

Foreman - Bug #2345

Unable to update hostgroup parameter by REST API

03/21/2013 07:15 AM - Axel Tischer

Status: Resolved	
Priority: Normal	
Assignee: Joseph Magen	
Category:	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
When I try to update hostgroup parameters via REST API I get	
Started PUT "/foreman/hostgroups/102/" for 10.129.59.20 at Wed Mar 20 09:43:51 +0100 2013	
Processing by HostgroupsController#update as JSON	
Parameters: {"id"=>"102", "hostgroup"=>{"ancestry"=>nil, "operatingsystem_id"=>nil, "id"=>102, "label"=>"apitest", "subnet_id"=>nil, "domain_id"=>nil, "parameters"=>{"apit_appl_v ersion"=>"0.0.1", "apit_java_version"=>"1.7.1"}, "name"=>"apitest", "environment_id"=>4, "puppetclass_ids"=>nil}}	
Operation FAILED: unknown attribute: parameters	
Completed 500 Internal Server Error in 4ms	

History

#1 - 03/21/2013 07:18 AM - Dominic Cleal

- Project changed from Website to Foreman

#2 - 03/21/2013 07:19 AM - Dominic Cleal

- Assignee set to Joseph Magen

Is this fixed in API v2, Joseph?

#3 - 03/21/2013 07:49 AM - Axel Tischer

Here is my script output:

```
u'operatingsystem_id': None, u'environment_id': 4, u'name': u'apitest', u'parameters': {u'apit_appl_version': u'0.0.1', u'apit_java_version': u'1.6.32'}, u'subnet_id': None, u'label': u'apitest', u'ancestry': None, u'id': 102, u'puppetclass_ids': [], u'domain_id': None}
```

```
1. orig json object: {u'operatingsystem_id': None, u'environment_id': 4, u'name': u'apitest', u'parameters': {u'apit_appl_version': u'0.0.1', u'apit_java_version': u'1.6.32'}, u'subnet_id': None, u'label': u'apitest', u'ancestry': None, u'id': 102, u'puppetclass_ids': [], u'domain_id': None}
PARAMETER -> {u'apit_appl_version': u'0.0.1', u'apit_java_version': u'1.6.32'} {"hostgroup": {"operatingsystem_id": null, "environment_id": 4, "name": "apitest", "parameters": {"apit_appl_version": "0.0.1", "apit_java_version": "1.7.1"}, "subnet_id": null, "label": "apitest", "ancestry": null, "id": 102, "puppetclass_ids": [], "domain_id": null}}
```

```
1. updated: <!DOCTYPE html>
<html>
<head>
<title>We're sorry, but something went wrong (500)</title>
<style type="text/css">
body { background-color: #fff; color: #666; text-align: center; font-family: arial, sans-serif; }
div.dialog {
width: 25em;
padding: 0 4em;
margin: 4em auto 0 auto;
border: 1px solid #ccc;
border-right-color: #999;
border-bottom-color: #999;
}
h1 { font-size: 100%; color: #f00; line-height: 1.5em; }
</style>
```

```
</head>
<body>
<div class="dialog">
<h1>We're sorry, but something went wrong.</h1>
<p>We've been notified about this issue and we'll take a look at it shortly.</p>
</div>
</body>
</html>
```

#4 - 03/21/2013 08:23 AM - Axel Tischer

I'm using foreman 1.1

#5 - 03/25/2013 04:25 AM - Axel Tischer

I've also tried with API V2:

```
Started PUT "/foreman/hostgroups/102/" for 10.129.13.70 at Mon Mar 25 09:20:45 +0100 2013
Processing by HostgroupsController#update as JSON
Parameters: {"id"=>"102", "hostgroup"=>{"id"=>102, "operatingsystem_id"=>nil, "parameters"=>{"apit_java_version"=>"1.7.1",
"apit_appl_version"=>"0.0.1"}, "label"=>"apite
st", "puppetclass_ids"=>nil, "name"=>"apitest", "environment_id"=>4,
"subnet_id"=>nil, "domain_id"=>nil, "ancestry"=>nil}}
Operation FAILED: unknown attribute: parameters
Completed 500 Internal Server Error in 12ms
```

```
ArgumentError (There was no default layout for HostgroupsController in [#<ActionView::FileSystemResolver:0x7f14081e1b08 @caching=true,
@path="/srv/foreman/foreman/app/view
s", @cached={#<ActionView::LookupContext::DetailsKey:0x7f14049a6630 @hash=69861976650520>=>{"layouts"=>{"hostgroups"=>{false=>[]},
"application"=>{false=>[]}}, "layouts/ac
tion_controller"=>{"base"=>{false=>[]}}], #<ActionView::LookupContext::DetailsKey:0x7f140451c8d0
@hash=69861974271080>=>{"home"=>{"settings"=>{true=>[app/views/home/_setti
ngs.html.erb]}, "topbar"=>{true=>[app/views/home/_topbar.rhtml]}}, "layouts"=>{"application"=>{false=>[app/views/layouts/application.html.erb]},
"dashboard"=>{false=>[]}},
"bookmarks"=>{"list"=>{true=>[app/views/bookmarks/_list.html.erb]}}, "common"=>{"searchbar"=>{true=>[app/views/common/_searchbar.erb]}},
"dashboard"=>{"index"=>{false=>[a
pp/views/dashboard/index.html.erb]}}]>, #<ActionView::FileSystemResolver:0x7f14081f24a8 @caching=true,
@path="/usr/lib64/ruby/gems/1.8/gems/apipie-rails-0.0.16/app/views"
, @cached={#<ActionView::LookupContext::DetailsKey:0x7f14049a6630 @hash=69861976650520>=>{"layouts"=>{"hostgroups"=>{false=>[]},
"application"=>{false=>[]}}, "layouts/acti
on_controller"=>{"base"=>{false=>[]}}], #<ActionView::LookupContext::DetailsKey:0x7f140451c8d0
@hash=69861974271080>=>{"layouts"=>{"dashboard"=>{false=>[]}}}>):
app/controllers/application_controller.rb:291:in `generic_exception'
```

#6 - 03/28/2013 04:56 AM - Ohad Levy

- Status changed from New to Resolved

right, thats a limitation of the current v1 api, have a look for a few examples (or wait for V2 of the api in 1.2).

https://github.com/ohadlevy/foreman-api-examples/blob/master/examples/add_paramater_to_existing_host.rb

#7 - 08/09/2013 06:19 AM - Axel Tischer

Hi there

I still get the problem when trying to update hte hostgroup:

Foreman Version Version 1.2.0 © 2009-2013 Paul Kelly and Ohad Levy

```
curl http://myhost.myddomain/foreman/api/hostgroups/102?format=json
{"hostgroup":{"operatingsystem_id":null,"subnet_id":null,"label":"apitest","puppetclass_ids":[],"environment_id":4,"ancestry":null,"name":"apitest","id":1
02,"parameters":{"apit_java_version":"1.9.9","apit_appl_version":"0.0.1"},"domain_id":null}}

curl -X POST -H "Content-Type: application/json;version=2" -d
'{"hostgroup":{"id":102,"ancestry":null,"puppetclass_ids":[],"sest":"","domain_id":null,"label":"apitest","parameters":{"apit_appl_version":"102","apit_java_v
ersion":"1.9.9"},"environment_id":4}' http://myhost.myddomain/foreman/api/hostgroups {"error":{"message":"unknown attribute: parameters"}}
```

The exampe from Ohad is incorrect, parameters in hostgroups do not have an id.

Any idea ?

Regards

Axel

#8 - 08/09/2013 07:15 AM - Axel Tischer

Me again

I changed my RESTClient to use PUT instead of POST. Now I get HTTP 200 and OK but nothing changed

#9 - 08/12/2013 02:14 AM - Axel Tischer

Hi

I thried with curl and PUT again:

```
curl -X PUT -H "Content-Type: application/json;version=2" -d
 '{"hostgroup":{"id":102,"ancestry":null,"puppetclass_ids":[],"subnet_id":null,"operatingsystem_id":null,"name":"apitest","domain_id":null,"label":"apitest",
 "parameters":{"apit_appl_version":"102","apit_java_version":"1.9.9"},"environment_id":4}}'
 http://dezulititt25.emea.porsche.biz/foreman/api/hostgroups/102/
```

```
{"error":{"message":"unknown attribute: parameters"}}
```

Logentry:

Processing by Api::V1::HostgroupsController#update as JSON

```
Parameters: {"hostgroup"=>{"parameters"=>{"apit_java_version"=>"1.9.9", "apit_appl_version"=>"102"}, "name"=>"apitest", "puppetclass_ids"=>nil,
 "environment_id"=>4, "subnet
 _id"=>nil, "id"=>102, "domain_id"=>nil, "operatingsystem_id"=>nil, "label"=>"apitest", "ancestry"=>nil}, "id"=>"102"}
 unknown attribute: parameters (ActiveRecord::UnknownAttributeError)
```

#10 - 08/12/2013 10:13 AM - Axel Tischer

Got it !

Here my Howto:

First get the ID of the hostgroup:

```
curl -X GET -H "Content-Type:application/json" -H "Accept: application/json" http://myhost/foreman/api/hostgroups/apitest
```

Returns:

```
{"hostgroup":{"operatingsystem_id":null,"subnet_id":null,"label":"apitest","puppetclass_ids":[],"environment_id":4,"ancestry":null,"name":"apitest",**"id":1
02*,"parameters":{"apit_java_version":"Blubb","apit_appl_version":"Huustegudsje"},"domain_id":null}}
```

Next get all parameters of hostgroup:

```
curl -X GET -H "Accept: application/json;version=2" -H "Content-type: application/json"
```

```
http://myhost/foreman/api/hostgroups/102/parameters?format=json
```

```
{"parameters":[{"parameter":{"value":"Blubb","name":"apit_java_version","id":4529}},{"parameter":{"value":"Huustegudsje","name":"apit_appl_version",
"id":4530}]}}
```

That's what we need: the ID of the parameter

Now send back the modified parameter:

```
curl -X PUT -H "Accept: application/json;version=2" -H "Content-Type: application/json" -d
```

```
'{"parameter":{"id":4530,"name":"apit_appl_version","value":"CHANGED !!!!"}}'
```

```
http://myhost/foreman/api/hostgroups/102/parameters/\*4530?format=json
```

```
{"parameter":{"value":"CHANGED !!!","name":"apit_appl_version","id":4530}}
```

You can omit the id in the json object.

```
curl -X PUT -H "Accept: application/json;version=2" -H "Content-Type: application/json" -d
```

```
'{"parameter":{"name":"apit_appl_version","value":"CHANGED again!!!!!"}}' http://myhost/foreman/api/hostgroups/102/parameters/4530?format=json
```

Cheers

Axel

& many thanx to Stefan

#11 - 08/12/2013 10:46 AM - Stefan Held

- File `change_foreman_group_param.rb` added

If someone is interested, i attach a ruby example for this.

The script expects three variables if you run it.

- 1.) group the host belongs to
- 2.) parameter name
- 3.) the value you want to become permanent.

Files

change_foreman_group_param.rb

1.26 KB

08/12/2013

Stefan Held