

Orchestrator - Bug #43972

rook: 'Device' object has no attribute 'swagger_types'

02/05/2020 09:19 AM - Sebastian Wagner

Status:	Resolved	% Done:	0%
Priority:	High		
Assignee:	Juan Miguel Olmo Martínez		
Category:	mgr/rook		
Target version:			
Source:	Development	Reviewed:	
Tags:		Affected Versions:	
Backport:		ceph-qa-suite:	
Regression:	Yes	Pull request ID:	33176
Severity:	3 - minor	Crash signature:	

Description

```
root@rook-ceph-tools-85cfdbbdd5-4mwc8 /]# ceph orchestrator device ls
HOST PATH      TYPE  SIZE DEVICE AVAIL REJECT REASONS
k8s-1 /dev/sda  hdd  20.0G None  True
k8s-1 /dev/sdb  hdd  20.0G None  True
k8s-2 /dev/dm-0 hdd  19.0G None  False not empty
k8s-2 /dev/sdb  hdd  20.0G None  True
k8s-3 /dev/dm-0 hdd  19.0G None  False not empty
k8s-3 /dev/sdb  hdd  20.0G None  True
k8s-4 /dev/dm-0 hdd  19.0G None  False not empty
k8s-4 /dev/sdb  hdd  20.0G None  True

[root@rook-ceph-tools-85cfdbbdd5-4mwc8 /]# ceph orchestrator osd create k8s-2:/dev/sdb
Error EINVAL: Traceback (most recent call last):
  File "/usr/share/ceph/mgr/mgr_module.py", line 1069, in _handle_command
    return CLICommand.COMMANDS[cmd['prefix']].call(self, cmd, inbuf)
  File "/usr/share/ceph/mgr/mgr_module.py", line 309, in call
    return self.func(mgr, **kwargs)
  File "/usr/share/ceph/mgr/orchestrator.py", line 140, in wrapper
    return func(*args, **kwargs)
  File "/usr/share/ceph/mgr/orchestrator_cli/module.py", line 373, in _create_osd
    orchestrator.raise_if_exception(completion)
  File "/usr/share/ceph/mgr/orchestrator.py", line 655, in raise_if_exception
    raise e
  File "/usr/share/ceph/mgr/orchestrator.py", line 287, in _finalize
    next_result = self._on_complete(self._value)
  File "/usr/share/ceph/mgr/rook/module.py", line 415, in <lambda>
    on_complete=lambda _:self.rook_cluster.add_osds(drive_group, all_hosts),
  File "/usr/share/ceph/mgr/rook/rook_cluster.py", line 571, in add_osds
    body=patch)
  File "/usr/share/ceph/mgr/rook/rook_cluster.py", line 220, in rook_api_patch
    **kwargs)
  File "/usr/share/ceph/mgr/rook/rook_cluster.py", line 209, in rook_api_call
    **kwargs)
  File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 334, in call_api
    _return_http_data_only, collection_formats, _preload_content, _request_timeout)
  File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 157, in __call_api
    body = self.sanitize_for_serialization(body)
  File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 206, in sanitize_for_s
erialization
    for sub_obj in obj]]
  File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 206, in <listcomp>
    for sub_obj in obj]]
  File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in sanitize_for_s
erialization
```

```
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in <dictcomp>
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in sanitize_for_s
erialization
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in <dictcomp>
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 206, in sanitize_for_s
erialization
    for sub_obj in obj]
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 206, in <listcomp>
    for sub_obj in obj]
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in sanitize_for_s
erialization
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 226, in <dictcomp>
    for key, val in iteritems(obj_dict)}
File "/lib/python3.6/site-packages/kubernetes/client/api_client.py", line 222, in sanitize_for_s
erialization
    for attr, _ in iteritems(obj.swagger_types)
AttributeError: 'Device' object has no attribute 'swagger_types'
```

History

#1 - 02/05/2020 09:36 AM - Juan Miguel Olmo Martínez

- Assignee set to Juan Miguel Olmo Martínez

#2 - 02/10/2020 11:22 AM - Juan Miguel Olmo Martínez

Fix available in:

<https://github.com/ceph/ceph/pull/33176>

Note:

The right command to create the OSD in the example provided in this bug would be:

```
root@rook-ceph-tools-85cfdbbdd5-4mwc8 /]# ceph orchestrator device ls
HOST PATH      TYPE  SIZE DEVICE AVAIL REJECT REASONS
k8s-1 /dev/sda     hdd   20.0G None  True
k8s-1 /dev/sdb     hdd   20.0G None  True
k8s-2 /dev/dm-0   hdd   19.0G None  False not empty
k8s-2 /dev/sdb     hdd   20.0G None  True
k8s-3 /dev/dm-0   hdd   19.0G None  False not empty
k8s-3 /dev/sdb     hdd   20.0G None  True
k8s-4 /dev/dm-0   hdd   19.0G None  False not empty
k8s-4 /dev/sdb     hdd   20.0G None  True
```

```
[root@rook-ceph-tools-85cfdbbdd5-4mwc8 /]# ceph orchestrator osd create k8s-2:sdb
```

NOTE: DO NOT USE THE COMPLETE PATH TO DEFINE THE DEVICE:

Use the name provided for the device when you issued the command:

```
lsblk --all --noheadings --list --output KNAME
```

In the host where you want to create the OSD

#3 - 02/10/2020 11:24 AM - Juan Miguel Olmo Martínez

- Status changed from New to Fix Under Review

- Pull request ID set to 33176

#4 - 02/12/2020 05:22 PM - Sebastian Wagner

- Status changed from Fix Under Review to Resolved