

Foreman - Bug #20720

'hammer host update' fails on VMware provisioned hosts

08/23/2017 05:12 PM - Anthony Chevalet

Status:	Resolved	
Priority:	High	
Assignee:	Chris Roberts	
Category:	Compute resources - VMware	
Target version:		
Difficulty:		Fixed in Releases:
Triaged:	Yes	Found in Releases: 1.15.6
Bugzilla link:		Red Hat JIRA:
Pull request:		

Description

With or without options:

```
# hammer host update --name vmware-host.local --comment test
Could not update the host:
  Failed to update a compute CHX-VC-CIS (VMware) instance vmware-host.local: undefined method `[]'
  for nil:NilClass
```

```
# hammer host update --name vmware-host.local
Could not update the host:
  Failed to update a compute CHX-VC-CIS (VMware) instance vmware-host.local: undefined method `[]'
  for nil:NilClass
```

Logs:

```
2017-08-23 21:09:33 8842e4cd [app] [W] Failed to update a compute CHX-VC-CIS (VMware) instance vmw
are-host.local: undefined method `[]' for nil:NilClass
  | NoMethodError: undefined method `[]' for nil:NilClass
  | /usr/share/foreman/app/models/compute_resources/foreman/model/vmware.rb:435:in `block in save_v
m'
  | /opt/foreman/tfm/root/usr/share/gems/gems/fog-core-1.42.0/lib/fog/core/collection.rb:19:in `
each'
  | /opt/foreman/tfm/root/usr/share/gems/gems/fog-core-1.42.0/lib/fog/core/collection.rb:19:in `
each'
  | /usr/share/foreman/app/models/compute_resources/foreman/model/vmware.rb:433:in `save_vm'
  | /usr/share/foreman/app/models/concerns/orchestration/compute.rb:203:in `setComputeUpdate'
  | /usr/share/foreman/app/models/concerns/orchestration.rb:216:in `execute'
  | /usr/share/foreman/app/models/concerns/orchestration.rb:144:in `block in process'
  | /usr/share/foreman/app/models/concerns/orchestration.rb:136:in `each'
  | /usr/share/foreman/app/models/concerns/orchestration.rb:136:in `process'
  | /usr/share/foreman/app/models/concerns/orchestration.rb:44:in `around_save_orchestration'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:432:in `block in make_lambda'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:312:in `call'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:312:in `block in halting'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:497:in `call'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:497:in `block in around'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:505:in `call'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:505:in `call'
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
```

```
rb:92:in `__run_callbacks__'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:778:in `__run_save_callbacks__'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.rb  
:302:in `create_or_update'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/persistence.  
rb:120:in `save'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/validations.  
rb:37:in `save'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/attribute_me  
thods/dirty.rb:21:in `save'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:286:in `block (2 levels) in save'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:351:in `block in with_transaction_returning_status'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_a  
dapters/abstract/database_statements.rb:213:in `block in transaction'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_a  
dapters/abstract/transaction.rb:184:in `within_new_transaction'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_a  
dapters/abstract/database_statements.rb:213:in `transaction'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:220:in `transaction'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:348:in `with_transaction_returning_status'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:286:in `block in save'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:301:in `rollback_active_record_state!'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/transactions  
.rb:285:in `save'  
  | /usr/share/foreman/app/models/concerns/foreman/sti.rb:29:in `save_with_type'  
  | /opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-0.9.4/app/models/foreman_tasks/conce  
rns/action_triggering.rb:25:in `block in save_with_dynflow_task_wrap'  
  | /opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-0.9.4/app/models/foreman_tasks/conce  
rns/action_triggering.rb:119:in `dynflow_task_wrap'  
  | /opt/theforeman/tfm/root/usr/share/gems/gems/foreman-tasks-0.9.4/app/models/foreman_tasks/conce  
rns/action_triggering.rb:25:in `save_with_dynflow_task_wrap'  
  | /usr/share/foreman/app/controllers/api/v2/hosts_controller.rb:147:in `update'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/impl  
icit_render.rb:4:in `send_action'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/base.rb:  
198:in `process_action'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/rend  
ering.rb:10:in `process_action'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/callback  
s.rb:20:in `block in process_action'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:117:in `call'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:117:in `call'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:555:in `block (2 levels) in compile'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:505:in `call'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:505:in `call'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:498:in `block (2 levels) in around'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:313:in `call'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:313:in `block (2 levels) in halting'  
  | /usr/share/foreman/app/controllers/api/v2/base_controller.rb:152:in `disable_json_root'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.  
rb:432:in `block in make_lambda'  
  | /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/callbacks.
```



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| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:497:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:497:in `block in around'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:505:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:505:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:498:in `block (2 levels) in around'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:313:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:313:in `block (2 levels) in halting'  
| /opt/theforeman/tfm/root/usr/share/gems/gems/audited-4.4.1/lib/audited/sweeper.rb:14:in `around'  
,  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:455:in `public_send'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:455:in `block in make_lambda'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:312:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:312:in `block in halting'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:497:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:497:in `block in around'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:505:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:505:in `call'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:92:in `__run_callbacks__'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:778:in `_run_process_action_callbacks'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.  
rb:81:in `run_callbacks'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/callback  
s.rb:19:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/resc  
ue.rb:29:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/inst  
rumentation.rb:32:in `block in process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/notificati  
ons.rb:164:in `block in instrument'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/notificati  
ons/instrumenter.rb:20:in `instrument'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/notificati  
ons.rb:164:in `instrument'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/inst  
rumentation.rb:30:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/para  
ms_wrapper.rb:250:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/railties/con  
troller_runtime.rb:18:in `process_action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/abstract_controller/base.rb:  
137:in `process'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionview-4.2.5.1/lib/action_view/rendering.rb:30:  
in `process'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal.rb:1  
96:in `dispatch'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal/rack  
_delegation.rb:13:in `dispatch'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_controller/metal.rb:2  
37:in `block in action'  
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
```

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e_set.rb:74:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:74:in `dispatch'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:43:in `serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/mapp
er.rb:49:in `serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:43:in `block in serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:30:in `each'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/journey/rout
er.rb:30:in `serve'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/routing/rout
e_set.rb:815:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.4.0/lib/apipie/static_dispatcher.rb
:65:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.4.0/lib/apipie/extractor/recorder.r
b:132:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/apipie-rails-0.4.0/lib/apipie/middleware/checksum_
in_headers.rb:27:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/etag.rb:24:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/conditionalget.rb:38:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/head.rb:13:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/p
arams_parser.rb:27:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/katello-3.4.4/lib/katello/params_parser_wrapper.rb
:12:in `call'
| /usr/share/foreman/lib/middleware/catch_json_parse_errors.rb:8:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/f
lash.rb:260:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/session/abstract/id.rb:225:in `
context'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/session/abstract/id.rb:220:in `
call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
ookies.rb:560:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/query_cache.
rb:36:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activerecord-4.2.5.1/lib/active_record/connection_a
dapters/abstract/connection_pool.rb:653:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
allbacks.rb:29:in `block in call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:88:in `__run_callbacks__'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:778:in `_run_call_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activesupport-4.2.5.1/lib/active_support/callbacks.
rb:81:in `run_callbacks'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/c
allbacks.rb:27:in `call'
```

```
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/r
emote_ip.rb:78:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/d
ebug_exceptions.rb:17:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
how_exceptions.rb:30:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/rack/logger.rb:38:in `ca
ll_app'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/rack/logger.rb:22:in `ca
ll'
| /usr/share/foreman/lib/middleware/tagged_logging.rb:18:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/r
equest_id.rb:21:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/methodoverride.rb:22:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/runtime.rb:18:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/activestorage-4.2.5.1/lib/active_storage/cache/stra
tegy/local_cache_middleware.rb:28:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/actionpack-4.2.5.1/lib/action_dispatch/middleware/s
tatic.rb:116:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/sendfile.rb:113:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/secure_headers-3.4.1/lib/secure_headers/middleware
.rb:12:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/engine.rb:518:in `call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/application.rb:165:in `c
all'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/railtie.rb:194:in `publi
c_send'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/railties-4.2.5.1/lib/rails/railtie.rb:194:in `metho
d_missing'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:66:in `block in call'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:50:in `each'
| /opt/rh/sclo-ror42/root/usr/share/gems/gems/rack-1.6.2/lib/rack/urlmap.rb:50:in `call'
| /usr/share/passenger/phusion_passenger/rack/thread_handler_extension.rb:74:in `process_request'
| /usr/share/passenger/phusion_passenger/request_handler/thread_handler.rb:141:in `accept_and_pro
cess_next_request'
| /usr/share/passenger/phusion_passenger/request_handler/thread_handler.rb:109:in `main_loop'
| /usr/share/passenger/phusion_passenger/request_handler.rb:455:in `block (3 levels) in start_thr
eads'
| /opt/theforeman/tfm/root/usr/share/gems/gems/logging-1.8.2/lib/logging/diagnostic_context.rb:32
3:in `call'
| /opt/theforeman/tfm/root/usr/share/gems/gems/logging-1.8.2/lib/logging/diagnostic_context.rb:32
3:in `block in create_with_logging_context'
2017-08-23 21:09:33 8842e4cd [app] [E] Unprocessable entity Host::Managed (id: 112):
| Failed to update a compute CHX-VC-CIS (VMware) instance vmware-host.local: undefined method `
[]' for nil:NilClass
```

History

#1 - 08/30/2017 02:45 PM - John Mitsch

- Project changed from Katello to Foreman

This looks like a foreman bug, I am switching it to the foreman project. If its katello-related please comment with some more details.

#2 - 08/31/2017 02:01 AM - Ivan Necas

- Category set to Compute resources - VMware

#3 - 10/06/2017 04:09 AM - Ronan Lanore

- Priority changed from Normal to High

Hi, We have the same problem after upgrade from 1.12 to 1.15.4.

We are unable to spawn new vm or update en existant vm with foreman now !

After little read of code i think it's comming from this commit:

<https://github.com/theforeman/foreman/commit/2309e9e1487c19fdecc93c771687d6f25eb1654d#diff-4443c0de1e4e867a30d3c878b9cb64e9>

Into /usr/share/foreman/app/models/compute_resources/foremodel/vmware.rb at line 434

```
def save_vm(uuid, attr)
  vm = find_vm_by_uuid(uuid)
  vm.attributes.merge!(attr.deep_symbolize_keys)
  #volumes are not part of vm.attributes so we have to set them separately if needed
  if attr.has_key?(:volumes_attributes)
    vm.volumes.each do |vm_volume|
      volume_attrs = attr[:volumes_attributes].values.detect {|vol| vol[:id] == vm_volume.id}
# This line return 'nil'
      Rails.logger.info("RLA RLA: volumes class #{volume_attrs.class}")
      Rails.logger.info("RLA RLA: volumes attr #{volume_attrs}")
      vm_volume.size_gb = volume_attrs[:size_gb] # This line do the undefined method `[]' for nil:NilClass
    end
  end
  vm.save
end
```

And an example attr properties is

```
attr: {"cpus"=>"1",
  "corespersocket"=>"2",
  "memory_mb"=>"4096",
  "cluster"=>"",
  "path"=>"/Datacenters/CLS-DEV/vm",
  "guest_id"=>"otherGuest",
  "scsi_controller_type"=>"ParaVirtualSCSIController",
  "hardware_version"=>"Default",
  "memoryHotAddEnabled"=>"1",
  "cpuHotAddEnabled"=>"1",
  "add_cdrom"=>"0",
  "annotation"=>"",
  "volumes_attributes"=>{
    "0"=>{
      "datastore"=>"EVA5_dev1_crm_vm5",
      "name"=>"Hard disk",
      "size_gb"=>"16",
      "thin"=>"true",
      "eager_zero"=>"false"
    }
  }
}
```

This return nil for us.

The volumes_attributes is completely wrong for our VM

It's seem related to :

<http://projects.theforeman.org/issues/19990>

<http://projects.theforeman.org/issues/19660>

<http://projects.theforeman.org/issues/19978>

#4 - 01/09/2018 03:16 PM - Anthony Chevalet

Using the API, the workaround is to pass compute_attributes (GET hosts/:id/vm_compute_attributes) in the post request.

#5 - 01/09/2018 04:18 PM - Anthony Chevalet

```
$ curl -ksin -H Content-type:application/json -X PUT https://foreman/api/hosts/539 -d '{"host": {"comment": "test1"}}'
HTTP/1.1 422 Unprocessable Entity
...
$ ca=$(curl -ksn -H Content-type:application/json -X GET https://foreman/api/hosts/539/vm_compute_attributes)
$ curl -ksin -H Content-type:application/json -X PUT https://foreman/api/hosts/539 -d '{"host": {"comment": "test1", "compute_attributes": "$ca"}}'
HTTP/1.1 200 OK
...
```

Unfortunately this workaround does not work for hammer with options --compute-attributes, --volume or --interface.

#7 - 06/13/2018 10:41 PM - Andrew Cooper

Is there any update on this? We are seeing the same thing with our integrations to the API (we do not use hammer). We will try the workaround of

requesting and passing the compute_arguments, but it would be nice to see a long term solution.

#8 - 06/26/2018 09:48 AM - Tomer Brisker

- translation missing: en.field_release set to 353

- Triaged set to No

#9 - 06/26/2018 09:48 AM - Tomer Brisker

- Triaged changed from No to Yes

#10 - 07/19/2018 01:19 PM - Chris Roberts

- Assignee set to Chris Roberts

#11 - 08/29/2018 12:45 PM - Tomer Brisker

- Target version changed from 1.19.0 to 1.19.1

Pushing out to 1.19.1 as 1.19.0 release is imminent and this has not been resolved yet.

#12 - 11/06/2018 03:06 PM - Tomer Brisker

- Target version changed from 1.19.1 to 961

1.19.1 release is in progress and this was not fixed in time, pushing out to 1.19.2.

#13 - 11/06/2018 04:04 PM - Anthony Chevalet

It works for me on 1.18.1. (still impacted by [#20725](#) though)

#14 - 12/04/2018 01:26 PM - Tomer Brisker

- Status changed from New to Resolved

- Target version deleted (961)

comment [#13](#) seems to indicate this has been resolved in 1.18.1. Please reopen if issue persists.