

Foreman - Bug #10093

Creating VMware host over API with compute profile doesn't perform image provisioning

04/08/2015 10:04 AM - Chad Walstrom

Status:	Closed	
Priority:	Normal	
Assignee:	Chad Walstrom	
Category:	Compute resources - VMware	
Target version:	1.8.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.5.3
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/foreman/foreman/pull/2294	

Description

Scenario: Clone a VMware image via API using compute_profiles

```
Given that a VMware vSphere cluster is a compute resource,
And given that a compute profile exists on that resource,
And given that the compute profile has a valid VMware image associated with it,
And given that a hostgroup associated is with that compute profile,
When I POST to /api/v2/hosts with the hostgroup_id and compute_resource_id,
Then I should create a new VMware guest as a clone from the specified image.
```

This scenario fails in the following conditional expression:

```
if args[:image_id].present?
  clone_vm(args)
else
  vm = new_vm(args)
  vm.save
end
```

The test "#create_vm calls clone_vm when image provisioning" currently succeeds because it is incorrectly instantiating the input hash with indifferent access. Updating the test to use an unmodified "image_id" key will show the test correctly failing, exposing this bug.

A suggestion to fix this is:

```
Modified app/models/compute_resources/foreman/model/vmware.rb
diff --git a/app/models/compute_resources/foreman/model/vmware.rb b/app/models/compute_resources/foreman/model/vmware.rb
index 9c4d471..9871d8b 100644
--- a/app/models/compute_resources/foreman/model/vmware.rb
+++ b/app/models/compute_resources/foreman/model/vmware.rb
@@ -313,7 +313,7 @@ module Foreman::Model
   test_connection
   return unless errors.empty?

-   args = parse_networks(args)
+   args = parse_networks(args.with_indifferent_access)
   if args[:image_id].present?
     clone_vm(args)
   else
@@ -470,4 +470,3 @@ module Foreman::Model
   end
 end
 end
-
```

Associated revisions

Revision 140cfe26 - 04/13/2015 05:55 AM - Chad Walstrom

Fixes #10093 - VMware#create_vm calls clone_vm

Apply '.with_indifferent_access' to the args passed in to create_vm, ensuring symbol test for args[:image_id] succeeds when args["image_id"] is present.

Revision 3aec1326 - 04/13/2015 10:07 AM - Chad Walstrom

Fixes #10093 - VMware#create_vm calls clone_vm

Apply '.with_indifferent_access' to the args passed in to create_vm, ensuring symbol test for args[:image_id] succeeds when args["image_id"] is present.

(cherry picked from commit 140cfe262eac838e76eb27517bd0271beab9be15)

History

#1 - 04/08/2015 10:15 AM - Dominic Cleal

- Subject changed from *VMware#create_vm calls clone_vm when image provisioning* to *Creating VMware host over API with compute profile doesn't perform image provisioning*

- Category set to *Compute resources - VMware*

#2 - 04/08/2015 03:48 PM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*

- Pull request <https://github.com/theforeman/foreman/pull/2294> added

- Pull request deleted ()

#3 - 04/13/2015 06:05 AM - Anonymous

- Status changed from *Ready For Testing* to *Closed*

- % Done changed from *0* to *100*

Applied in changeset [140cfe262eac838e76eb27517bd0271beab9be15](#).

#4 - 04/13/2015 06:16 AM - Dominic Cleal

- Assignee set to *Chad Walstrom*

- translation missing: *en.field_release* set to *28*