

## Foreman - Bug #12284

### host group parameter overrides reformatting YAML values to strings

10/23/2015 09:53 AM - Kerguillec Paul

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Parameters	
<b>Target version:</b>	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b> 1.10.0
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
Adding an override to a smart class parameter of type YAML from host groups with the value:	
<pre>--- - Apple - Orange - Strawberry - Mango</pre>	
results in the host edit form showing the parameter as:	
<pre>--- ! '- Apple    - Orange    - Strawberry    - Mango '</pre>	
As a workaround I override it again from host. For mor complexe yaml example you may found "\n"	
<b>Related issues:</b>	
Related to Foreman - Bug #11375: Smart class parameters turn YAML to string w...	<b>Closed</b> <b>08/16/2015</b>
Related to Foreman - Bug #14292: Child hostgroup cloning issue with array par...	<b>Resolved</b>

### History

#### #1 - 10/23/2015 09:54 AM - Dominic Cleal

- Related to Bug #11375: Smart class parameters turn YAML to string when using a multi line yaml added

#### #2 - 10/23/2015 09:55 AM - Dominic Cleal

- Description updated

- Category set to Parameters

#### #3 - 10/30/2015 07:00 AM - Dominic Cleal

- Assignee deleted (Dominic Cleal)

It's a related but definitely different to [#11375](#) it seems.

The UI (app/views/puppetclasses/\_class\_parameters.html.erb and host\_key\_with\_diagnostic helper) attempts to reverse LookupValue#value - which it expects to return a hash or array for a YAML parameter - in order to display it in the textbox. It does this essentially by calling LookupKey#value\_before\_type\_cast(LookupValue's value) in the helper.

However it retrieves the list of LookupValues applicable to the host by calling Classification::ClassParam (via the value\_hash\_cache helper). In Classification::Base#update\_generic\_matcher, it calls LookupKey#value\_before\_type\_cast so the value is actually the YAML string rather than the hash/array.

When this string is passed back, as above, it calls value\_before\_type\_cast but with the YAML string, causing a second level of YAML in the textbox instead of the original one level.

Changing the behaviour of update\_generic\_matcher to get .value means further changes in the classification to ensure the ENC output still works (it attempts to type cast it again I think).

**#4 - 10/30/2015 09:18 PM - Hector Elenes**

- File after-submit.png added

- File before-submit.png added

I'm seeing this issue in 1.9.2. Attached screenshots. The current workaround is making the parameter overrides in the Puppet Class > Smart Class Parameter page.

**#5 - 11/02/2015 02:55 AM - Dominic Cleal**

Hector, your issue is [#11375](#) (due for 1.9.3 tomorrow) as it's just editing/saving of overrides. This bug is specifically about overriding of a value inherited from a host group.

**#6 - 11/02/2015 09:05 AM - Hector Elenes**

Dominic Cleal wrote:

Hector, your issue is [#11375](#) (due for 1.9.3 tomorrow) as it's just editing/saving of overrides. This bug is specifically about overriding of a value inherited from a host group.

Thank you Dominic!

**#7 - 12/23/2015 07:01 AM - Kerguillec Paul**

Hi Dominic, it's not fixed in RC3 release ?

I have also noticed the related (same ?) issue from "Default Behavior" by editing smart class parameters inside edit parameter class subsection.

**#8 - 12/23/2015 07:24 AM - Dominic Cleal**

Kerguillec Paul wrote:

Hi Dominic, it's not fixed in RC3 release ?

No, the issue is marked "New" so is unfixed.

**#9 - 03/21/2016 08:07 AM - Dominic Cleal**

- Related to Bug #14292: Child hostgroup cloning issue with array parameters added

**Files**

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before-submit.png	135 KB	10/30/2015	Hector Elenes
after-submit.png	149 KB	10/30/2015	Hector Elenes