

## Foreman - Bug #21169

### PUT on api/v2/operatingsystem/.../os\_default\_template/... is broken

10/02/2017 09:57 AM - Matthias Dellweg

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b>	
<b>Difficulty:</b>	<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>	
<p>I tried to update the template to os association via APIv2 doing things like this (with different payloads)</p> <pre>\$ curl -u admin:changeme -k https://centos7-devel/api/v2/operatingsystems/1/os_default_templates/2 -X PUT -H 'Content-Type: application/json' -d '{"id": 2, "provisioning_template_id": 97, "template_kind_id": 6, "operatingsystem_id": 1, "config_template_id": 97}'</pre> <p>and got this error:</p> <pre>{   "error": {"message": "Resource os_default_template not found by id '2'"} }</pre> <p>I do not think, the "os_default_template" is what could not be found, because</p> <pre>\$ curl -u admin:changeme -k https://centos7-devel/api/v2/operatingsystems/1/os_default_templates/2</pre> <p>got me this:</p> <pre>{"id":2,"provisioning_template_id":41,"provisioning_template_name":"Preseed default finish","template_kind_id":6,"template_kind_name":"finish","operatingsystem_id":1,"operatingsystem_name":"Debian stretch","config_template_id":41,"config_template_name":"Preseed default finish"}</pre> <p>Actually, i am trying to get this to work with nailgun, but i thought, the curl version is easier to debug.</p>	

## History

### #1 - 10/04/2017 02:04 PM - Matthias Dellweg

It seems, that the `template_kind_id` and `provisioning_template_id` should not be part of the first level dict in the payload. If they are wrapped in to a `os_default_template` dict (as shown below) it works. Maybe this was actually a nailgun error (see also: <https://travis-ci.org/SatelliteQE/nailgun/jobs/283306637>).

```
{"os_default_template": {"template_kind_id": 6, "provisioning_template_id": 97}} {"id": 2, "operatingsystem_id": 1, "os_default_template": {"template_kind_id": 6, "provisioning_template_id": 97}}
```

Having the `provisioning_template_id` directly in the params dict confuses foremans `base_controller` to deduce the right `parent_class` and results in an empty scope.

### #2 - 10/04/2017 02:07 PM - Matthias Dellweg

Sorry, wrong link. I meant:  
<https://github.com/SatelliteQE/nailgun/pull/448>

### #3 - 10/05/2017 06:09 AM - Matthias Dellweg

Somehow this [https://bugzilla.redhat.com/show\\_bug.cgi?id=1151220](https://bugzilla.redhat.com/show_bug.cgi?id=1151220) seems to be related.

Personally i do not think that this unwrapping of Params is a good thing anyway. And this particular problem shows, that it may fail in unpredictable

ways. All in all it is not too complicated to wrap the Entity you want to change in a separate block of your json payload.