

Foreman - Bug #4018

API host creation fails with 500 error when unattended == false

01/15/2014 09:51 AM - Tomáš Strachota

<div>Status:New</div> <div>Priority:Normal</div> <div>Assignee:</div> <div>Category:API</div> <div>Target version:</div> <div>Difficulty:</div> <div>Triaged:</div> <div>Bugzilla link:</div> <div>Pull request:</div>	<div>Fixed in Releases:</div> <div>Found in Releases:</div> <div>Red Hat JIRA:</div>
<div>Description</div> <div>Host creation ends up with error 500 caused by missing compute_attributes accessor on attended installations.</div> <div>unknown attribute: compute_attributes (ActiveRecord::UnknownAttributeError) /root/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.15/lib/active_record/attribute_assignment.rb:88:in `block in assign_attributes' /root/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.15/lib/active_record/attribute_assignment.rb:78:in `each' /root/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.15/lib/active_record/attribute_assignment.rb:78:in `assign_attributes' /root/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.15/lib/active_record/base.rb:498:in `initialize' /root/foreman/app/models/concerns/foreman/sti.rb:22:in `new' /root/foreman/app/models/concerns/foreman/sti.rb:22:in `new_with_cast' /root/foreman/app/models/host.rb:16:in `method_missing' /root/foreman/app/controllers/api/v2/hosts_controller.rb:62:in `create'</div>	
<div>Related issues:</div> <div>Related to Foreman - Refactor #10413: Reimplement !unattended mode support as...Closed</div>	

History

#1 - 03/18/2014 10:10 PM - Michael Griffin

This problem extends to any host updates, as well as creations, via the hammer cli and it still exists in 1.4.1.

#2 - 06/23/2014 11:59 AM - Marcus Philip

This makes the CLI effectively read-only... ;(
Is there no workaround?

#3 - 06/23/2014 03:34 PM - Dominic Cleal

Is this definitely on the API side? I noticed today (see [#6342](#)) that hammer always passes compute attributes to the API.

#4 - 06/23/2014 07:44 PM - Michael Griffin

I think that's exactly the issue... hammer always passes compute_attributes during host operations. The problem is that if Unattended==False, then Foreman doesn't know what 'compute_attributes' is and fails any host-update operations.

Could a workaround be that if Unattended==False, Foreman still define 'compute_attributes', but just throw the values on the floor?

#5 - 02/24/2015 04:31 PM - James Kyle

I'm getting this error in foreman 1.7 on CentOS 7. I receive the error using all of the following methods for updating a host:

- hammer host update
- curl -H "Content-Type: application/json" -u admin:\$password -k --fail --silent -X PUT -d '{"host": {"hostgroup_id": 1}}' "https://ops1.zone1.example.com/api/v2/hosts/ops1.zone1.example.com"
- python requests module

hammer debug output is:

```
[root@ops1 ~]# /usr/bin/hammer -d host update --hostgroup ops1.zone1.example.com --name ops1.zone1.example.com
[ INFO 2015-02-24 13:29:56 Init] Initialization of Hammer CLI (0.1.3) has started...
[DEBUG 2015-02-24 13:29:56 Init] Running at ruby 2.0.0-p353
[ INFO 2015-02-24 13:29:56 Init] Configuration from the file /etc/hammer/cli_config.yml has been loaded
[ INFO 2015-02-24 13:29:56 Init] Configuration from the file /etc/hammer/cli.modules.d/foreman.yml has been lo
aded
[ INFO 2015-02-24 13:29:56 Init] Configuration from the file /root/.hammer/cli.modules.d/foreman.yml has been
loaded
[DEBUG 2015-02-24 13:29:57 Connection] Registered: foreman
[DEBUG 2015-02-24 13:29:57 API] Global headers: {
  :content_type => "application/json",
  :accept => "application/json;version=2",
  "Accept-Language" => "en"
}
[ INFO 2015-02-24 13:29:57 Modules] Extension module hammer_cli_foreman (0.1.3) loaded
[DEBUG 2015-02-24 13:29:57 Init] Using locale 'en'
[DEBUG 2015-02-24 13:29:57 Init] 'mo' files for locale domain 'hammer-cli' loaded from '/usr/share/gems/gems/h
ammer_cli-0.1.3/locale'
[DEBUG 2015-02-24 13:29:57 Init] 'mo' files for locale domain 'hammer-cli' loaded from '/usr/share/locale'
[DEBUG 2015-02-24 13:29:57 Init] 'mo' files for locale domain 'hammer-cli-foreman' loaded from '/usr/share/gem
s/gems/hammer_cli_foreman-0.1.3/locale'
[DEBUG 2015-02-24 13:29:57 Init] 'mo' files for locale domain 'hammer-cli-foreman' loaded from '/usr/share/loc
ale'
[ INFO 2015-02-24 13:29:57 HammerCLI::MainCommand] Called with options: {"option_debug"=>true}
[ INFO 2015-02-24 13:29:57 HammerCLIForeman::Host] Called with options: {}
[ INFO 2015-02-24 13:29:57 HammerCLIForeman::Host::UpdateCommand] Called with options: {"option_volume_list"=>
[], "option_interface_list"=>[], "option_name"=>"ops1.zone1.example.com", "option_hostgroup_name"=>"ops1.zone1
.example.com"}
[ INFO 2015-02-24 13:29:57 API] GET /api/hostgroups
[DEBUG 2015-02-24 13:29:57 API] Params: {
  :search => "name = \"ops1.zone1.example.com\""
}
[DEBUG 2015-02-24 13:29:57 API] Headers: {
  :params => {
    :search => "name = \"ops1.zone1.example.com\""
  }
}
[DEBUG 2015-02-24 13:29:57 API] Response: {
  "total" => 1,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 20,
  "search" => "name = \"ops1.zone1.example.com\"",
  "sort" => {
    "by" => nil,
    "order" => nil
  },
  "results" => [
    [0] {
      "id" => 1,
      "name" => "ops1.zone1.example.com",
      "title" => "ops1.zone1.example.com",
      "subnet_id" => 1,
      "subnet_name" => "Management",
      "operatingsystem_id" => 2,
      "operatingsystem_name" => "Ubuntu 14.04",
      "domain_id" => 1,
      "domain_name" => "zone1.example.com",
      "environment_id" => 3,
      "environment_name" => "testing",
      "compute_profile_id" => nil,
      "compute_profile_name" => nil,
      "ancestry" => nil,
      "puppet_proxy_id" => 1,
      "puppet_ca_proxy_id" => 1,
      "ptable_id" => 8,
      "ptable_name" => "Preseed default",
      "medium_id" => 6,
      "medium_name" => "Ubuntu mirror",
      "architecture_id" => 1,
      "architecture_name" => "x86_64",
      "realm_id" => nil,
      "realm_name" => nil,
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        "created_at" => "2015-02-24T19:58:32Z",
        "updated_at" => "2015-02-24T19:58:32Z"
    }
}

[DEBUG 2015-02-24 13:29:57 API] Response headers: {
    :date => "Tue, 24 Feb 2015 21:29:57 GMT",
    :server => "Apache/2.4.6 (CentOS)",
    :foreman_version => "1.7.2",
    :foreman_api_version => "2",
    :apipie_checksum => "b11cc24f3ad4868cff40aeabbae5e069",
    :x_ua_compatible => "IE=Edge,chrome=1",
    :cache_control => "must-revalidate, private, max-age=0",
    :x_request_id => "c6e19c98cc3643177c2ec45de40212cf",
    :x_runtime => "0.034948",
    :x_rack_cache => "miss",
    :x_powered_by => "Phusion Passenger 4.0.18",
    :set_cookie => [
        [0] "_session_id=BAh7B0kiD3Nlc3Npb25faWQGOgZFRkkiJTk5OWFjZjM3OWRjZTZlMjk5OGI4MGZmMGVhOTU3NTkzBjjsAVEKiC
2xvY2FsZQY7AEYiB2Vu--739a59fec19f4a6beb0ad49bd42f6274337ac115; path=/; HttpOnly"
    ],
    :etag => "\"15a8ffa67fb848ba473737549950eeac\"",
    :status => "200 OK",
    :connection => "close",
    :transfer_encoding => "chunked",
    :content_type => "application/json; charset=utf-8"
}

[ INFO 2015-02-24 13:29:57 API] GET /api/hosts
[DEBUG 2015-02-24 13:29:57 API] Params: {
    :search => "name = \"ops1.zonel.example.com\""
}

[DEBUG 2015-02-24 13:29:57 API] Headers: {
    :params => {
        :search => "name = \"ops1.zonel.example.com\""
    }
}

[DEBUG 2015-02-24 13:29:57 API] Response: {
    "total" => 2,
    "subtotal" => 1,
    "page" => 1,
    "per_page" => 20,
    "search" => "name = \"ops1.zonel.example.com\"",
    "sort" => {
        "by" => nil,
        "order" => nil
    },
    "results" => [
        [0] {
            "name" => "ops1.zonel.example.com",
            "id" => 1,
            "ip" => "172.16.156.131",
            "environment_id" => 3,
            "environment_name" => "testing",
            "last_report" => "2015-02-24T21:26:38Z",
            "mac" => "00:0c:29:d6:49:53",
            "realm_id" => nil,
            "realm_name" => nil,
            "sp_mac" => nil,
            "sp_ip" => nil,
            "sp_name" => nil,
            "domain_id" => 1,
            "domain_name" => "zonel.example.com",
            "architecture_id" => 1,
            "architecture_name" => "x86_64",
            "operatingsystem_id" => 1,
            "operatingsystem_name" => "CentOS 7.0",
            "subnet_id" => nil,
            "subnet_name" => nil,
            "sp_subnet_id" => nil,
            "ptable_id" => nil,
            "ptable_name" => nil,
            "medium_id" => nil,
            "medium_name" => nil,
            "build" => false,
            "comment" => nil,

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        "disk" => nil,
        "installed_at" => nil,
        "model_id" => 1,
        "model_name" => "VMware Virtual Platform",
        "hostgroup_id" => nil,
        "hostgroup_name" => nil,
        "owner_id" => 3,
        "owner_type" => "User",
        "enabled" => true,
        "puppet_ca_proxy_id" => 1,
        "managed" => false,
        "use_image" => nil,
        "image_file" => "",
        "uuid" => nil,
        "compute_resource_id" => nil,
        "compute_resource_name" => nil,
        "compute_profile_id" => nil,
        "compute_profile_name" => nil,
        "capabilities" => [
          [0] "build"
        ],
        "provision_method" => "build",
        "puppet_proxy_id" => 1,
        "certname" => "ops1.zone1.example.com",
        "image_id" => nil,
        "image_name" => nil,
        "created_at" => "2015-02-24T19:53:38Z",
        "updated_at" => "2015-02-24T21:26:42Z",
        "last_compile" => "2015-02-24T21:26:41Z",
        "last_freshcheck" => nil,
        "serial" => nil,
        "source_file_id" => nil,
        "puppet_status" => 0
      }
    ]
  }
}

[DEBUG 2015-02-24 13:29:57 API] Response headers: {
  :date => "Tue, 24 Feb 2015 21:29:57 GMT",
  :server => "Apache/2.4.6 (CentOS)",
  :foreman_version => "1.7.2",
  :foreman_api_version => "2",
  :apipie_checksum => "b11cc24f3ad4868cff40aeabbae5e069",
  :x_ua_compatible => "IE=Edge,chrome=1",
  :cache_control => "must-revalidate, private, max-age=0",
  :x_request_id => "6ad3c1a518f9ff4739fd5ac7b2449227",
  :x_runtime => "0.123171",
  :x_rack_cache => "miss",
  :x_powered_by => "Phusion Passenger 4.0.18",
  :set_cookie => [
    [0] "_session_id=BAh7B0kiD3Nlc3Npb25faWQOGGZFRkkiJWY4NTE1NTMzZGVhNWVmOWJjZWl0Y2NmYjZmYTk4OTI2Bj5AVEkiC
2xvY2FsZQY7AEYiB2Vu--f778da37f50903d067ff81de0c6d94544e72074e; path=/; HttpOnly"
  ],
  :etag => "\"ef38923176e8a047fb50f2c45352d62b\"",
  :status => "200 OK",
  :connection => "close",
  :transfer_encoding => "chunked",
  :content_type => "application/json; charset=utf-8"
}

[ INFO 2015-02-24 13:29:57 API] PUT /api/hosts/1
[DEBUG 2015-02-24 13:29:57 API] Params: {
  "host" => {
    "name" => "ops1.zone1.example.com",
    "hostgroup_id" => 1,
    "compute_attributes" => {
      "volumes_attributes" => {}
    },
    "host_parameters_attributes" => {},
    "interfaces_attributes" => {}
  }
}

[DEBUG 2015-02-24 13:29:57 API] Headers: {}
[DEBUG 2015-02-24 13:29:57 API] 500 Internal Server Error
{
  "error" => {
    "message" => "No such file or directory - true"
  }
}

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    }
  }
[ERROR 2015-02-24 13:29:57 Exception] No such file or directory - true
Could not update the host:
  No such file or directory - true
[ERROR 2015-02-24 13:29:57 Exception]

RestClient::InternalServerError (500 Internal Server Error):
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/abstract_response.rb:48:in `return!'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/request.rb:234:in `process_result'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/request.rb:182:in `block in transmit'
/usr/share/ruby/net/http.rb:852:in `start'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/request.rb:176:in `transmit'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/request.rb:65:in `execute'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/request.rb:34:in `execute'
/usr/share/gems/gems/rest-client-1.6.7/lib/restclient/resource.rb:76:in `put'
/usr/share/gems/gems/apipie-bindings-0.0.10/lib/apipie_bindings/api.rb:199:in `http_call'
/usr/share/gems/gems/apipie-bindings-0.0.10/lib/apipie_bindings/api.rb:153:in `call'
/usr/share/gems/gems/apipie-bindings-0.0.10/lib/apipie_bindings/resource.rb:14:in `call'
/usr/share/gems/gems/hammer_cli-0.1.3/lib/hammer_cli/apipie/command.rb:42:in `send_request'
/usr/share/gems/gems/hammer_cli_foreman-0.1.3/lib/hammer_cli_foreman/commands.rb:164:in `send_request'
/usr/share/gems/gems/hammer_cli-0.1.3/lib/hammer_cli/apipie/command.rb:33:in `execute'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/command.rb:68:in `run'
/usr/share/gems/gems/hammer_cli-0.1.3/lib/hammer_cli/abstract.rb:22:in `run'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/subcommand/execution.rb:11:in `execute'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/command.rb:68:in `run'
/usr/share/gems/gems/hammer_cli-0.1.3/lib/hammer_cli/abstract.rb:22:in `run'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/subcommand/execution.rb:11:in `execute'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/command.rb:68:in `run'
/usr/share/gems/gems/hammer_cli-0.1.3/lib/hammer_cli/abstract.rb:22:in `run'
/usr/share/gems/gems/clamp-0.6.2/lib/clamp/command.rb:126:in `run'
/usr/share/gems/gems/hammer_cli-0.1.3/bin/hammer:106:in `'
/usr/bin/hammer:23:in `load'
/usr/bin/hammer:23:in `'

```

#6 - 02/25/2015 03:24 AM - Dominic Cleal

James, your error from the server is "No such file or directory - true" which doesn't look like the same issue as reported here. You should probably check the server side logs for more info (/var/log/foreman/production.log) to figure out where it's coming from, and open a different bug report or thread on foreman-users for help.

#7 - 02/25/2015 02:03 PM - James Kyle

@Dominic

Will do.

#8 - 02/25/2015 03:16 PM - James Kyle

New issue filed at: <http://projects.theforeman.org/issues/9555>

#9 - 05/07/2015 04:23 PM - Rickard von Essen

- Related to Refactor #10413: Reimplement !unattended mode support as mainline feature added