Foreman - Bug #9815

HostGroup Clone doesn't work if the hostgroup has parameters

03/18/2015 01:03 PM - Tommy McNeely

Status:	Closed		
Priority:	Normal		
Assignee:	Christine Fouant		
Category:	Host groups		
Target version:	1.10.0		
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	1.7.3
Bugzilla link:		**Red Hat JIRA:**	
Pull request:	https://github.com/theforeman/foreman/pull/2661		

Description

I ran into an issue trying to clone a HostGroup in Foreman 1.7.3. it goes to a 404 page. Here is a demo video:
https://docs.google.com/a/lark-it.com/file/d/0Bw8r1SqN6Yt_TGVDa0YxQkFGY3c/edit?usp=drivesdk

It seems to only affect hostgroups that have **parameters**. I am able to clone hostgroups that do not have any parameters, even if they are nested several levels deep, with parent parameters.

Here is the difference between a "create" operation and a "clone" operation in logs:

- Create {code}
  Started POST "/hostgroups" for 67.176.44.123 at 2015-03-18 12:55:11 -0400
  Processing by HostgroupsController#create as HTML
  Parameters: {"utf8"=>"□", "authenticity_token"=>"(redacted)", "hostgroup"=>{"parent_id"=>"", "name"=>"CloneMe",
  "environment_id"=>"2", "compute_profile_id"=>"1", "puppet_ca_proxy_id"=>"1", "puppet_proxy_id"=>"1",
  "puppetclass_ids"=>[""], "domain_id"=>"2", "realm_id"=>"1", "architecture_id"=>"1", "operatingsystem_id"=>"1",
  "medium_id"=>"1", "ptable_id"=>"7", "root_pass"=>"[FILTERED]",
  "group_parameters_attributes"=>{"1426697695990"=>{"name"=>"MyParameter", "value"=>"[FILTERED]",
  "hidden_value"=>"[FILTERED]", "_destroy"=>"false", "nested"=>""}}, "organization_ids"=>[""], "id"=>""}, "commit"=>"Submit"}
  Redirected to https://foreman.lark-it.com/hostgroups
  Completed 302 Found in 174ms (ActiveRecord: 34.6ms) {code}

*Clone {code}
Started POST "/hostgroups" for 67.176.44.123 at 2015-03-18 12:55:45 -0400
Processing by HostgroupsController#create as HTML
Parameters: {"utf8"=>"□", "authenticity_token"=>"(redacted)", "hostgroup"=>{"parent_id"=>"", "name"=>"ClonedGroup",
"environment_id"=>"2", "compute_profile_id"=>"1", "puppet_ca_proxy_id"=>"1", "puppet_proxy_id"=>"1", "puppetclass_ids"=>[""],
"domain_id"=>"2", "realm_id"=>"1", "architecture_id"=>"1", "operatingsystem_id"=>"1", "medium_id"=>"1", "ptable_id"=>"7",
"root_pass"=>"[FILTERED]", "group_parameters_attributes"=>{"0"=>{"name"=>"MyParameter", "value"=>"[FILTERED]",
"hidden_value"=>"[FILTERED]", "_destroy"=>"false", "nested"=>"", "id"=>"22"}}, "organization_ids"=>[""], "id"=>""},
"commit"=>"Submit"}
Rendered common/404.html.erb within layouts/application (3.3ms)
Rendered layouts/base.html.erb (3.4ms)
Completed 404 Not Found in 53ms (Views: 10.7ms | ActiveRecord: 5.6ms) {code}

The difference appears to be: {code}
"group_parameters_attributes"=>{"0"=>{"name"=>"MyParameter", "value"=>"[FILTERED]", "hidden_value"=>"[FILTERED]",
"_destroy"=>"false", "nested"=>"", "id"=>"22"}} {code}

Hope this helps ;)

Related issues:

Related to Foreman - Bug #8521: Host clone should include associated Puppet c...	**Closed**	11/26/2014
Related to Foreman - Bug #9820: API: Hostgroup Clone does not clone parameters	**Closed**	03/18/2015
Related to Foreman - Bug #12566: New Host API changed host_parameters_attribu...	**Closed**	11/23/2015
Has duplicate Foreman - Bug #11218: Cloning hostgroup containing (a/any) para...	**Duplicate**	07/27/2015

Associated revisions

Revision 04fa19de - 09/18/2015 04:36 AM - Christine Fouant

fixes #9815 - Corrects group parameter cloning on hostgroup

History

#1 - 03/18/2015 01:25 PM - Tommy McNeely

Sorry, my formatting above sucked, been using JIRA too much :)

The key difference is the `"id"=>"22"` in the `group_parameters_attributes` section.

#2 - 03/18/2015 01:45 PM - Tommy McNeely

This may be as simple as changing "param.clone" to "param.dup"

https://gist.github.com/ericsaboia/994614

#3 - 03/18/2015 01:58 PM - Tommy McNeely

Confirmed in "develop" (1.8) .. and in debug mode, it also confirms that its crapping out on the group_parameter.

```
2015-03-18 11:56:46 [I] Started POST "/hostgroups" for 10.250.251.1 at 2015-03-18 11:56:46 -0600
2015-03-18 11:56:46 [I] Processing by HostgroupsController#create as HTML
2015-03-18 11:56:46 [I]    Parameters: {"utf8"=>"✓", "authenticity_token"=>"Y5APgFaxM+tTlwuDK7Dk7J9c4PG1EThzaga
zKfMX8V0=", "hostgroup"=>{"parent_id"=>"", "name"=>"Cloned", "environment_id"=>"1", "compute_profile_id"=>"1",
 "puppetclass_ids"=>[""], "domain_id"=>"1", "realm_id"=>"", "architecture_id"=>"1", "operatingsystem_id"=>"1",
 "medium_id"=>"1", "ptable_id"=>"7", "root_pass"=>"[FILTERED]", "group_parameters_attributes"=>{"0"=>{"name"=>
"TestParam1", "value"=>"[FILTERED]", "hidden_value"=>"[FILTERED]", "_destroy"=>"false", "nested"=>"", "id"=>"1
"}}, "location_ids"=>["", "1"], "organization_ids"=>["", "2"], "id"=>""}, "commit"=>"Submit"}
2015-03-18 11:56:46 [D]   User Load (0.1ms)  SELECT "users".* FROM "users" WHERE "users"."id" = ? LIMIT 1  [["
id", 3]]
2015-03-18 11:56:46 [D] Setting current user thread-local variable to admin
2015-03-18 11:56:46 [D]    (0.1ms)  SELECT COUNT(*) FROM "taxonomies" WHERE "taxonomies"."type" IN ('Organizat
ion')
2015-03-18 11:56:46 [D] Setting current organization thread-local variable to none
2015-03-18 11:56:46 [D]    (0.1ms)  SELECT COUNT(*) FROM "taxonomies" WHERE "taxonomies"."type" IN ('Location'
)
2015-03-18 11:56:46 [D] Setting current location thread-local variable to none
2015-03-18 11:56:46 [D]   AuthSource Load (0.4ms)  SELECT "auth_sources".* FROM "auth_sources" WHERE "auth_sou
rces"."id" = 1 LIMIT 1
2015-03-18 11:56:46 [D]    (0.1ms)  SELECT id FROM "taxonomies" WHERE "taxonomies"."type" IN ('Location') LIMI
T 1
2015-03-18 11:56:46 [D]    (0.1ms)  SELECT id FROM "taxonomies" WHERE "taxonomies"."type" IN ('Organization')
LIMIT 1
2015-03-18 11:56:46 [D]   Taxonomy Load (0.1ms)  SELECT "taxonomies".* FROM "taxonomies" WHERE "taxonomies"."i
d" = ? ORDER BY title LIMIT 1  [["id", 1]]
2015-03-18 11:56:46 [D]   Taxonomy Load (0.1ms)  SELECT "taxonomies".* FROM "taxonomies" WHERE "taxonomies"."i
d" = ? ORDER BY title LIMIT 1  [["id", 2]]
2015-03-18 11:56:46 [D]   GroupParameter Load (0.2ms)  SELECT "parameters".* FROM "parameters" WHERE "paramete
rs"."type" IN ('GroupParameter') AND "parameters"."reference_id" IS NULL AND "parameters"."id" IN (1) ORDER BY
 parameters.name
2015-03-18 11:56:46 [D] not found: Couldn't find GroupParameter with ID=1 for Hostgroup with ID=
2015-03-18 11:56:46 [I]   Rendered common/404.html.erb within layouts/application (1.8ms)
2015-03-18 11:56:46 [I]   Rendered layouts/base.html.erb (112.9ms)
2015-03-18 11:56:46 [I] Completed 404 Not Found in 135.5ms (Views: 117.5ms | ActiveRecord: 1.4ms)
```

#4 - 03/18/2015 02:07 PM - The Foreman Bot

- Status changed from New to Ready For Testing

- Pull request https://github.com/theforeman/foreman/pull/2243 added

- Pull request deleted ()

#5 - 03/18/2015 08:47 PM - Tommy McNeely

- Blocked by Bug #9820: API: Hostgroup Clone does not clone parameters added

#6 - 07/27/2015 06:12 AM - Dominic Cleal

- Has duplicate Bug #11218: Cloning hostgroup containing (a/any) parameter fails added

#7 - 08/18/2015 09:01 AM - Dominic Cleal

- Has duplicate Bug #11404: UI throws 'Host group Not Found' on cloning a existing hostgroup added

#8 - 08/18/2015 09:02 AM - Dominic Cleal

- Pull request https://github.com/theforeman/foreman/pull/2563 added

- Pull request deleted (https://github.com/theforeman/foreman/pull/2243)

#9 - 08/18/2015 09:02 AM - Dominic Cleal

- Related to Bug #8521: Host clone should include associated Puppet classes added

#10 - 09/10/2015 07:44 AM - Marek Hulán

- Pull request https://github.com/theforeman/foreman/pull/2661 added

- Pull request deleted (https://github.com/theforeman/foreman/pull/2563)

#11 - 09/18/2015 05:02 AM - Christine Fouant

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset 04fa19de12d453e3d30971c3e094ed53e11605f4.

#12 - 09/18/2015 05:06 AM - Dominic Cleal

- Blocked by deleted (Bug #9820: API: Hostgroup Clone does not clone parameters)

#13 - 09/18/2015 05:07 AM - Dominic Cleal

- Assignee set to Christine Fouant

- translation missing: en.field_release set to 63

#14 - 09/18/2015 05:10 AM - Dominic Cleal

- Related to Bug #9820: API: Hostgroup Clone does not clone parameters added

#15 - 11/23/2015 08:22 AM - Dominic Cleal

- Related to Bug #12566: New Host API changed host_parameters_attributes behavior added