

## Foreman - Bug #19335

### Adding media via the REST API does not correctly associate org/location

04/20/2017 01:13 PM - James Shewey

<b>Status:</b> Duplicate	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> API	
<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>	
When attempting to add Installation Media via the REST API, the location_ids and organization_ids are ignored and not set with the arrays returning empty:	
<pre>curl -i -k -u admin:example -H "Content-Type: application/json" -X POST -d '{"name":"CentOS", "os_family":"Redhat", "path":"http://mirrors.centos.org/7/os/x86_64", "location_ids":[2], "organization_ids":[1]}' <a href="https://localhost/api/media">https://localhost/api/media</a></pre>	
HTTP/1.1 201 Created Date: Thu, 20 Apr 2017 17:05:54 GMT Server: Apache/2.4.6 (CentOS) X-Frame-Options: SAMEORIGIN X-XSS-Protection: 1; mode=block X-Content-Type-Options: nosniff Foreman_version: 1.13.4 Foreman_api_version: 2 ApiPie-Checksum: 65f3b03cf7258e6366609106bbcf2e9a Cache-Control: max-age=0, private, must-revalidate X-Request-Id: 0dafaeca-32bf-4efe-beb1-2d5923cedc20 X-Runtime: 0.092155 X-Powered-By: Phusion Passenger 4.0.53 Set-Cookie: request_method=POST; path=/ Set-Cookie: _session_id=57a8066b95c5b6aa50241286a6696122; path=/; secure; HttpOnly ETag: W/"391dfc43bf76631e346499f473b2cff7" Status: 201 Created Transfer-Encoding: chunked Content-Type: application/json; charset=utf-8	
<pre>{"path":"http://mirrors.centos.org/7/os/x86_64","os_family":"Redhat","created_at":"2017-04-20 17:05:54 UTC","updated_at":"2017-04-20 17:05:54 UTC","id":25,"name":"CentOS","operatingsystems":[],"locations":[],"organizations":[]}</pre>	
I have verified the location and organization IDs are correct.	
<b>Related issues:</b>	
Is duplicate of Foreman - Bug #6991: API v2 - support unwrapped POST/PUT para...	<b>New</b> <b>08/07/2014</b>

### History

#### #1 - 04/20/2017 01:27 PM - James Shewey

Similarly:

```
[root@localhost ~]# curl -i -k -u admin:218B0DwX5x9rkPKQNIHp -H "Content-Type: application/json" -X PUT -d '{"location_ids":[2]}' https://localhost/api/media/25
HTTP/1.1 200 OK
Date: Thu, 20 Apr 2017 17:21:44 GMT
Server: Apache/2.4.6 (CentOS)
X-Frame-Options: SAMEORIGIN
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
```

Foreman\_version: 1.13.4  
Foreman\_api\_version: 2  
ApiPie-Checksum: 65f3b03cf7258e6366609106bbcf2e9a  
Cache-Control: max-age=0, private, must-revalidate  
X-Request-Id: a353823d-3b35-4968-8a63-266bea8fffa2  
X-Runtime: 0.068420  
X-Powered-By: Phusion Passenger 4.0.53  
Set-Cookie: request\_method=PUT; path=/  
Set-Cookie: \_session\_id=5a582e06ca1765b7f426fed537af5f7c; path=/; secure; HttpOnly  
ETag: W/"c105aa9f477eea37076fec2e6f1f2702"  
Status: 200 OK  
Vary: Accept-Encoding  
Transfer-Encoding: chunked  
Content-Type: application/json; charset=utf-8

```
{ "path": "http://mirrors.centos.org/7/os/x86_64", "os_family": "Redhat", "created_at": "2017-04-20 17:05:54 UTC", "updated_at": "2017-04-20 17:19:41 UTC", "id": "25", "name": "CentOSTest", "operatingsystems": [], "locations": [], "organizations": [] }  
[root@localhost ~]# curl -i -k -u admin:218B0DwX5x9rkPKQNIHp -H "Content-Type: application/json" -X PUT -d '{"organization_ids": [2]}'  
https://localhost/api/media/25
```

HTTP/1.1 200 OK  
Date: Thu, 20 Apr 2017 17:22:31 GMT  
Server: Apache/2.4.6 (CentOS)  
X-Frame-Options: SAMEORIGIN  
X-XSS-Protection: 1; mode=block  
X-Content-Type-Options: nosniff  
Foreman\_version: 1.13.4  
Foreman\_api\_version: 2  
ApiPie-Checksum: 65f3b03cf7258e6366609106bbcf2e9a  
Cache-Control: max-age=0, private, must-revalidate  
X-Request-Id: a2362dee-46f5-4e2b-8e12-5b59a05c435d  
X-Runtime: 0.067945  
X-Powered-By: Phusion Passenger 4.0.53  
Set-Cookie: request\_method=PUT; path=/  
Set-Cookie: \_session\_id=2f4e94e9c0b514d6a681d819dcb3ec2a; path=/; secure; HttpOnly  
ETag: W/"c105aa9f477eea37076fec2e6f1f2702"  
Status: 200 OK  
Vary: Accept-Encoding  
Transfer-Encoding: chunked  
Content-Type: application/json; charset=utf-8

```
{ "path": "http://mirrors.centos.org/7/os/x86_64", "os_family": "Redhat", "created_at": "2017-04-20 17:05:54 UTC", "updated_at": "2017-04-20 17:19:41 UTC", "id": "25", "name": "CentOSTest", "operatingsystems": [], "locations": [], "organizations": [] }
```

## #2 - 04/25/2017 01:11 AM - James Shewey

This is a documentation/API bug. Two bugs really. First, the API should throw a proper error. Secondly, the documentation indicates the correct syntax is:

```
medium[operatingsystem_ids]  
optional , nil allowed  
Validations: Must be an array of any type
```

However,

The syntax is:

```
curl -i -k -u admin:example -H "Content-Type: application/json" -X PUT -d '{"locations": [{"id": 1}]}' https://localhost/api/media/30/
```

So, in summary:

- 1) API does not properly throw error
- 2) Documentation indicates wrong parameter name ("example\_ids" should be "examples")
- 3) Documentation states this takes an array of any type; it does not. It takes an array of hashes

## #3 - 05/03/2017 02:41 PM - Justin Sherrill

- Project changed from Katello to Foreman

This isn't katello related, so moving to foreman

## #4 - 05/04/2017 03:18 AM - Dominic Cleal

- Is duplicate of Bug #6991: API v2 - support unwrapped POST/PUT parameters even though it's not documented added

**#5 - 05/04/2017 03:18 AM - Dominic Cleal**

- *Category set to API*
- *Status changed from New to Duplicate*
- *translation missing: en.field\_release deleted (226)*

Thanks for the report, this is tracked under [#6991](#) (originally [#8017](#)).

To work around the issue, wrap the request in a {"medium":{.}} hash and the location\_ids/organization\_ids attributes will be correctly assigned.