

Foreman - Bug #5178

Users API requires parameters to be wrapped

04/14/2014 01:32 PM - Thomas McKay

Status: Closed	
Priority: High	
Assignee: Joseph Magen	
Category: API	
Target version: 1.6.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1087372	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/1441	
Description	
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1087372	
Description of problem:	
Calling	
<pre>@api = ApipieBindings::API.new({ :uri => HammerCLI::Settings.get(:foreman, :host), :username => HammerCLI::Settings.get(:foreman, :username), :password => HammerCLI::Settings.get(:foreman, :password), :api_version => 2 }) @api.resource(entity_type).call(:create, entity_hash)</pre>	
expects different level of hash encapsulation for different entity_types:	
<ul style="list-style-type: none">for entity_type :organizations : @api.resource(:organizations).call(:create, entity_hash) the entity_hash is expected to be a simple hash of organization attributes {:description=>"Imported 'Red Hat IT' organization from Red Hat Satellite 5", :name=>"Red Hat IT"}for entity_type :users : @api.resource(:users).call(:create, entity_hash) the entity_hash is expected to be a simple hash of user attributes embedded/wrapped into a extra higher level hash with a single :user key: {:user => user_hash} {:user=>{:location_ids=>[], :firstname=>"another", :role_ids=>[], :lastname=>"another", :login=>"another", :mail=>"root@localhost", :auth_source_id=>1, :organization_ids=>[5], :password=>"another_gfolvwxr"}}	
Similarly the return values of these API calls are not consistent:	
<ul style="list-style-type: none">when creating an organization, the return value is an organization hash embedded in a higher level hash with one "organization" key {"organization" => organization_hash} {"organization"=>{"apply_info_task_id"=>nil, "updated_at"=>"2014-04-14T09:21:50Z", "description"=>"Imported 'Red Hat IT' organization from Red Hat Satellite 5", "default_info"=>{"system"=>[], "distributor"=>[]}, "id"=>2, "deletion_task_id"=>nil, "owner_auto_attach_all_systems_task_id"=>nil, "ancestry"=>nil, "created_at"=>"2014-04-14T09:21:49Z", "service_level"=>nil, "title"=>"Red Hat IT", "name"=>"Red Hat IT", "label"=>"Red_Hat_IT", "ignore_types"=>[], "service_levels"=>[]}}when creating a new user, the API return value is a simple user_hash. {"locations"=>[], "lastname"=>"another", "firstname"=>"another", "roles"=>[{"name"=>"Anonymous", "id"=>8}], "updated_at"=>"2014-04-14T09:26:32Z", "admin"=>nil, "last_login_on"=>nil, "usergroups"=>[], "organizations"=>[{"title"=>"Red Hat IT", "name"=>"Red Hat IT", "id"=>5}], "created_at"=>"2014-04-14T09:26:32Z", "mail"=>"root@localhost", "id"=>4, "auth_source_id"=>1, "auth_source_name"=>"Internal", "login"=>"another", "auth_source_internal"=>{"type"=>"AuthSourceInternal", "name"=>"Internal", "id"=>1}}	
Version-Release number of selected component (if applicable): sat6-Satellite-6.0.3-RHEL-6-20140404.0-Satellite-x86_64-dvd1.iso	
This is a request to unify to API parameter and return value encapsulation.	

Related issues:

Related to Foreman - Bug #6248: Some JSON responses are still nested in a roo...	Closed	06/17/2014
Related to Foreman - Bug #4181: V2: Api docs in foreman should not specify a ...	Rejected	01/24/2014
Related to Foreman - Bug #6674: Can't create a host via the API because param...	Duplicate	07/17/2014
Related to Foreman - Bug #6696: API v2 - specify the key in which the paramet...	Closed	07/20/2014

Associated revisions**Revision c980e9a8 - 07/15/2014 10:23 AM - Joseph Magen**

fixes #5178 - unify API parameters and return values. User creation should not require payload wrapped with 'user' root

History**#1 - 04/14/2014 01:40 PM - Thomas McKay**

- Project changed from Katello to Foreman
- Category set to API

Incorrectly put in katello project; fix is predominantly required in foreman to bring apiie params into compliance with documented style.

#2 - 04/14/2014 01:41 PM - Adam Price

- Priority changed from Normal to High

#3 - 04/15/2014 11:11 AM - David Davis

The first part of this bug (requiring params be nested) is the same as <http://projects.theforeman.org/issues/4181>.

The second part of this bug is a new issue.

#4 - 05/13/2014 12:34 PM - Joseph Magen

- Status changed from New to Ready For Testing
- Assignee set to Joseph Magen

PR 4181 is docs only, so it's not related to this.

This bug was caused by password [filtered] attributes not being wrapped, so POST /users didn't work unless the Hash was wrapped. Now it should work.

<https://github.com/theforeman/foreman/pull/1441>

#5 - 05/13/2014 12:49 PM - Joseph Magen

- Target version set to 1.8.3

#6 - 05/19/2014 12:41 PM - Anonymous

- Target version changed from 1.8.3 to 1.8.2

#8 - 05/22/2014 01:33 PM - Dominic Cleal

- Subject changed from unify API parameters and return values to Users API requires parameters to be wrapped

Return value of the taxonomy controllers has been moved to [#5580](#), it's an unrelated issue.

#9 - 06/03/2014 02:54 PM - Bryan Kearney

- Status changed from Ready For Testing to Closed

Downstream bug is fixed, closing this.

#10 - 06/03/2014 02:56 PM - Dominic Cleal

- Status changed from Closed to Ready For Testing

Please don't close issues that have open pull requests, irrespective of bugzilla states.

#11 - 06/11/2014 02:53 PM - Anonymous

- Target version changed from 1.8.2 to 1.8.1

#12 - 06/24/2014 08:25 AM - Dominic Cleal

- Related to Bug #6248: Some JSON responses are still nested in a root node added

#13 - 06/24/2014 08:25 AM - Dominic Cleal

- Related to Bug #4181: V2: Api docs in foreman should not specify a root node for POST/PUT added

#14 - 07/07/2014 07:21 AM - Anonymous

- Target version changed from 1.8.1 to 1.8.0

#15 - 07/15/2014 10:24 AM - The Foreman Bot

- Pull request <https://github.com/theforeman/foreman/pull/1441> added

#16 - 07/15/2014 11:01 AM - Joseph Magen

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [c980e9a8917cc9fdee5835732428462e22fa3f5b](#).

#17 - 07/21/2014 04:48 AM - Dominic Cleal

- translation missing: en.field_release set to 10

#18 - 07/21/2014 04:49 AM - Dominic Cleal

- Related to Bug #6674: Can't create a host via the API because params aren't correctly wrapped added

#19 - 07/21/2014 04:55 AM - Dominic Cleal

- Related to Bug #6696: API v2 - specify the key in which the parameters would be wrapped rather than passing model name added