

Foreman - Bug #6958

Hostgroup provisioning does not support nested groups

08/06/2014 09:54 AM - Dominic Cleal

Status: Closed	
Priority: Normal	
Assignee: Amir Fefer	
Category: Unattended installations	
Target version: 1.12.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1127267	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/3489	
Description	
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1127267	
Description of problem: The host group interface provides the opportunity to nest host groups, with host groups inheriting parameters from parents.	
When the default PXE menu is created however, this nesting is not replicated and only the final element of the hostgroup path is inserted into the kickstart URL.	
e.g. we might have nested groups:	
dev/SAPServers qa/SAPServers prod/SAPServers	
where dev, qa and prod have e.g. different root passwords.	
However, the PXE template generated will generate an identical kickstart URL for each group:	
http://foreman.example.com/unattended/template/kickstart-templ/SAPServers	
and all servers will install with parameters from the first host group (e.g. dev/SAPServers)	
Version-Release number of selected component (if applicable): 6 beta	
How reproducible: always	
Steps to Reproduce: 1. Set up nested host groups 2. Generate default PXE menu 3. PXE boot host 4. Hit tab to inspect the kickstart URL	
Actual results: As above, kickstart URL only contains the last path element of the hostgroup and therefore are not unique to each hostgroup	
Expected results: kickstart URLs should be unique to each hostgroup to ensure that @host.params are inherited from the correct parent hostgroup.	
Additional info:	

Associated revisions

Revision 06cd3955 - 05/06/2016 11:02 AM - Amir Fefer

Fixes #6958 - supports in nested hostgroup in default PXE menu

The host group interface provides the opportunity to nest hostgroups, with host groups inheriting parameters from parents. when the default PXE menu is created however, this nesting is not replicated, and only the final element of the hostgroup path is inserted into the kickstart URL.

History

#1 - 08/06/2014 09:55 AM - Dominic Cleal

- Category set to *Unattended installations*

#2 - 03/18/2016 11:15 AM - Bryan Kearney

Proposed patch from downstream.

```
patch p0 | f << EOF
- /usr/share/foreman/app/controllers/unattended_controller.rb
+++ /usr/share/foreman/app/controllers/unattended_controller.rb
@ -44,7 +44,7 @
return head(:not_found) unless (params.has_key?("id") and params.has_key?(:hostgroup))

template = ConfigTemplate.find_by_name(params['id'])
-   @host = Hostgroup.find_by_name(params['hostgroup'])
+   @host = Hostgroup.find_by_title(params['hostgroup'].gsub(':', '/'))

return head(:not_found) unless template and @host

EOF
patch p0 | f << EOF
- /usr/share/foreman/app/controllers/api/v2/config_templates_controller.rb
+++ /usr/share/foreman/app/controllers/api/v2/config_templates_controller.rb
@ -97,7 +97,7 @ module Api

url_for :only_path => false, :action => :template, :controller => '/unattended',
      :protocol => protocol, :host => host, :port => port,
-     :id => template.name, :hostgroup => hostgroup.name
+     :id => template.name, :hostgroup => hostgroup.title.gsub('/', ':')
      end

def process_template_kind

EOF
patch p0 | f << EOF
- /usr/share/foreman/app/controllers/config_templates_controller.rb
+++ /usr/share/foreman/app/controllers/config_templates_controller.rb
@ -69,7 +69,7 @

def default_template_url template, hostgroup
  url_for :only_path => false, :action => :template, :controller => '/unattended',
-   :id => template.name, :hostgroup => hostgroup.name
+   :id => template.name, :hostgroup => hostgroup.title.gsub('/', ':')
  end

def controller_permission

EOF
```

#3 - 03/22/2016 04:35 AM - Ohad Levy

- Assignee set to *Amir Fefer*

#4 - 05/03/2016 09:52 AM - The Foreman Bot

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

- Pull request <https://github.com/foreman/foreman/pull/3489> added

#5 - 05/06/2016 12:02 PM - Amir Fefer

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

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

Applied in changeset [06cd3955c9b2b48289e6698b195f4e36ad8aefbc](#).

#6 - 05/09/2016 04:23 AM - Dominic Cleal

- translation missing: en.field_release set to 136