

Foreman - Bug #10150

1.8 RC3 deploy new host on openstack fails

04/15/2015 11:17 PM - Andrew Lau

Status:	New	
Priority:	Normal	
Assignee:		
Category:	Compute resources - OpenStack	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.8.0
Bugzilla link:		Red Hat JIRA:
Pull request:		
Description		
<p>Deploying new hosts with foreman 1.8 RC3 fails with error undefined method `[]' for nil:NilClass. 1.7.2 works without issue. Log of error below:</p>		
<pre>Started GET "/tasks/ac18f286-813a-4816-aa0f-349fd74f550c" for x.x.x.x at 2015-04-16 12:57:47 +1000 2015-04-16 12:57:47 [I] Processing by TasksController#show as */* 2015-04-16 12:57:47 [I] Parameters: {"id"=>"ac18f286-813a-4816-aa0f-349fd74f550c"} 2015-04-16 12:57:47 [I] Rendered tasks/_list.html.erb (1.5ms) 2015-04-16 12:57:47 [I] Completed 200 OK in 27ms (Views: 5.4ms ActiveRecord: 2.3ms) 2015-04-16 12:57:47 [I] Successfully decrypted field for Foreman::Model::Openstack openstacktest 2015-04-16 12:57:48 [W] failed to create vm: undefined method `[]' for nil:NilClass 2015-04-16 12:57:48 [I] Successfully decrypted field for Foreman::Model::Openstack openstacktest 2015-04-16 12:57:49 [W] Failed to create a compute openstacktest (OpenStack) instance test.prod.example.net: undefined method `[]' for nil:NilClass /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.28.0/lib/fog/openstack/core.rb:156:in `authenticate_v2' /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.28.0/lib/fog/openstack/volume.rb:202:in `authenticate' /opt/rh/ruby193/root/usr/share/gems/gems/fog-1.28.0/lib/fog/openstack/volume.rb:135:in `initialize' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.29.0/lib/fog/core/service.rb:115:in `new' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.29.0/lib/fog/core/service.rb:115:in `new' /opt/rh/ruby193/root/usr/share/gems/gems/fog-core-1.29.0/lib/fog/volume.rb:12:in `new' /usr/share/foreman/app/models/compute_resources/foreman/model/openstack.rb:151:in `volume_client' /usr/share/foreman/app/models/compute_resources/foreman/model/openstack.rb:92:in `rescue in create_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:141:in `execute' /usr/share/foreman/app/models/concerns/orchestration.rb:86:in `block in process' /usr/share/foreman/app/models/concerns/orchestration.rb:78:in `each' /usr/share/foreman/app/models/concerns/orchestration.rb:78:in `process' /usr/share/foreman/app/models/concerns/orchestration.rb:19:in `on_save' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_support/callbacks.rb:649:in `_run__784696469589711188__save__3581680260816622743__callbacks' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_support/callbacks.rb:405:in `__run_callback' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_support/callbacks.rb:385:in `__run_save_callbacks' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/callbacks.rb:264:in `create_or_update' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/persistence.rb:84:in `save' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/validations.rb:50:in `save' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/attribute_methods/dirty.rb:22:in `save' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:241:in `block (2 levels) in save' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:295:in `block in with_transaction_returning_status' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/database_statements.rb :192:in `transaction' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:208:in `transaction' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:293:in `with_transaction_returning_status' /opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:241:in `block in save'</pre>		

/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:252:in `rollback_active_record_state!'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/transactions.rb:240:in `save'
/usr/share/foreman/app/models/concerns/foreman/sti.rb:29:in `save_with_type'
/usr/share/foreman/app/controllers/hosts_controller.rb:83:in `create'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/implicit_render.rb:4:in `send_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract_controller/base.rb:167:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/rendering.rb:10:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract_controller/callbacks.rb:18:in `block in process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:627:in `block (4 levels) in run__2265769318468234249__process_action__498600753636431573__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:215:in `block in conditional_callback_around_7389'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:326:in `around'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:310:in `_callback_around_1629'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:214:in `_conditional_callback_around_7389'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:626:in `block (3 levels) in run__2265769318468234249__process_action__498600753636431573__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:215:in `block in conditional_callback_around_7388'
/usr/share/foreman/app/controllers/concerns/application_shared.rb:13:in `set_timezone'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:214:in `_conditional_callback_around_7388'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:625:in `block (2 levels) in run__2265769318468234249__process_action__498600753636431573__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:215:in `block in conditional_callback_around_7387'
/usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:214:in `_conditional_callback_around_7387'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:448:in `block in run__2265769318468234249__process_action__498600753636431573__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:215:in `block in conditional_callback_around_7386'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:326:in `around'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:310:in `_callback_around_13'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:214:in `_conditional_callback_around_7386'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:414:in `_run__2265769318468234249__process_action__498600753636431573__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `__run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_process_action_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract_controller/callbacks.rb:17:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/rescue.rb:29:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/instrumentation.rb:30:in `block in process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/notifications.rb:123:in `block in instrument'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/notifications/instrumenter.rb:20:in `instrument'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/notifications.rb:123:in `instrument'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/instrumentation.rb:29:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/params_wrapper.rb:207:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/railties/controller_runtime.rb:18:in `process_action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract_controller/base.rb:121:in `process'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/abstract_controller/rendering.rb:45:in `process'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal.rb:203:in `dispatch'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal/rack_delegation.rb:14:in `dispatch'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_controller/metal.rb:246:in `block in action'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/routing/route_set.rb:73:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/routing/route_set.rb:73:in `dispatch'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/routing/route_set.rb:36:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in call'
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/routing/route_set.rb:600:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/apipie-rails-0.2.6/lib/apipie/static_dispatcher.rb:65:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/apipie-rails-0.2.6/lib/apipie/extractor/recorder.rb:97:in `call'

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/opt/rh/ruby193/root/usr/share/gems/gems/apipie-rails-0.2.6/lib/apipie/middleware/checksum_in_headers.rb:27:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/best_standards_support.rb:17:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/etag.rb:23:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/conditionalget.rb:35:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/head.rb:14:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/params_parser.rb:21:in `call'
/usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:9:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/flash.rb:242:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/session/abstract/id.rb:205:in `context'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/session/abstract/id.rb:200:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/cookies.rb:339:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/query_cache.rb:64:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/activerecord-3.2.8/lib/active_record/connection_adapters/abstract/connection_pool.rb:473:
in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/callbacks.rb:28:in `block in call'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in
`_run__197990309473168388__call__3581680260816622743__callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:405:in `_run_callback'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:385:in `_run_call_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/callbacks.rb:81:in `_run_callbacks'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/callbacks.rb:27:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/remote_ip.rb:31:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/debug_exceptions.rb:16:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/show_exceptions.rb:56:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/rack/logger.rb:26:in `call_app'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/rack/logger.rb:16:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/request_id.rb:22:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/methodoverride.rb:21:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/runtime.rb:17:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/activesupport-3.2.8/lib/active_support/cache/strategy/local_cache.rb:72:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/lock.rb:15:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/actionpack-3.2.8/lib/action_dispatch/middleware/static.rb:62:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/engine.rb:479:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/application.rb:223:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/railties-3.2.8/lib/rails/railtie/configurable.rb:30:in `method_missing'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/builder.rb:134:in `call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:64:in `block in call'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:49:in `each'
/opt/rh/ruby193/root/usr/share/gems/gems/rack-1.4.1/lib/rack/urlmap.rb:49:in `call'
/usr/share/gems/gems/passenger-4.0.18/lib/phusion_passenger/rack/thread_handler_extension.rb:77:in `process_request'
/usr/share/gems/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_handler.rb:140:in
`accept_and_process_next_request'
/usr/share/gems/gems/passenger-4.0.18/lib/phusion_passenger/request_handler/thread_handler.rb:108:in `main_loop'
/usr/share/gems/gems/passenger-4.0.18/lib/phusion_passenger/request_handler.rb:441:in `block (3 levels) in start_threads'
2015-04-16 12:57:49 [W] Rolling back due to a problem: [Set up compute instance test.prod.example.net 2 failed
[#<Host::Managed id: nil, name: "test.prod.example.net", last_compile: nil, last_freshcheck: nil, last_report: nil, updated_at: nil,
source_file_id: nil, created_at: nil, root_pass: "$1$anCJIo+I$IXG8/99wRSZH/xkOEpvw1", serial: nil, puppet_status: 0,
architecture_id: 1, operatingsystem_id: 2, environment_id: 1, ptable_id: nil, medium_id: nil, build: true, comment: "", disk: "",
installed_at: nil, model_id: nil, hostgroup_id: 5, owner_id: 4, owner_type: "User", enabled: true, puppet_ca_proxy_id: 1, managed:
true, use_image: nil, image_file: nil, uuid: nil, compute_resource_id: 2, puppet_proxy_id: 1, certname: nil, image_id: 3,
organization_id: 3, location_id: 2, type: "Host::Managed", otp: nil, realm_id: nil, compute_profile_id: nil, provision_method: "image",
grub_pass: "$1$9KTRkvi$aWbrvSPtHIMyi3NZvEpx/">, :setCompute]]
2015-04-16 12:57:49 [I] Failed to save: Failed to create a compute openstacktest (OpenStack) instance test.prod.example.net:
undefined method `[]' for nil:NilClass

2015-04-16 12:57:49 [I] Rendered hosts/_progress.html.erb (0.2ms)
2015-04-16 12:57:49 [I]

```

Related issues:

Related to Foreman - Bug #4521: Openstack boot from volume

Closed

03/03/2014

History

#1 - 04/20/2015 04:43 AM - Dominic Cleal

- Related to Bug #4521: Openstack boot from volume added

#2 - 04/20/2015 04:44 AM - Dominic Cleal

- Project changed from Plugins to Foreman

- Category set to Compute resources - OpenStack

This appears to be in the "boot from volume" option recently added in [#4521](#), as a (poor) workaround you can untick this when creating the host and it should avoid this code.