

## Foreman - Bug #12566

### New Host API changed host\_parameters\_attributes behavior

11/23/2015 07:32 AM - Lukas Zapletal

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Lukas Zapletal	
<b>Category:</b> API	
<b>Target version:</b> 1.10.1	
<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> <a href="https://github.com/foreman/foreman/pull/2928">https://github.com/foreman/foreman/pull/2928</a>	
<b>Description</b>	
This API call used to work:	
<pre>{   "host": {     "name": "test",     "mac": "AA:BB:CC:DD:EE:F1",     "organization_id": 3,     "location_id": 2,     "hostgroup_id": 7,     "host_parameters_attributes": [       {         "name": "compute_resource_id",         "value": "1",         "_destroy": "false",         "nested": "false"       }     ]   } }</pre>	
Now it fails with ActiveRecord::UnknownAttributeError: unknown attribute: nested. Regression, looks like some nesting changes broke this, since oVirt uses this API (via discovery), we should consider a portability fix.	
<b>Related issues:</b>	
Related to Discovery - Bug #12516: PUT request for discovered_hosts/[id] fail...	<b>Closed</b> 11/18/2015
Related to Foreman - Bug #9815: HostGroup Clone doesn't work if the hostgroup...	<b>Closed</b> 03/18/2015
Related to Hammer CLI - Bug #12090: foreman-cli 0.4 does not work with forema...	<b>Closed</b> 10/07/2015

#### Associated revisions

##### Revision 7ee381e9 - 01/14/2016 07:48 AM - Lukas Zapletal

Fixes #12566 - host\_parameters\_attributes accepts nested flag

##### Revision 72ddea3c - 01/19/2016 09:18 AM - Lukas Zapletal

Fixes #12566 - host\_parameters\_attributes accepts nested flag

#### History

##### #1 - 11/23/2015 07:33 AM - Lukas Zapletal

- Related to Bug #12516: PUT request for discovered\_hosts/[id] fails with "unknown attribute: nested" added

##### #2 - 11/23/2015 07:37 AM - Dominic Cleal

- Status changed from New to Feedback

host\_parameters\_attributes should only be used by the UI, not in the API - this shouldn't be considered a stable API.

We have a stable CRUD interface for parameters under /api/v2/hosts/:id/parameters.

### #3 - 11/23/2015 08:13 AM - Lukas Zapletal

- Status changed from Feedback to New

Well, we apparently expose this, it is documented and in use apparently. This is a regression and this is a valid ticket.

```
/home/lzap/work/foreman/app/controllers/api/v1/hosts_controller.rb:
```

```
46     param :puppet_ca_proxy_id, :number
47     param :image_id, :number
48:    param :host_parameters_attributes, Array
49     param :build, :bool
50     param :enabled, :bool
```

```
..
```

```
88     param :puppet_ca_proxy_id, :number
89     param :image_id, :number
90:    param :host_parameters_attributes, Array
91     param :build, :bool
92     param :enabled, :bool
```

```
/home/lzap/work/foreman/app/controllers/api/v2/hosts_controller.rb:
```

```
63     param :puppet_ca_proxy_id, :number
64     param :image_id, :number
65:    param :host_parameters_attributes, Array
66     param :build, :bool
67     param :enabled, :bool
```

Another CRUD is not a option for discovery users as the host is rebooted immediately.

### #4 - 11/23/2015 08:22 AM - Dominic Cleal

- Related to Bug #9815: HostGroup Clone doesn't work if the hostgroup has parameters added

### #5 - 11/23/2015 08:35 AM - Lukas Zapletal

Thanks for the link, my plan is to make sure the nested attribute is ignored as oVirt and RHEV already uses this API :-)

I will make a patch.

### #6 - 11/23/2015 08:45 AM - Dominic Cleal

- translation missing: en.field\_release set to 63

Be sure to mark it as deprecated then, it really shouldn't be used IMHO.

### #7 - 11/23/2015 09:12 AM - Lukas Zapletal

Do you mean to flag whole host\_parameters\_attributes as deprecated?

In discovery workflow, users cannot do more than one request. What if we simply filter out everything, but key/value pairs for both API V2 controllers (host/hostgroup)? That could do it.

### #8 - 11/23/2015 09:18 AM - Dominic Cleal

Lukas Zapletal wrote:

Do you mean to flag whole host\_parameters\_attributes as deprecated?

The "nested" attribute. I'd suggest a stern warning too on host\_parameters\_attributes, but probably not deprecate it formally.

### #9 - 11/23/2015 10:04 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Lukas Zapletal

- Pull request <https://github.com/theforeman/foreman/pull/2928> added

### #10 - 12/11/2015 06:43 AM - Dominic Cleal

- translation missing: en.field\_release changed from 63 to 104

**#11 - 01/04/2016 05:39 AM - Dominic Cleal**

- Related to Bug #12090: foreman-cli 0.4 does not work with foreman 1.10-dev added

**#12 - 01/14/2016 08:04 AM - Lukas Zapletal**

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [7ee381e96915cf019f3f86830df0f79c5280e46e](#).