Foreman - Bug #29066

API call api/compute_resources/:id/images?operatingsystem_id=:id returns too many results

02/19/2020 01:04 PM - Mark Hlawatschek

Status:	Rejected		
Priority:	Normal		
Assignee:			
Category:	Compute resources		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:	No	**Found in Releases:**	1.24.2
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

When I request the API call api/compute_resources/6/images?operatingsystem_id=2 I receive the results below.
2 images belong to compute resource id 6 and 1 images belongs to compute resource id 5
I'd expect to receive only images matching the compute_resource id 6.

```
{
    "page": 1,
    "per_page": 20,
    "results": [
        {
            "architecture_id": 1,
            "architecture_name": "x86_64",
            "compute_resource_id": 5,
            "compute_resource_name": "AWS",
            "created_at": "2020-02-15 12:48:45 UTC",
            "iam_role": null,
            "id": 5,
            "name": "CentOS",
            "operatingsystem_id": 2,
            "operatingsystem_name": "CentOS 7.X",
            "updated_at": "2020-02-15 12:48:45 UTC",
            "user_data": false,
            "username": "centos",
            "uuid": "ami-0ff760d16d9497662"
        },
        {
            "architecture_id": 1,
            "architecture_name": "x86_64",
            "compute_resource_id": 6,
            "compute_resource_name": "Azure",
            "created_at": "2020-02-17 16:58:42 UTC",
            "id": 9,
            "name": "CentOS2",
            "operatingsystem_id": 2,
            "operatingsystem_name": "CentOS 7.X",
            "updated_at": "2020-02-17 16:58:42 UTC",
            "username": "centos",
            "uuid": "azure-123"
        },
        {
            "architecture_id": 1,
            "architecture_name": "x86_64",
            "compute_resource_id": 6,
            "compute_resource_name": "Azure",
            "created_at": "2020-02-18 16:10:17 UTC",
            "id": 11,
            "name": "CentOS",
```

```
            "operatingsystem_id": 2,
            "operatingsystem_name": "CentOS 7.X",
            "updated_at": "2020-02-18 16:10:17 UTC",
            "username": "centos",
            "uuid": "azure-456"
        }
    ],
    "search": null,
    "sort": {
        "by": null,
        "order": null
    },
    "subtotal": 3,
    "total": 3
}
```

Related issues:

Related to Foreman - Tracker #27680: API bugs that need workarounds in forema...	**New**

History

#1 - 02/28/2020 01:30 PM - Evgeni Golov

- Category set to Compute resources

#2 - 02/28/2020 01:31 PM - Evgeni Golov

- Related to Tracker #27680: API bugs that need workarounds in foreman-ansible-modules added

#3 - 02/28/2020 01:37 PM - Evgeni Golov

I am not 100% sure, but my guess would be that you can only filter by one of CR/OS/arch, and as you pass both, CR and OS, you end up with a search for OS instead of CR?

#4 - 02/28/2020 01:39 PM - Evgeni Golov

And to get what you want, you'd need to call

```
/api/compute_resources/:id/images?search=operatingsystem=:operatingsystem_id
```

#5 - 03/03/2020 03:04 PM - Evgeni Golov

So after talking to mshira, you cannot use both CR and OS as "normal" parameters, one will be ignored. You need to pass the other one as a search param.

Quoting IRC:

```
14:02 < mshira> Zhenech, He could achieve that in a different way: send the request with GET /api/compute_reso
urces/<id>/images and in the params send  {"search" => "operatingsystem=1"}
14:03 < Zhenech> mshira, yeah, that's what I'm also thinking, but you can't pass both CR and OS ids as just re
gular params, that's what the user is trying to
14:06 < mshira> Zhenech, Yes, you cant send it as regular params, it must be inside "search"
```

#6 - 03/03/2020 03:05 PM - Evgeni Golov

- Status changed from New to Rejected