

Foreman - Bug #24125

Creating host on libvirt with hammer fails with fails with "undefined method `name' for nil:NilClass"

07/02/2018 11:44 AM - Ondřej Pražák

Status:	Closed	
Priority:	Normal	
Assignee:	Ondřej Pražák	
Category:	Compute resources - libvirt	
Target version:	1.18.1	
Difficulty:		Fixed in Releases: 1.18.1, 1.19.0
Triaged:	No	Found in Releases:
Bugzilla link:	1595120	Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/5762 , https://github.com/theforeman/foreman/pull/5817 , https://github.com/theforeman/foreman/pull/5823	

Description

Description of problem:

`hammer host create ...` fails with "undefined method `name' for nil:NilClass", when libvirt is down.

Steps to Reproduce:

1. `systemctl stop libvirtd`

2.

```
hammer -u admin -p changeme host create --architecture-id="3" --compute-resource-id="2" --domain-id="3" --environment-id="5" --ip="148.172.224.43" --location-id="5" --mac="94:e3:d9:06:72:48" --medium-id="10" --name="jhutar$RANDOM" --operatingsystem-id="3" --organization-id="6" --partition-table-id="141" --puppet-proxy-id="1" --root-password="\xea\xae\x8f\xf0\x98\x87\x8a\xe9\xb5\xa8\xd0\x9e\xec\x8b\xa4\xe6\xa9\x88\xe0\xae\x88\xel\x8b\xb8\xe5\x83\x95\xf0\x97\xbfa3\xe7\x87\x93\xf0\x96\xa6\x9e\xeb\xa9\x83\xe7\x88\x8a\xe6\x88\x8f\xe7\x9d\x8d\xea\x85\xa0\xef\xac\x85"
```

Actual results:

```
2018-06-26T03:48:50 [I|app|] Started POST "/api/hosts" for 10.16.184.126 at 2018-06-26 03:48:50 -0400
```

```
2018-06-26T03:48:50 [I|app|b3582] Processing by Api::V2::HostsController#create as JSON
```

```
2018-06-26T03:48:50 [I|app|b3582] Parameters: {"location_id"=>5, "organization_id"=>6, "host"=>{"name"=>"jhutar8331", "location_id"=>5, "organization_id"=>6, "environment_id"=>5, "ip"=>"148.172.224.43", "mac"=>"94:e3:d9:06:72:48", "architecture_id"=>3, "domain_id"=>3, "puppet_proxy_id"=>"1", "puppetclass_ids"=>[], "operatingsystem_id"=>3, "medium_id"=>10, "ptable_id"=>141, "compute_resource_id"=>2, "build"=>true, "enabled"=>true, "managed"=>true, "compute_attributes"=>{"volumes_attributes"=>{}}, "content_facet_attributes"=>{}, "subscription_facet_attributes"=>{}}, "overwrite"=>true, "host_parameters_attributes"=>[], "interfaces_attributes"=>[], "root_pass"=>"[FILTERED]"}, "api_v"=>"v2"}
```

```
2018-06-26T03:48:50 [I|app|b3582] Current user: foreman_admin (administrator)
```

```
2018-06-26T03:48:50 [I|app|b3582] Authorized user admin(Admin User)
```

```
2018-06-26T03:48:50 [I|app|b3582] Current user: admin (administrator)
```

```
2018-06-26T03:48:50 [I|app|b3582] Adding Compute instance for jhutar8331.xl2ppkfyft
```

```
2018-06-26T03:48:51 [W|app|b3582] Failed to create a compute 9zZ6tf (Libvirt) instance jhutar8331.xl2ppkfyft: undefined method `name' for nil:NilClass
```

```
NoMethodError: undefined method `name' for nil:NilClass
```

```
/usr/share/foreman/app/models/compute_resources/foreman/model/libvirt.rb:152:in `create_vm'
```

```
/usr/share/foreman/app/models/concerns/orchestration/compute.rb:78:in `setCompute'
```

```
/usr/share/foreman/app/models/concerns/orchestration.rb:222:in `execute'
```

```
/usr/share/foreman/app/models/concerns/orchestration.rb:145:in `block in process'
```

```
/usr/share/foreman/app/models/concerns/orchestration.rb:137:in `each'  
/usr/share/foreman/app/models/concerns/orchestration.rb:137:in `process'  
/usr/share/foreman/app/models/concerns/orchestration.rb:44:in `around_save_orchestration'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.6/lib/active_support/callback  
s.rb:117:in `block in run_callbacks'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.6/lib/active_support/callback  
s.rb:135:in `run_callbacks'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activesupport-5.1.6/lib/active_support/callback  
s.rb:827:in `_run_save_callbacks'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/callbacks.  
rb:336:in `create_or_update'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/persistenc  
e.rb:129:in `save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/validations  
.rb:44:in `save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/attribute_  
methods/dirty.rb:35:in `save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:308:in `block (2 levels) in save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:384:in `block in with_transaction_returning_status'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/connection  
_adapters/abstract/database_statements.rb:235:in `block in transaction'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/connection  
_adapters/abstract/transaction.rb:194:in `block in within_new_transaction'  
/opt/rh/rh-ruby24/root/usr/share/ruby/monitor.rb:214:in `mon_synchronize'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/connection  
_adapters/abstract/transaction.rb:191:in `within_new_transaction'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/connection  
_adapters/abstract/database_statements.rb:235:in `transaction'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:210:in `transaction'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:381:in `with_transaction_returning_status'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:308:in `block in save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:323:in `rollback_active_record_state!'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/transactio  
ns.rb:307:in `save'  
/opt/theforeman/tfm-ror51/root/usr/share/gems/gems/activerecord-5.1.6/lib/active_record/suppressor  
.rb:42:in `save'  
/usr/share/foreman/app/models/concerns/foreman/sti.rb:26:in `save'
```

Expected results:

Should create host

Associated revisions

Revision 91b8eed6 - 07/10/2018 12:03 PM - Ondřej Pražák

Fixes #24125 - Show error when libvirt not reachable

Revision 4160eeab - 07/11/2018 06:39 PM - Ivan Necas

Refs #24125 - mock libvirt sooner

History

#1 - 07/02/2018 11:45 AM - Ondřej Pražák

- Subject changed from *Createing host on libvirt with hammer fails with fails with "undefined method `name' for nil:NilClass"* to *Createing host on libvirt with hammer fails with fails with "undefined method `name' for nil:NilClass"*

- Assignee set to Ondřej Pražák

#2 - 07/02/2018 11:45 AM - Ondřej Pražák

- Subject changed from *Createing host on libvirt with hammer fails with fails with "undefined method `name' for nil:NilClass"* to *Creating host on libvirt with hammer fails with fails with "undefined method `name' for nil:NilClass"*

#3 - 07/02/2018 12:53 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Pull request <https://github.com/theforeman/foreman/pull/5762> added

#4 - 07/10/2018 01:01 PM - Ondřej Pražák

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [91b8eed6b2b2869e760183a629a50bf0046448aa](#).

#5 - 07/11/2018 06:22 AM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/5817> added

#6 - 07/11/2018 11:07 AM - Marek Hulán

- Fixed in Releases 1.18.0 added

CP PR open and planned for 1.18, so setting the release accordingly

#7 - 07/11/2018 01:51 PM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/5823> added

#8 - 07/12/2018 07:57 AM - Tomer Brisker

- Target version set to 1.18.1
- Fixed in Releases 1.18.1, 1.19.0 added
- Fixed in Releases deleted (1.18.0)