

## Foreman - Bug #6710

### Cannot edit host group if its name only contains UTF-8 characters

07/22/2014 03:07 AM - Dominic Cleal

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Tomáš Strachota	
<b>Category:</b>	Web Interface	
<b>Target version:</b>	1.7.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>		<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1154187	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/theforeman/foreman/pull/1685">https://github.com/theforeman/foreman/pull/1685</a>	

#### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1121755](https://bugzilla.redhat.com/show_bug.cgi?id=1121755)

Description of problem:

Created a new hostgroup with the name '000000000000000000000000' then tried to edit it via the web ui. As soon as I click the link for the hostgroup I get a page stating:

```
Host Group Not Found
```

I noticed that the URL being accessed is missing the name for the hostgroup:

```
/hostgroups/2-/edit
```

The URL should have the name of the hostgroup after its index:

```
/hostgroups/2-&lt;NAME GOES HERE&gt;/edit
```

Version-Release number of selected component (if applicable):

- apr-util-ldap-1.3.9-3.el6\_0.1.x86\_64
- candlepin-0.9.19-1.el6\_5.noarch
- candlepin-scl-1-5.el6\_4.noarch
- candlepin-scl-quartz-2.1.5-5.el6\_4.noarch
- candlepin-scl-rhino-1.7R3-1.el6\_4.noarch
- candlepin-scl-runtime-1-5.el6\_4.noarch
- candlepin-selinux-0.9.19-1.el6\_5.noarch
- candlepin-tomcat6-0.9.19-1.el6\_5.noarch
- elasticsearch-0.90.10-4.el6sat.noarch
- foreman-1.6.0.29-1.el6sat.noarch
- foreman-compute-1.6.0.29-1.el6sat.noarch
- foreman-gce-1.6.0.29-1.el6sat.noarch
- foreman-libvirt-1.6.0.29-1.el6sat.noarch
- foreman-ovirt-1.6.0.29-1.el6sat.noarch
- foreman-postgresql-1.6.0.29-1.el6sat.noarch
- foreman-proxy-1.6.0.21-1.el6sat.noarch
- foreman-selinux-1.6.0-8.el6sat.noarch
- foreman-vmware-1.6.0.29-1.el6sat.noarch
- katello-1.5.0-27.el6sat.noarch
- katello-ca-1.0-1.noarch
- katello-certs-tools-1.5.6-1.el6sat.noarch
- katello-installer-0.0.56-1.el6sat.noarch
- openldap-2.4.23-32.el6\_4.1.x86\_64
- pulp-katello-0.3-3.el6sat.noarch
- pulp-nodes-common-2.4.0-0.23.beta.el6sat.noarch
- pulp-nodes-parent-2.4.0-0.23.beta.el6sat.noarch
- pulp-puppet-plugins-2.4.0-0.23.beta.el6sat.noarch

- pulp-puppet-tools-2.4.0-0.23.beta.el6sat.noarch
- pulp-rpm-plugins-2.4.0-0.23.beta.el6sat.noarch
- pulp-selinux-2.4.0-0.23.beta.el6sat.noarch
- pulp-server-2.4.0-0.23.beta.el6sat.noarch
- python-ldap-2.3.10-1.el6.x86\_64
- ruby193-rubygem-net-ldap-0.3.1-3.el6sat.noarch
- ruby193-rubygem-runcible-1.1.0-2.el6sat.noarch
- rubygem-hammer\_cli-0.1.1-10.el6sat.noarch
- rubygem-hammer\_cli\_foreman-0.1.1-12.el6sat.noarch
- rubygem-hammer\_cli\_foreman\_tasks-0.0.3-3.el6sat.noarch
- rubygem-hammer\_cli\_katello-0.0.4-8.el6sat.noarch

How reproducible:

Steps to Reproduce:

1. Create a new hostgroup using the following name and save it: `XXXXXXXXXXXXXXXXXXXXXXXXXXXX`
2. Try to edit it via UI
- 3.

Actual results:

You'll get a Host Group Not Found page (see screenshot)

Expected results:

Additional info:

**Related issues:**

Related to Foreman - Bug #8056: "The page you were looking for doesn't exist...."	<b>Closed</b>	<b>10/23/2014</b>
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**Associated revisions**

**Revision e768c976 - 10/22/2014 11:56 AM - Tomáš Strachota**

Fixes #6710 - unicode characters in url parameters

Original methods to `_param` defined on resources called `name.parameterize` to get rid of url-unsafe characters. This function unfortunately also stripped off unicode characters.

Changes:

- parameterization extracted into a separate module `Parameterizable`
- each resource defines methods `'to_param'` and `'from_param'` to ensure correct search
- views updated to always use `to_param` when building links
- parameterization changed to `id+name` for resources where it wasn't safe to rely only on names
- default parameter is `id`

**History**

**#1 - 07/22/2014 03:10 AM - Dominic Cleal**

- *Category set to Web Interface*

The host group name causes `#to_param` to return "22-" (the ID and a hyphen) as the name parameterises to an empty string (due to the UTF-8). The bug appears to be in `find_by_name` in `application_controller`, which isn't parsing "22-" correctly and looking it up by ID only.

**#2 - 07/24/2014 10:49 AM - Dominic Cleal**

Same issue if you create a template with the name "" ([https://bugzilla.redhat.com/show\\_bug.cgi?id=1121516](https://bugzilla.redhat.com/show_bug.cgi?id=1121516)).

**#3 - 07/28/2014 05:50 AM - Dominic Cleal**

And naturally, every other resource type.

- compute resources ([https://bugzilla.redhat.com/show\\_bug.cgi?id=1123352](https://bugzilla.redhat.com/show_bug.cgi?id=1123352))
- archs ([https://bugzilla.redhat.com/show\\_bug.cgi?id=1123388](https://bugzilla.redhat.com/show_bug.cgi?id=1123388))

**#4 - 08/12/2014 02:59 AM - Ohad Levy**

Dominic Cleal wrote:

And naturally, every other resource type.

- compute resources ([https://bugzilla.redhat.com/show\\_bug.cgi?id=1123352](https://bugzilla.redhat.com/show_bug.cgi?id=1123352))
- archs ([https://bugzilla.redhat.com/show\\_bug.cgi?id=1123388](https://bugzilla.redhat.com/show_bug.cgi?id=1123388))

I'm wondering if we should allow non UTF8 chars in general, for sure it doesnt make sense for archs.

@Dominic, do you happen to know if puppet handles UTF8 correctly? e.g. if the ENC output will contain a hostgroup / compute resource etc in utf8?

**#5 - 08/12/2014 03:22 AM - Dominic Cleal**

I'm not sure, we've had some Unicode ENC issues in the past as Ruby encodes the YAML in a bizarre manner, however not supporting Unicode will probably cause more problems unless it's unavoidable.

**#6 - 08/12/2014 03:22 AM - Dominic Cleal**

- Target version set to 1.7.5

**#7 - 08/12/2014 04:27 AM - Tomáš Strachota**

- Status changed from New to Assigned

- Assignee set to Tomáš Strachota

**#8 - 08/13/2014 07:53 AM - The Foreman Bot**

- Status changed from Assigned to Ready For Testing

- Pull request <https://github.com/theforeman/foreman/pull/1685> added

- Pull request deleted ()

**#9 - 08/20/2014 06:50 AM - Anonymous**

- Target version changed from 1.7.5 to 1.7.4

**#10 - 09/10/2014 07:21 AM - Anonymous**

- Target version changed from 1.7.4 to 1.7.3

**#11 - 09/30/2014 10:46 AM - Dominic Cleal**

- Target version changed from 1.7.3 to 1.7.2

**#12 - 10/13/2014 04:17 AM - Tomáš Strachota**

The problem with not being able to edit unicode-named resources was fixed by

```
commit 8b737c9c7648b3726dadb3b2e4708fcb43af02a8
Author: Joseph Magen <jmagen@redhat.com>
Date: Tue Sep 23 12:02:52 2014 +0300
```

```
fixes #4386 - gem friendly_id to simplify find by id, name, label, etc
```

which conflicted with my solution but was merged faster.

I updated my PR and keep it open as it still makes the url look nicer (keeps unicode characters there) and fixes links in various ui templates.

**#13 - 10/20/2014 04:11 AM - Dominic Cleal**

- Bugzilla link changed from 1121755 to 1154187

**#14 - 10/22/2014 12:01 PM - Anonymous**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [e768c9761528c64fcc289c391091fccc63e82ff8](https://bugzilla.redhat.com/show_bug.cgi?id=1154187).

**#15 - 10/27/2014 05:51 AM - Dominic Cleal**

- Related to Bug #8056: "The page you were looking for doesn't exist." for smart proxy 'Refresh Features' and Editing added

**#16 - 10/28/2014 03:55 AM - Dominic Cleal**

- translation missing: en.field\_release set to 21

