Foreman - Bug #3606

Fog error: InternalError with Foreman 1.3

11/08/2013 02:09 AM - Gerard Ryan

Status:	Resolved		
Priority:	Normal		
Assignee:			
Category:	Compute resources - EC2		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

I've not been able to spin up new VMs in EC2 using Foreman 1.3. My system is Ubuntu 12.04 LTS in EC2 and foreman was installed via the installer. The create host feature worked priot to upgrading to 1.3.

When I try to create a host I get the following error:

Fog error: InternalError => An internal error has occurred
/usr/share/foreman/vendor/ruby/1.8/gems/excon-0.28.0/lib/excon/middlewares/expects.rb:10:in `response_call'
/usr/share/foreman/vendor/ruby/1.8/gems/excon-0.28.0/lib/excon/middlewares/response_parser.rb:8:in `response_call'
/usr/share/foreman/vendor/ruby/1.8/gems/excon-0.28.0/lib/excon/connection.rb:361:in `response'
/usr/share/foreman/vendor/ruby/1.8/gems/excon-0.28.0/lib/excon/connection.rb:254:in `request'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/xml/sax_parser_connection.rb:36:in `request'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/core/deprecated/connection.rb:18:in `request'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/aws/compute.rb:434:in `_request'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/aws/compute.rb:429:in `request'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/aws/requests/compute/run_instances.rb:121:in `run_instances'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/aws/models/compute/server.rb:194:in `save'
/usr/share/foreman/vendor/ruby/1.8/gems/fog-1.18.0/lib/fog/core/collection.rb:52:in `create'
/usr/share/foreman/app/models/compute_resource.rb:126:in `create_vm'
/usr/share/foreman/app/models/compute_resources/foreman/model/ec2.rb:45:in `create_vm'
/usr/share/foreman/app/models/concerns/orchestration/compute.rb:57:in `setCompute'
/usr/share/foreman/app/models/concerns/orchestration.rb:148:in `send'
/usr/share/foreman/app/models/concerns/orchestration.rb:148:in `execute'
/usr/share/foreman/app/models/concerns/orchestration.rb:88:in `process'
/usr/share/foreman/app/models/concerns/orchestration.rb:80:in `each'
/usr/share/foreman/app/models/concerns/orchestration.rb:80:in `process'
/usr/share/foreman/app/models/concerns/orchestration.rb:18:in `on_save'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:627:in `_run__316199885__save__4__c$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `__run_callback'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:385:in `_run_save_callbacks'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `run_callbacks'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/callbacks.rb:264:in `create_or_update'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/persistence.rb:84:in `save'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/validations.rb:50:in `save'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/attribute_methods/dirty.rb:22:in `save'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:259:in `save_without_type'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:313:in `with_transaction_returning$
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/connection_adapters/abstract/database_statements.r$
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:208:in `transaction'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:311:in `with_transaction_returning$
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:259:in `save_without_type'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:270:in `rollback_active_record_sta$
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/transactions.rb:258:in `save_without_type'

```
/usr/share/foreman/app/models/concerns/foreman/sti.rb:29:in `save'
/usr/share/foreman/app/controllers/hosts_controller.rb:85:in `create'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/implicit_render.rb:4:in `send_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/implicit_render.rb:4:in `send_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/abstract_controller/base.rb:167:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/rendering.rb:10:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/abstract_controller/callbacks.rb:18:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:527:in
`_run__27127587__process_act$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:215:in `_conditional_callback_aroun$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:326:in `around'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:310:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:310:in `_callback_around_743'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:214:in `_conditional_callback_aroun$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:526:in
`_run__27127587__process_act$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:215:in `_conditional_callback_aroun$
/usr/share/foreman/app/models/concerns/foreman/thread_session.rb:33:in `clear_thread'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:214:in `_conditional_callback_aroun$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:415:in
`_run__27127587__process_act$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:215:in `_conditional_callback_aroun$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:326:in `around'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:310:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:310:in `_callback_around_13'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:214:in `_conditional_callback_aroun$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:414:in
`_run__27127587__process_act$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `__run_callback'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:385:in `_run_process_action_callbac$
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `run_callbacks'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/abstract_controller/callbacks.rb:17:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/rescue.rb:29:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/instrumentation.rb:30:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/notifications.rb:123:in `instrument'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/notifications/instrumenter.rb:20:in `instrument'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/notifications.rb:123:in `instrument'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/instrumentation.rb:29:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/params_wrapper.rb:207:in `process_action'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/railties/controller_runtime.rb:18:in `process_acti$
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/abstract_controller/base.rb:121:in `process'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/abstract_controller/rendering.rb:45:in `process'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal.rb:203:in `dispatch'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal/rack_delegation.rb:14:in `dispatch'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_controller/metal.rb:246:in `action'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/routing/route_set.rb:73:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/routing/route_set.rb:73:in `dispatch'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/routing/route_set.rb:36:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/journey-1.0.4/lib/journey/router.rb:68:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'
/usr/share/foreman/vendor/ruby/1.8/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/routing/route_set.rb:608:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/apipie-rails-0.0.24/lib/apipie/static_dispatcher.rb:65:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/best_standards_support.rb:17:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/etag.rb:23:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/conditionalget.rb:35:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/head.rb:14:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/params_parser.rb:21:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/flash.rb:242:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:210:in `context'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/session/abstract/id.rb:205:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/cookies.rb:341:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/query_cache.rb:64:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/activerecord-3.2.14/lib/active_record/connection_adapters/abstract/connection_pool.rb:47$
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/callbacks.rb:28:in `call'
```

```
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in
`_run__1193688236__call__4__$'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:405:in `__run_callback'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:385:in `_run_call_callbacks'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/callbacks.rb:81:in `run_callbacks'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/callbacks.rb:27:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/remote_ip.rb:31:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/debug_exceptions.rb:16:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/show_exceptions.rb:56:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/rack/logger.rb:32:in `call_app'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/rack/logger.rb:16:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/tagged_logging.rb:22:in `tagged'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/rack/logger.rb:16:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/request_id.rb:22:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/methodoverride.rb:21:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/runtime.rb:17:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/activesupport-3.2.14/lib/active_support/cache/strategy/local_cache.rb:72:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/lock.rb:15:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/actionpack-3.2.14/lib/action_dispatch/middleware/static.rb:63:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/engine.rb:484:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/application.rb:231:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/railtie/configurable.rb:30:in `send'
/usr/share/foreman/vendor/ruby/1.8/gems/railties-3.2.14/lib/rails/railtie/configurable.rb:30:in `method_missing'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/urlmap.rb:64:in `call'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `each'
/usr/share/foreman/vendor/ruby/1.8/gems/rack-1.4.5/lib/rack/urlmap.rb:49:in `call'
/usr/lib/ruby/1.8/phusion_passenger/rack/request_handler.rb:92:in `process_request'
/usr/lib/ruby/1.8/phusion_passenger/abstract_request_handler.rb:207:in `main_loop'
/usr/lib/ruby/1.8/phusion_passenger/rack/application_spawner.rb:118:in `run'
/usr/lib/ruby/1.8/phusion_passenger/rack/application_spawner.rb:65:in `spawn_application'
/usr/lib/ruby/1.8/phusion_passenger/utils.rb:184:in `safe_fork'
/usr/lib/ruby/1.8/phusion_passenger/rack/application_spawner.rb:58:in `spawn_application'
/usr/lib/ruby/1.8/phusion_passenger/rack/application_spawner.rb:41:in `spawn_application'
/usr/lib/ruby/1.8/phusion_passenger/spawn_manager.rb:159:in `spawn_application'
/usr/lib/ruby/1.8/phusion_passenger/spawn_manager.rb:287:in `handle_spawn_application'
/usr/lib/ruby/1.8/phusion_passenger/abstract_server.rb:352:in `__send__'
/usr/lib/ruby/1.8/phusion_passenger/abstract_server.rb:352:in `main_loop'
/usr/lib/ruby/1.8/phusion_passenger/abstract_server.rb:196:in `start_synchronously'
/usr/lib/phusion_passenger/passenger-spawn-server:61
Rolling back due to a problem: Set up compute instance test-server.ec2.internal  1      failed  test-server.ec2.internalsetCompute
```

History

#1 - 11/08/2013 08:54 AM - Dominic Cleal

- Subject changed from Fog issues with Foreman 1.3 to Fog error: InternalError with Foreman 1.3

- Category set to Compute resources

#2 - 11/10/2013 06:34 PM - Gerard Ryan

I have created new virtual machines on ubuntu 12.04 lts in EC2. They are running puppetmaster 3.31 & foreman 1.2.3 and a separate instance of puppetmaster 3.31 and foreman 1.3.

In both cases I am unable to create compute resources in EC2. The Create Host action fails with a presumably Fog related error: Fog error: InternalError => An internal error has occurred.

Stack trace here: http://pastebin.com/mxJskxdj

#3 - 11/10/2013 10:03 PM - Ohad Levy

I've seen that with older versions of fog, maybe try updating, e.g. if you are on ubuntu try:

```
su - foreman -s /bin/bash
bundle update fog
touch tmp/restart.txt
```

#4 - 11/11/2013 12:56 PM - Gerard Ryan

Hi Ohad. I've tried su'ing to the foreman user and issuing a 'bundle update fog' in the /usr/share/foreman directory.

No affect.

#5 - 11/11/2013 02:40 PM - Gerard Ryan

Having issued 'bundle update fog' in /usr/share/foreman as the foreman user, the last few lines of output are:

```
Updating files in vendor/cache
 * multi_json-1.8.2.gem
 * excon-0.28.0.gem
 * fog-1.18.0.gem
```

However the same nondescript error comes up when trying to create a new EC2 instance:
Fog error: InternalError => An internal error has occurred

#6 - 11/12/2013 12:28 AM - Gerard Ryan

This was solved by selecting the availability zone in the Create Host screen. Previously it was a non-issue to leave the availability zone in its default state. Now doing so will make Fog error out with a very vague "internal error" message.

#7 - 09/26/2014 07:25 AM - Dominic Cleal

- Category changed from Compute resources to Compute resources - EC2

#8 - 08/06/2017 07:15 AM - Anonymous

- Status changed from New to Resolved

closing after three years... a lot of things changed since then.