

Foreman - Bug #13422

creating a host on a libvirt compute resource throws an invalid MAC error

01/27/2016 05:01 PM - Chris Lord

Status: Duplicate	
Priority: Normal	
Assignee:	
Category: Orchestration	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.10.1
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
command used:	
<pre>hammer -d host create --hostgroup=Default --compute-resource=libvirt --compute-profile="1-Small" --compute-attributes="start=true" --interface="primary=true,compute_type=network,compute_network=default,provision=true" --name="hammer"</pre>	
Output from -d:	
<pre>[INFO 2016-01-28 08:46:25 Init] Initialization of Hammer CLI (0.5.1) has started... [DEBUG 2016-01-28 08:46:25 Init] Running at ruby 1.9.3-p484 [INFO 2016-01-28 08:46:25 Init] Configuration from the file /etc/hammer/cli_config.yml has been loaded [INFO 2016-01-28 08:46:25 Init] Configuration from the file /etc/hammer/cli.modules.d/foreman.yml has been loaded [DEBUG 2016-01-28 08:46:25 Connection] Registered: foreman [DEBUG 2016-01-28 08:46:25 API] Global headers: { :content_type => "application/json", :accept => "application/json;version=2", "Accept-Language" => "en" } [INFO 2016-01-28 08:46:25 Modules] Extension module hammer_cli_foreman (0.5.1) loaded [DEBUG 2016-01-28 08:46:25 Init] Using locale 'en' [DEBUG 2016-01-28 08:46:25 Init] 'mo' files for locale domain 'hammer-cli' loaded from '/usr/share/locale' [DEBUG 2016-01-28 08:46:25 Init] 'mo' files for locale domain 'hammer-cli-foreman' loaded from '/usr/share/locale' [INFO 2016-01-28 08:46:25 HammerCLI::MainCommand] Called with options: {"option_debug"=>true} [INFO 2016-01-28 08:46:25 HammerCLIForeman::Host] Called with options: {} [INFO 2016-01-28 08:46:25 HammerCLIForeman::Host::CreateCommand] Called with options: {"option_managed"=>true, "option_build"=>true, "option_enabled"=>true, "option_overwrite"=>true, "option_compute_attributes"=>{"start"=>"true"}, "option_volume_list"=>[], "option_interface_list"=>[{"primary"=>"true", "compute_type"=>"network", "compute_network"=>"default", "provision"=>"true"}], "option_compute_resource_name"=>"libvirt", "option_hostgroup_name"=>"Default", "option_compute_profile_name"=>"1-Small", "option_name"=>"hammer"} [INFO 2016-01-28 08:46:25 API] GET /api/compute_resources [DEBUG 2016-01-28 08:46:25 API] Params: { :search => "name = \"libvirt\"" } [DEBUG 2016-01-28 08:46:25 API] Headers: { :params => { :search => "name = \"libvirt\"" } } [Foreman] Username: admin [Foreman] Password for admin:</pre>	

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[DEBUG 2016-01-28 08:46:31 API] Response: {
  "total" => 1,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 20,
  "search" => "name = \"libvirt\"",
  "sort" => {
    "by" => nil,
    "order" => nil
  },
  "results" => [
    [0] {
      "description" => "",
      "url" => "qemu+ssh://root@192.168.1.1/system",
      "created_at" => "2016-01-27T00:23:21Z",
      "updated_at" => "2016-01-27T00:23:21Z",
      "id" => 1,
      "name" => "libvirt",
      "provider" => "Libvirt",
      "provider_friendly_name" => "Libvirt",
      "display_type" => "VNC",
      "set_console_password" => true
    }
  ]
}

[DEBUG 2016-01-28 08:46:31 API] Response headers: {
  :date => "Wed, 27 Jan 2016 21:46:31 GMT",
  :server => "Apache/2.4.7 (Ubuntu)",
  :foreman_version => "1.10.1",
  :foreman_api_version => "2",
  :apipie_checksum => "23ce322a4d14cf8f8066bfe6f3d1e0ec",
  :x_ua_compatible => "IE=Edge,chrome=1",
  :cache_control => "must-revalidate, private, max-age=0",
  :x_request_id => "b8ee81901d5a075240db51c85ea4525c",
  :x_runtime => "0.036656",
  :x_rack_cache => "miss",
  :x_powered_by => "Phusion Passenger 4.0.37",
  :set_cookie => [
    [0] "_session_id=4328637385e9d686c0434928fd2b9817; path=/; secure; HttpOnly",
    [1] "request_method=; path=/; expires=Thu, 01-Jan-1970 00:00:00 GMT"
  ],
  :etag => "\"0706fb7a3ecea33b5e3a2fc4b2f32df8\"",
  :status => "200 OK",
  :connection => "close",
  :transfer_encoding => "chunked",
  :content_type => "application/json; charset=utf-8"
}

[ INFO 2016-01-28 08:46:31 API] GET /api/hostgroups
[DEBUG 2016-01-28 08:46:31 API] Params: {
  :search => "name = \"Default\""
}

[DEBUG 2016-01-28 08:46:31 API] Headers: {
  :params => {
    :search => "name = \"Default\""
  }
}

[DEBUG 2016-01-28 08:46:31 API] Response: {
  "total" => 2,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 20,
  "search" => "name = \"Default\"",
  "sort" => {
    "by" => nil,
    "order" => nil
  },
  "results" => [

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[0] {
  "subnet_id" => 1,
  "subnet_name" => "libvirt",
  "operatingsystem_id" => 1,
  "operatingsystem_name" => "Ubuntu 14.04.3 LTS",
  "domain_id" => 1,
  "domain_name" => "internal.devops.removed",
  "environment_id" => 2,
  "environment_name" => "proddevtest",
  "compute_profile_id" => 1,
  "compute_profile_name" => "1-Small",
  "ancestry" => nil,
  "puppet_proxy_id" => 1,
  "puppet_ca_proxy_id" => 1,
  "ptable_id" => 56,
  "ptable_name" => "Preseed default",
  "medium_id" => 6,
  "medium_name" => "Ubuntu mirror",
  "architecture_id" => 1,
  "architecture_name" => "x86_64",
  "realm_id" => nil,
  "realm_name" => nil,
  "created_at" => "2016-01-27T04:12:09Z",
  "updated_at" => "2016-01-27T04:12:55Z",
  "id" => 2,
  "name" => "Default",
  "title" => "Default"
}
]
}
[DEBUG 2016-01-28 08:46:31 API] Response headers: {
  :date => "Wed, 27 Jan 2016 21:46:31 GMT",
  :server => "Apache/2.4.7 (Ubuntu)",
  :foreman_version => "1.10.1",
  :foreman_api_version => "2",
  :apipie_checksum => "23ce322a4d14cf8f8066bfe6f3d1e0ec",
  :x_ua_compatible => "IE=Edge,chrome=1",
  :cache_control => "must-revalidate, private, max-age=0",
  :x_request_id => "ee366952711c0fde2f2d8debfc08e4f3",
  :x_runtime => "0.038571",
  :x_rack_cache => "miss",
  :x_powered_by => "Phusion Passenger 4.0.37",
  :set_cookie => [
    [0] "_session_id=b005be9f3aea634a09627230810d6582; path=/; secure; HttpOnly",
    [1] "request_method=; path=/; expires=Thu, 01-Jan-1970 00:00:00 GMT"
  ],
  :etag => "\"e345d42d5d960f7713a43ae3c11aec91\"",
  :status => "200 OK",
  :connection => "close",
  :transfer_encoding => "chunked",
  :content_type => "application/json; charset=utf-8"
}
[ INFO 2016-01-28 08:46:31 API] GET /api/compute_profiles
[DEBUG 2016-01-28 08:46:31 API] Params: {
  :search => "name = \"1-Small\""
}
[DEBUG 2016-01-28 08:46:31 API] Headers: {
  :params => {
    :search => "name = \"1-Small\""
  }
}
[DEBUG 2016-01-28 08:46:31 API] Response: {
  "total" => 3,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 20,
  "search" => "name = \"1-Small\"",

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    "sort" => {
      "by" => nil,
      "order" => nil
    },
    "results" => [
      [0] {
        "created_at" => "2016-01-26T23:51:15Z",
        "updated_at" => "2016-01-26T23:51:15Z",
        "id" => 1,
        "name" => "1-Small"
      }
    ]
  }
}
[DEBUG 2016-01-28 08:46:31 API] Response headers: {
  :date => "Wed, 27 Jan 2016 21:46:31 GMT",
  :server => "Apache/2.4.7 (Ubuntu)",
  :foreman_version => "1.10.1",
  :foreman_api_version => "2",
  :apipie_checksum => "23ce322a4d14cf8f8066bfe6f3d1e0ec",
  :x_ua_compatible => "IE=Edge,chrome=1",
  :cache_control => "must-revalidate, private, max-age=0",
  :x_request_id => "bd931a95fec9e866b84cddc98af81d2a",
  :x_runtime => "0.027836",
  :x_rack_cache => "miss",
  :x_powered_by => "Phusion Passenger 4.0.37",
  :set_cookie => [
    [0] "_session_id=b02b6ae052e90924ee78a46bc681e5c8; path=/; secure; HttpOnly",
    [1] "request_method=; path=/; expires=Thu, 01-Jan-1970 00:00:00 GMT"
  ],
  :etag => "\"51f759cd3fe314f91ec4781165dff5f\"",
  :status => "200 OK",
  :connection => "close",
  :transfer_encoding => "chunked",
  :content_type => "application/json; charset=utf-8"
}
[ INFO 2016-01-28 08:46:31 API] POST /api/hosts
[DEBUG 2016-01-28 08:46:31 API] Params: {
  "host" => {
    "name" => "hammer",
    "compute_resource_id" => 1,
    "hostgroup_id" => 2,
    "build" => true,
    "enabled" => true,
    "managed" => true,
    "compute_profile_id" => 1,
    "compute_attributes" => {
      "start" => "true",
      "volumes_attributes" => {}
    },
    "overwrite" => true,
    "host_parameters_attributes" => {},
    "interfaces_attributes" => {
      "0" => {
        "primary" => "true",
        "provision" => "true",
        "compute_attributes" => {
          "type" => "network",
          "network" => "default"
        }
      }
    }
  }
}
[DEBUG 2016-01-28 08:46:31 API] Headers: {}
[DEBUG 2016-01-28 08:46:33 API] 500 Internal Server Error
{
  "error" => {

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      "message" => "Invalid MAC "
    }
  }
}
[ERROR 2016-01-28 08:46:33 Exception] Invalid MAC
Could not create the host:
  Invalid MAC
[ERROR 2016-01-28 08:46:33 Exception]

RestClient::InternalServerError (500 Internal Server Error):
  /usr/lib/ruby/vendor_ruby/restclient/abstract_response.rb:48:in `return!'
  /usr/lib/ruby/vendor_ruby/restclient/request.rb:230:in `process_result'
  /usr/lib/ruby/vendor_ruby/restclient/request.rb:178:in `block in transmit'
  /usr/lib/ruby/1.9.1/net/http.rb:746:in `start'
  /usr/lib/ruby/vendor_ruby/restclient/request.rb:172:in `transmit'
  /usr/lib/ruby/vendor_ruby/restclient/request.rb:64:in `execute'
  /usr/lib/ruby/vendor_ruby/restclient/request.rb:33:in `execute'
  /usr/lib/ruby/vendor_ruby/restclient/resource.rb:67:in `post'
  /usr/lib/ruby/vendor_ruby/apipie_bindings/api.rb:286:in `call_client'
  /usr/lib/ruby/vendor_ruby/apipie_bindings/api.rb:217:in `http_call'
  /usr/lib/ruby/vendor_ruby/apipie_bindings/api.rb:163:in `call'
  /usr/lib/ruby/vendor_ruby/apipie_bindings/resource.rb:14:in `call'
  /usr/lib/ruby/vendor_ruby/hammer_cli/apipie/command.rb:43:in `send_request'
  /usr/lib/ruby/vendor_ruby/hammer_cli_foreman/commands.rb:189:in `send_request'
  /usr/lib/ruby/vendor_ruby/hammer_cli/apipie/command.rb:34:in `execute'
  /usr/lib/ruby/vendor_ruby/clamp/command.rb:68:in `run'
  /usr/lib/ruby/vendor_ruby/hammer_cli/abstract.rb:22:in `run'
  /usr/lib/ruby/vendor_ruby/clamp/subcommand/execution.rb:11:in `execute'
  /usr/lib/ruby/vendor_ruby/clamp/command.rb:68:in `run'
  /usr/lib/ruby/vendor_ruby/hammer_cli/abstract.rb:22:in `run'
  /usr/lib/ruby/vendor_ruby/clamp/subcommand/execution.rb:11:in `execute'
  /usr/lib/ruby/vendor_ruby/clamp/command.rb:68:in `run'
  /usr/lib/ruby/vendor_ruby/hammer_cli/abstract.rb:22:in `run'
  /usr/lib/ruby/vendor_ruby/clamp/command.rb:133:in `run'
  /usr/bin/hammer:125:in `'

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Related issues:

Related to Foreman - Bug #5859: VM creation fails after IP conflict	Closed	05/21/2014
Has duplicate Foreman - Bug #13573: Overwrite with compute resource fails when...	Duplicate	02/05/2016

History

#1 - 01/28/2016 03:13 AM - Dominic Cleal

Also posted to <https://groups.google.com/forum/#!topic/foreman-users/xPzfQ5kpKxg>.

Debug logs from Foreman itself would be useful if you could get them please - see <http://theforeman.org/manuals/1.10/index.html#7.2Debugging>

#2 - 01/28/2016 07:18 PM - Chris Lord

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2016-01-29T11:14:54 [app] [I] Started GET "/api/compute_resources?search=name+%3D+%22libvirt%22" for 192.168.1
.2 at 2016-01-29 11:14:54 +1100
2016-01-29T11:14:54 [app] [I] Processing by Api::V2::ComputeResourcesController#index as JSON
2016-01-29T11:14:54 [app] [I]   Parameters: {"search"=>"name = \"libvirt\"", "apiv"=>"v2", "compute_resource"=
>{}}
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:54 [app] [I] Authorized user admin(Admin User)
2016-01-29T11:14:54 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:54 [app] [I]   Rendered api/v2/compute_resources/index.json.rabl within api/v2/layouts/index_
layout (5.1ms)
2016-01-29T11:14:54 [app] [D] Body: {
|   "total": 1,
|   "subtotal": 1,
|   "page": 1,
|   "per_page": 20,
|   "search": "name = \"libvirt\"",
|   "sort": {
|     "by": null,

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|   "order": null
| },
| "results": [{"description":"","url":"qemu+ssh://root@192.168.1.1/system","created_at":"2016-01-27T00:23:2
1Z","updated_at":"2016-01-28T04:40:15Z","id":1,"name":"libvirt","provider":"Libvirt","provider_friendly_name":
"Libvirt","display_type":"VNC","set_console_password":true}]
| }
|
2016-01-29T11:14:54 [app] [I] Completed 200 OK in 40.9ms (Views: 10.0ms | ActiveRecord: 9.8ms)
2016-01-29T11:14:56 [app] [I] Started GET "/api/hostgroups?search=name+%3D+%22Default%22" for 192.168.1.2 at 2
016-01-29 11:14:56 +1100
2016-01-29T11:14:56 [app] [I] Processing by Api::V2::HostgroupsController#index as JSON
2016-01-29T11:14:56 [app] [I] Parameters: {"search"=>"name = \"Default\"", "apiv"=>"v2", "hostgroup"=>{}}
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:56 [app] [I] Authorized user admin(Admin User)
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:56 [app] [I] Rendered api/v2/hostgroups/index.json.rabl within api/v2/layouts/index_layout
(16.3ms)
2016-01-29T11:14:56 [app] [D] Body: {
|   "total": 2,
|   "subtotal": 1,
|   "page": 1,
|   "per_page": 20,
|   "search": "name = \"Default\"",
|   "sort": {
|     "by": null,
|     "order": null
|   },
|   "results": [{"subnet_id":1,"subnet_name":"libvirt","operatingsystem_id":1,"operatingsystem_name":"Ubuntu
14.04.3 LTS","domain_id":1,"domain_name":"internal.devops.itree","environment_id":2,"environment_name":"prodde
vtest","compute_profile_id":1,"compute_profile_name":"1-Small","ancestry":null,"puppet_proxy_id":1,"puppet_ca_
proxy_id":1,"ptable_id":56,"ptable_name":"Preseed default","medium_id":6,"medium_name":"Ubuntu mirror","archit
ecture_id":1,"architecture_name":"x86_64","realm_id":null,"realm_name":null,"created_at":"2016-01-27T04:12:09Z
","updated_at":"2016-01-27T04:12:55Z","id":2,"name":"Default","title":"Default"}]
| }
|
2016-01-29T11:14:56 [app] [I] Completed 200 OK in 40.7ms (Views: 17.8ms | ActiveRecord: 7.5ms)
2016-01-29T11:14:56 [app] [I] Started POST "/api/hosts" for 192.168.1.2 at 2016-01-29 11:14:56 +1100
2016-01-29T11:14:56 [app] [I] Processing by Api::V2::HostsController#create as JSON
2016-01-29T11:14:56 [app] [I] Parameters: {"host"=>{"name"=>"hammer-host8", "compute_resource_id"=>1, "hostg
roup_id"=>2, "build"=>true, "enabled"=>true, "managed"=>true, "compute_attributes"=>{"start"=>"true", "volumes
_attributes"=>{"0"=>{"pool_name"=>"default", "capacity"=>"10G", "format_type"=>"qcow2"}}}, "overwrite"=>true,
"host_parameters_attributes"=>{}, "interfaces_attributes"=>{"0"=>{"primary"=>"true", "provision"=>"true", "mac
"=>"", "compute_attributes"=>{"type"=>"network", "network"=>"default", "model"=>"virtio"}}}}, "apiv"=>"v2"}
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:56 [app] [I] Authorized user admin(Admin User)
2016-01-29T11:14:56 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:58 [app] [W] Action failed
| Net::Validations::Error: Invalid MAC
| /usr/share/foreman/lib/net/validations.rb:40:in `validate_mac'
| /usr/share/foreman/lib/net/dhcp/record.rb:7:in `initialize'
| /usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:20:in `new'
| /usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:20:in `dhcp_record'
| /usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:158:in `queue_remove_dhcp_conflicts'
| /usr/share/foreman/app/models/concerns/orchestration/dhcp.rb:111:in `queue_dhcp'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activestorage-3.2.21/lib/active_support/callbacks.rb:468:in `__run
_204758068697137639__validation__2265155599320345497__callbacks'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activestorage-3.2.21/lib/active_support/callbacks.rb:405:in `__ru
n_callback'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activestorage-3.2.21/lib/active_support/callbacks.rb:385:in `__run
_validation_callbacks'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activestorage-3.2.21/lib/active_support/callbacks.rb:81:in `run_c
allbacks'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations/callbacks.rb:53:i
n `run_validations!'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations.rb:195:in `valid?
'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/validations.rb:69:in `valid

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?'  
| /usr/share/foreman/app/models/concerns/orchestration.rb:75:in `valid?'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:300  
:in `association_valid?'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:289  
:in `block in validate_collection_association'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:289  
:in `each'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:289  
:in `validate_collection_association'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:217  
:in `block in add_autosave_association_callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:161  
:in `instance_eval'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/autosave_association.rb:161  
:in `block in define_non_cyclic_method'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:561:in `_run  
__3714248417403745965__validate__2265155599320345497__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__ru  
n_callback'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `_run  
_validate_callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_c  
allbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations.rb:228:in `run_va  
lidations!'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations/callbacks.rb:53:i  
n `block in run_validations!'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:480:in `_run  
__3714248417403745965__validation__2265155599320345497__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__ru  
n_callback'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `_run  
_validation_callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_c  
allbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations/callbacks.rb:53:i  
n `run_validations!'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activemodel-3.2.21/lib/active_model/validations.rb:195:in `valid?  
'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/validations.rb:69:in `valid  
?'  
| /usr/share/foreman/app/models/concerns/orchestration.rb:75:in `valid?'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/validations.rb:77:in `perfo  
rm_validations'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/validations.rb:50:in `save'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/attribute_methods/dirty.rb:  
22:in `save'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:259:in `blo  
ck (2 levels) in save'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:313:in `blo  
ck in with_transaction_returning_status'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstrac  
t/database_statements.rb:192:in `transaction'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:208:in `tra  
nsaction'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:311:in `wit  
h_transaction_returning_status'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:259:in `blo  
ck in save'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:270:in `rol  
lback_active_record_state!'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/transactions.rb:258:in `sav  
e'  
| /usr/share/foreman/app/models/concerns/foreman/sti.rb:29:in `save_with_type'  
| /usr/share/foreman/app/controllers/api/v2/hosts_controller.rb:96:in `create'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/implicit_render.rb:  
4:in `send_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:167:in `process  
_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/rendering.rb:10:in  
`process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.rb:18:in `blo  
ck in process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:584:in `bloc
```

```
k (5 levels) in _run__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block  
k in _conditional_callback_around_7711'  
| /usr/share/foreman/app/controllers/api/v2/base_controller.rb:151:in `disable_json_root'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_con  
ditional_callback_around_7711'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:550:in `block  
k (4 levels) in _run__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block  
k in _conditional_callback_around_7710'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:326:in `arou  
nd'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:310:in `_cal  
lback_around_1973'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_con  
ditional_callback_around_7710'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:527:in `block  
k (3 levels) in _run__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block  
k in _conditional_callback_around_7709'  
| /usr/share/foreman/app/controllers/concerns/application_shared.rb:13:in `set_timezone'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_con  
ditional_callback_around_7709'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:526:in `block  
k (2 levels) in _run__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block  
k in _conditional_callback_around_7708'  
| /usr/share/foreman/app/models/concerns/foreman/thread_session.rb:32:in `clear_thread'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_con  
ditional_callback_around_7708'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:448:in `block  
k in _run__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:215:in `block  
k in _conditional_callback_around_7707'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:326:in `arou  
nd'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:310:in `_cal  
lback_around_13'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:214:in `_con  
ditional_callback_around_7707'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:414:in `_run  
__3525657113618761277__process_action__119280902557023120__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:405:in `_ru  
n_callback'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:385:in `_run  
__process_action_callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/callbacks.rb:81:in `run_c  
allbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/abstract_controller/callbacks.rb:17:in `pro  
cess_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/rescue.rb:29:in `pr  
ocess_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/instrumentation.rb:  
30:in `block in process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/notifications.rb:123:in `  
block in instrument'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/notifications/instrumente  
r.rb:20:in `instrument'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/notifications.rb:123:in `  
instrument'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/instrumentation.rb:  
29:in `process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/params_wrapper.rb:2  
07:in `process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/railties/controller_runtime  
.rb:18:in `process_action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/abstract_controller/base.rb:121:in `process  
,  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/abstract_controller/rendering.rb:45:in `pro  
cess'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal.rb:203:in `dispatch  
,  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal/rack_delegation.rb:  
14:in `dispatch'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_controller/metal.rb:246:in `block in
```



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action'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:73:in  
'call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:73:in  
'dispatch'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:36:in  
'call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/routing/mapper.rb:43:in `ca  
ll'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:68:in `block in call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:56:in `each'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/journey-1.0.4/lib/journey/router.rb:56:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/routing/route_set.rb:608:in  
'call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/apipie-rails-0.2.6/lib/apipie/static_dispatcher.rb:65:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/apipie-rails-0.2.6/lib/apipie/extractor/recorder.rb:97:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/apipie-rails-0.2.6/lib/apipie/middleware/checksum_in_headers.rb:2  
7:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/best_standards_s  
upport.rb:17:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/etag.rb:23:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/conditionalget.rb:35:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/head.rb:14:in `c  
all'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/params_parser.rb  
:21:in `call'  
| /usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:9:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/flash.rb:242:in  
'call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/session/abstract/id.rb:210:in `context'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/session/abstract/id.rb:205:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/cookies.rb:341:i  
n `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/query_cache.rb:64:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activerecord-3.2.21/lib/active_record/connection_adapters/abstrac  
t/connection_pool.rb:479:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/callbacks.rb:28:  
in `block in call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__run  
__1692766960840314705__call__2265155599320345497__callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:405:in `__ru  
n_callback'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:385:in `__run  
_call_callbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/callbacks.rb:81:in `run_c  
allbacks'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/callbacks.rb:27:  
in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/remote_ip.rb:31:  
in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/debug_exceptions  
.rb:16:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/show_exceptions.  
rb:56:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-3.2.21/lib/rails/rack/logger.rb:32:in `call_app'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-3.2.21/lib/rails/rack/logger.rb:18:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/request_id.rb:22  
:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/methodoverride.rb:21:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/runtime.rb:17:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/activesupport-3.2.21/lib/active_support/cache/strategy/local_cach  
e.rb:72:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/lock.rb:15:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/actionpack-3.2.21/lib/action_dispatch/middleware/static.rb:83:in  
'call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:136:in `forward'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:143:in `pass'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:155:in `invalidate'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:71:in `call!'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-cache-1.2/lib/rack/cache/context.rb:51:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-3.2.21/lib/rails/engine.rb:484:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-3.2.21/lib/rails/application.rb:231:in `call'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/railties-3.2.21/lib/rails/railtie/configurable.rb:30:in `method_m  
issing'  
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/builder.rb:134:in `call'
```

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| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/urlmap.rb:64:in `block in call'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/urlmap.rb:49:in `each'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/rack-1.4.7/lib/rack/urlmap.rb:49:in `call'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/rack/thread_handler_extension.rb:77:in `process_request'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:142:in `accept_and_process_next_request'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler/thread_handler.rb:110:in `main_loop'
| /usr/lib/ruby/vendor_ruby/phusion_passenger/request_handler.rb:448:in `block (3 levels) in start_threads'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/logging-2.0.0/lib/logging/diagnostic_context.rb:448:in `call'
| /usr/share/foreman/vendor/ruby/1.9.1/gems/logging-2.0.0/lib/logging/diagnostic_context.rb:448:in `block in create_with_logging_context'
2016-01-29T11:14:58 [app] [I] Rendered api/v2/errors/standard_error.json.rabl within api/v2/layouts/error_layout (1.1ms)
2016-01-29T11:14:58 [app] [I] Completed 500 Internal Server Error in 2413.8ms (Views: 7.9ms | ActiveRecord: 11.6ms)
2016-01-29T11:14:59 [app] [I] Started GET "/api/hosts?search=name+%3D+%22hammer-host8.internal.devops.itree%22" for 192.168.1.2 at 2016-01-29 11:14:59 +1100
2016-01-29T11:14:59 [app] [I] Processing by Api::V2::HostsController#index as JSON
2016-01-29T11:14:59 [app] [I] Parameters: {"search"=>"name = \"hammer-host8.internal.devops.itree\"", "apiv"=>"v2", :host=>{}}
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to foreman_admin
2016-01-29T11:14:59 [app] [I] Expire fragment views/tabs_and_title_records-3 0.4ms
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to nil
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:59 [app] [I] Authorized user admin(Admin User)
2016-01-29T11:14:59 [app] [D] Setting current user thread-local variable to admin
2016-01-29T11:14:59 [app] [I] Rendered api/v2/hosts/index.json.rabl within api/v2/layouts/index_layout (1.5ms)
2016-01-29T11:14:59 [app] [D] Body: {
|   "total": 2,
|   "subtotal": 0,
|   "page": 1,
|   "per_page": 20,
|   "search": "name = \"hammer-host8.internal.devops.itree\"",
|   "sort": {
|     "by": null,
|     "order": null
|   },
|   "results": []
| }
|
2016-01-29T11:14:59 [app] [I] Completed 200 OK in 39.8ms (Views: 8.1ms | ActiveRecord: 9.3ms)

```

Sorry if shouldn't have posted to mailing group as well.

I have been able to work around this by randomly generating a value for the MAC address and passing this. However the provisioned host is then unable to register as built and just loops through the pxe boot and install process continuously. I am unsure if this is related to the random value or not though.

#3 - 01/29/2016 03:40 AM - Dominic Cleal

- Related to Bug #5859: VM creation fails after IP conflict added

#4 - 01/29/2016 03:40 AM - Dominic Cleal

- Project changed from Hammer CLI to Foreman

- Category set to Orchestration

No worries about the list, it's just useful to link the two so we're not duplicating efforts.

I think you might be hitting [#5859](#) which is some bad handling of errors and conflicts in the orchestration code when creating VMs. I think there may be a conflict on your DHCP server with the chosen IP, and while Foreman should remove it, the process doesn't work and it won't create the VM.

#5 - 02/22/2016 07:11 AM - Tomáš Strachota

- Has duplicate Bug #13573: Overwrite with compute resource fails when provisioning via compute resource added

#6 - 02/24/2016 08:09 AM - Otavio Piske

Hello,

I'd like to provide additional information which, hopefully, can provide additional details to resolve this issue. I have upgraded Foreman to 1.10.2

before running these.

In my case, I managed to create a new host by manually setting the mac. In my command line I append this:
--mac "00:00:00:00:00:00"

Everytime I create a new VM, I have to change the mac (expected, I know). I noticed that the mac address provided in the command line gets added to libvirt default network (see below) which, somehow, allows the host to be created and the installation proceeds.
<host mac='00:00:00:00:00:03' name='<hostname>' ip='192.168.122.47'/>

Despite the odd settings, the VM gets built and works.

#7 - 02/29/2016 07:09 AM - Dominic Cleal

- *Status changed from New to Duplicate*

This will be handled under [#5859](#).