>[""], "managed"=>"true", "progress_report_id"=>"[FILTERED]", "type"=>"Host::Managed", "compute_attributes"=>{"flavor_ref"=>"1", "tenant_id"=>"ebfc00c9ef80421380542aec08b0a156", "security_group"=>"", "network"=>"", "image_ref"=>"9e2378a0-d5c8-499d-9482-c2f361eda7d6"}, "mac"=>"", "domain_id"=>"2", "ip"=>"", "interfaces_attributes"=>{"new_interfaces"=>{"_destroy"=>"false", "type"=>"Nic::Managed", "mac"=>"", "name"=>"", "domain_id"=>"", "ip"=>"", "provider"=>"IPMI"}}, "architecture_id"=>"1", "operatingsystem_id"=>"17", "provision_method"=>"image", "build"=>"1", "medium_id"=>"2", "ptable_id"=>"", "disk"=>"", "root_pass"=>"[FILTERED]", "is_owned_by"=>"", "enabled"=>"1", "model_id"=>"", "comment"=>"", "overwrite"=>"false"}, "capabilities"=>"image"}
```

```
Rendering UserData template for aaaaa.localdomain
```

```
Revoked old certificates and enabled autosign for UserData
```

```
Adding Compute instance for aaaaa.localdomain
```

```
failed to create vm: Invalid key_name provided.
```

```
Failed to create a compute openstackhome (OpenStack) instance aaaaa.localdomain: Invalid key_name provided.
```

```
/home/daniel/workspace/foreman/cleanforeman/app/models/compute_resources/foreman/model/openstack.rb:64:in `rescue in create_vm'  
/home/daniel/workspace/foreman/cleanforeman/app/models/compute_resources/foreman/model/openstack.rb:53:in `create_vm'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration/compute.rb:62:in `setCompute'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration.rb:148:in `execute'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration.rb:88:in `block in process'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration.rb:80:in `each'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration.rb:80:in `process'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/orchestration.rb:18:in `on_save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:638:in `_run__2230364410368124623__save__2120439120557390228__callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:405:in `__run_callback'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:385:in `_run_save_callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:81:in `run_callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/callbacks.rb:264
```

```
:in `create_or_update'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/persistence.rb:8  
4:in `save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/validations.rb:5  
0:in `save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/attribute_method  
s/dirty.rb:22:in `save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
259:in `block (2 levels) in save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
313:in `block in with_transaction_returning_status'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/connection_adapt  
ers/abstract/database_statements.rb:192:in `transaction'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
208:in `transaction'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
311:in `with_transaction_returning_status'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
259:in `block in save'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
270:in `rollback_active_record_state!'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/transactions.rb:  
258:in `save'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/foreman/sti.rb:29:in `save_with_ty  
pe'  
/home/daniel/workspace/foreman/cleanforeman/app/controllers/hosts_controller.rb:95:in `create'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/implicit  
_render.rb:4:in `send_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/abstract_controller/base.rb:167:  
in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/renderin  
g.rb:10:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/abstract_controller/callbacks.rb  
:18:in `block in process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:5  
27:in `block (3 levels) in _run__2880236789093410755__process_action__840605431410591841__callback  
s'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
15:in `block in _conditional_callback_around_5690'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:3  
26:in `around'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:3  
10:in `_callback_around_837'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
14:in `_conditional_callback_around_5690'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:5  
26:in `block (2 levels) in _run__2880236789093410755__process_action__840605431410591841__callback  
s'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
15:in `block in _conditional_callback_around_5689'  
/home/daniel/workspace/foreman/cleanforeman/app/models/concerns/foreman/thread_session.rb:33:in `c  
lear_thread'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
14:in `_conditional_callback_around_5689'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:4  
15:in `block in _run__2880236789093410755__process_action__840605431410591841__callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
15:in `block in _conditional_callback_around_5688'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:3  
26:in `around'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:3  
10:in `_callback_around_13'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:2  
14:in `_conditional_callback_around_5688'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:4  
14:in `_run__2880236789093410755__process_action__840605431410591841__callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:4
```

```
05:in `__run_callback'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activessupport-3.2.16/lib/active_support/callbacks.rb:3  
85:in `_run_process_action_callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activessupport-3.2.16/lib/active_support/callbacks.rb:8  
1:in `run_callbacks'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/abstract_controller/callbacks.rb  
:17:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/rescue.r  
b:29:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/instrume  
ntation.rb:30:in `block in process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activessupport-3.2.16/lib/active_support/notifications.  
rb:123:in `block in instrument'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activessupport-3.2.16/lib/active_support/notifications/  
instrumenter.rb:20:in `instrument'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activessupport-3.2.16/lib/active_support/notifications.  
rb:123:in `instrument'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/instrume  
ntation.rb:29:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/params_w  
rapper.rb:207:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/railties/control  
ler_runtime.rb:18:in `process_action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/abstract_controller/base.rb:121:  
in `process'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/abstract_controller/rendering.rb  
:45:in `process'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal.rb:203:i  
n `dispatch'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal/rack_del  
egation.rb:14:in `dispatch'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_controller/metal.rb:246:i  
n `block in action'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/routing/route_se  
t.rb:73:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/routing/route_se  
t.rb:73:in `dispatch'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/routing/route_se  
t.rb:36:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in ca  
ll'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/routing/route_se  
t.rb:608:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/apipie-rails-0.0.24/lib/apipie/static_dispatcher.rb:65  
:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-openid-1.4.2/lib/rack/openid.rb:98:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/best_  
standards_support.rb:17:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/etag.rb:23:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/conditionalget.rb:35:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/head.  
rb:14:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/param  
s_parser.rb:21:in `call'  
/home/daniel/workspace/foreman/cleanforeman/lib/middleware/catch_json_parse_errors.rb:9:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/flash  
.rb:242:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:210:in `con  
text'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:205:in `cal  
l'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/cooki  
es.rb:341:in `call'  
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/query_cache.rb:6  
4:in `call'
```

```
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activerecord-3.2.16/lib/active_record/connection_adapters/abstract/connection_pool.rb:479:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:405:in `_run__2653290797337772252__call__2120439120557390228__callbacks'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:405:in `__run_callback'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:385:in `_run_call_callbacks'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/callbacks.rb:81:in `run_callbacks'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/callbacks.rb:27:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/remote_ip.rb:31:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/debug_exceptions.rb:16:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/show_exceptions.rb:56:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/rack/logger.rb:32:in `call_app'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/rack/logger.rb:16:in `block in call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/tagged_logging.rb:22:in `tagged'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/rack/logger.rb:16:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/request_id.rb:22:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/methodoverride.rb:21:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/runtime.rb:17:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/activesupport-3.2.16/lib/active_support/cache/strategy/local_cache.rb:72:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/lock.rb:15:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/actionpack-3.2.16/lib/action_dispatch/middleware/static.rb:63:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/engine.rb:484:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/application.rb:231:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/railtie/configurable.rb:30:in `method_missing'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/builder.rb:134:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/urlmap.rb:64:in `block in call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `each'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/content_length.rb:14:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/rack/debugger.rb:20:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/railties-3.2.16/lib/rails/rack/log_tailer.rb:17:in `call'
/home/daniel/.rvm/gems/ruby-1.9.3-p327/gems/rack-1.4.5/lib/rack/handler/webrick.rb:59:in `service'
/home/daniel/.rvm/rubies/ruby-1.9.3-p327/lib/ruby/1.9.1/webrick/httpserver.rb:138:in `service'
/home/daniel/.rvm/rubies/ruby-1.9.3-p327/lib/ruby/1.9.1/webrick/httpserver.rb:94:in `run'
/home/daniel/.rvm/rubies/ruby-1.9.3-p327/lib/ruby/1.9.1/webrick/server.rb:191:in `block in start_thread'
Rolling back due to a problem: [Set up compute instance aaaa.localdomain 2 failed [#<Host::Managed id: nil, name: "aaaa.localdomain", ip: nil, last_compile: nil, last_freshcheck: nil, last_report: nil, updated_at: nil, source_file_id: nil, created_at: nil, mac: nil, root_pass: "$1$fD23ZM0b$NvlucYthcelJ0wrNSzfAB0", serial: nil, puppet_status: 0, domain_id: 2, architecture_id: 1, operatingsystem_id: 17, environment_id: 16, subnet_id: nil, ptable_id: nil, medium_id: 2, build: true, comment: "", disk: "", installed_at: nil, model_id: nil, hostgroup_id: nil, owner_id: nil,
```

```
owner_type: nil, enabled: true, puppet_ca_proxy_id: nil, managed: true, use_image: nil, image_file: nil, uuid: nil, compute_resource_id: 24, puppet_proxy_id: nil, certname: nil, image_id: 4, organization_id: nil, location_id: nil, type: "Host::Managed", compute_profile_id: nil>, :setCompute]]
Failed to save: Failed to create a compute openstackhome (OpenStack) instance aaaaa.localdomain: Invalid key_name provided.
```

Related issues:

Related to Foreman - Bug #1682: EC2: SSH key pair generation

New

06/13/2012

History

#1 - 09/26/2014 07:27 AM - Dominic Cleal

- Related to Bug #1682: EC2: SSH key pair generation added