

## Foreman - Bug #1716

### Strip whitespace on hostname save, invalidate input on embedded whitespace

06/28/2012 05:08 AM - Mikael Fridh

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Mikael Fridh	
<b>Category:</b> Host creation	
<b>Target version:</b> 1.0	
<b>Difficulty:</b> trivial	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
hostname input should probably strip/trim whitespace and possibly invalidate input with whitespace in it (which it may already do, didn't check yet)	
Recently we had a case where an engineer copy/pasted a hostname string from some other source, pasted it in the host create window and there was a trailing whitespace (I believe a tab in this case).	
This may be overly explicit but I'll paste some log snippets anyway:	
<pre>Processing HostsController#create (for 10.0.9.9 at 2012-06-27 19:24:11) [POST]   Parameters: {"commit"=&gt;"Submit", "action"=&gt;"create", "name"=&gt;"Un-provisioned-777777 "} Add DNS PTR record for Un-provisioned-777777 .prod.example.net Add DNS A record for Un-provisioned-777777 .prod.example.net/10.61.9.52 Create DHCP reservation for Un-provisioned-777777 .prod.example.net-00:11:22:33:44:55/10.61.9.52 Add the TFTP configuration for Un-provisioned-777777 .prod.example.net Fetching required TFTP boot files for Un-provisioned-777777 .prod.example.net Redirected to https://foreman.prod.example.net/hosts/Un-provisioned-777777%20.prod.example.net  Processing UnattendedController#provision (for 10.61.9.52 at 2012-06-27 19:29:55) [GET] Found Un-provisioned-777777 .prod.example.net Remove puppet certificate for Un-provisioned-777777 .prod.example.net Failed to remove Un-provisioned-777777 .prod.example.net's puppet certificate: bad URI(is not URI?): http://admin-lv-1.prod.example.net:8443/puppet/ca/Un-provisioned-777777 .prod.example.net Filter chain halted as [:handle_ca] rendered_or_redirected. Completed in 8ms (View: 0, DB: 2)   200 OK [http://foreman.prod.example.net/unattended/provision]  Processing HostsController#update (for 10.0.9.9 at 2012-06-27 21:13:50) [PUT]   Parameters: {"commit"=&gt;"Submit", "action"=&gt;"update", "_method"=&gt;"put", "authenticity_token"=&gt;"R5YHORYKEC10DkTXd7tcK+G0ZvDiqbTUqCRo6MBX2wU=", "id"=&gt;"Un-provisioned-777777 .prod.example.net", "controller"=&gt;"hosts", "host"=&gt;{"comment"=&gt;"", "architecture_id"=&gt;"1", "subnet_id"=&gt;"12", "managed"=&gt;"1", "puppetproxy_id"=&gt;"2", "name"=&gt;"Un-provisioned-777777", "sp_mac"=&gt;"", "puppetmaster_name"=&gt;"admin-lv-1.prod.example.net", "sp_name"=&gt;"", "mac"=&gt;"00:21:9b:a7:7e:a1", "domain_id"=&gt;"2", "enabled"=&gt;"1", "root_pass"=&gt;"[FILTERED]", "medium_id"=&gt;"6", "hostgroup_id"=&gt;"26", "is_owned_by"=&gt;"2-Users", "ptable_id"=&gt;"14", "sp_subnet_id"=&gt;"", "ip"=&gt;"10.61.9.52", "environment_id"=&gt;"23", "model_id"=&gt;"", "disk"=&gt;"", "sp_ip"=&gt;"", "puppetclass_ids"=&gt;[""], "operatingsystem_id"=&gt;"19"}} Delete the DNS PTR record for Un-provisioned-777777 .prod.example.net/10.61.9.52 Delete the DNS A record for Un-provisioned-777777 .prod.example.net/10.61.9.52 Remove DNS record for Un-provisioned-777777 .prod.example.net task failed with the following error: bad URI(is not URI?): http://admin-lv-1.prod.example.net:8443/dns/Un-provisioned-777777 .prod.example.net Rolling back due to a problem: Remove DNS record for Un-provisioned-777777 .prod.example.net 1   failed Un-provisioned-777777 .prod.example.netdel_dns_a_record Add DNS PTR record for Un-provisioned-777777 .prod.example.net/10.61.9.52 Failed to save: Remove DNS record for Un-provisioned-777777 .prod.example.net task failed with the following error: bad URI(is not URI?): http://admin-lv-1.prod.example.net:8443/dns/Un-provisioned-777777 .prod.example.net Rendering template within layouts/application</pre>	

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Rendering hosts/edit
Completed in 1342ms (View: 1058, DB: 16) | 200 OK [https://foreman.prod.example.net/hosts/Un-provi
sioned-777777%20.prod.example.net]

Processing HostsController#toggle_manage (for 10.0.9.9 at 2012-06-27 21:14:02) [PUT]
Parameters: {"action"=>"toggle_manage", "_method"=>"put", "authenticity_token"=>"R5YHORYKEC10DkT
Xd7tcK+G0ZvDiqbTUqCRo6MBX2wU=", "id"=>"Un-provisioned-777777.prod.example.net", "controller"=>"hos
ts"}
Rendering template within layouts/application
Rendering common/404 (404)
Filter chain halted as [:find_by_name] rendered_or_redirected.
Completed in 28ms (View: 23, DB: 2) | 404 Not Found [https://foreman.prod.example.net/hosts/Un-pro
visioned-777777.prod.example.net/toggle_manage]

Eventually had to edit the dhcp leases file by hand.
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## Associated revisions

### Revision d860ed4e - 07/03/2012 04:02 AM - Mikael Fridh

fixes #1716 - remove whitespace from hostname

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## History

### #1 - 07/01/2012 03:37 PM - Ohad Levy

- Assignee changed from Ohad Levy to Mikael Fridh

i would add `self.gsub!(/\s/,")` to the normalize hostname method.

also, its important to come with sane test cases as well for this pathch

### #2 - 07/02/2012 05:34 PM - Mikael Fridh

Ohad Levy wrote:

i would add `self.gsub!(/\s/,")` to the normalize hostname method.

Yes, you're right. Adding the simple gsub for now. Had a version that did strip (for leading and trailing whitespace) followed by rfc952/rfc1123-like hostname validation but scrapping it for now.

### #3 - 07/03/2012 04:55 AM - Mikael Fridh

- Status changed from New to Closed

- % Done changed from 0 to 100

Applied in changeset [d860ed4ecc4e0bc6c0daeb62f807d9dd1418de1c](#).