

Foreman - Bug #22326

API gives subtotal=0 when per_page=0 and thin=true and search string is used

01/19/2018 11:27 AM - Marek Hulán

Status: Duplicate	
Priority: Normal	
Assignee: Amit Karsale	
Category: API	
Target version:	
Difficulty:	Fixed in Releases:
Triaged: No	Found in Releases:
Bugzilla link: 1516929	Red Hat JIRA:
Pull request: https://github.com/theforeman/foreman/pull/5713	

Description
Cloned from https://bugzilla.redhat.com/show_bug.cgi?id=1516929

Description of problem:
API gives subtotal=0 when per_page=0 and search string is used

Version-Release number of selected component (if applicable):
6.2.11

How reproducible:
Everytime

Steps to Reproduce:

1. Install sat6 server
2. Define two hosts test1 & test2
3. run curl -u admin:xxx -X GET 'https://sat6/api/v2/hosts?per_page=0&thin=true&search=name+~+"test"'

Actual results: {
"total": 3,
"subtotal": 0, <=====
"page": 1,
"per_page": 0,
"search": "name ~ \"test\"",
"sort": {
"by": null,
"order": null
},
"results": []
}

Expected results: {
"total": 3,
"subtotal": 2, <=====
"page": 1,
"per_page": 0,
"search": "name ~ \"test\"",
"sort": {
"by": null,
"order": null
},
"results": []
}

Additional info:
Different combinations give correct "subtotal":

without thin=true:

```
curl -u admin:xxx -X GET 'https://sat6/api/v2/hosts?per_page=0&search=name+~+"test"' {
  "total": 3,
  "subtotal": 2,
  "page": 1,
  "per_page": 0,
  "search": "name ~ \"test\"",
  "sort": {
    "by": null,
    "order": null
  },
  "results": []
}
```

without search:

```
curl -u admin:xxx -X GET 'https://sat6/api/v2/hosts?per_page=0&thin=true' {
  "total": 3,
  "subtotal": 3,
  "page": 1,
  "per_page": 0,
  "search": null,
  "sort": {
    "by": null,
    "order": null
  },
  "results": []
}
```

without per_page:

```
curl -u admin:xxx -X GET 'https://sat6/api/v2/hosts?thin=true&search=name+~+"test"' {
  "total": 3,
  "subtotal": 2,
  "page": 1,
  "per_page": 20,
  "search": "name ~ \"test\"",
  "sort": {
    "by": null,
    "order": null
  },
  "results": [{"id":2,"name":"test1"}, {"id":3,"name":"test2"}]
```

Related issues:

Is duplicate of Foreman - Bug #23599: Getting hosts via API with thin=true re...

Closed

05/15/2018

History

#1 - 04/27/2018 05:34 PM - Andrew F

- Subject changed from *API gives subtotal=0 when per_page=0 and thin=true and search string is used* to *API gives subtotal=0 when per_page=0 and thin=true and search string is used*

Seeing a similar issue in Foreman 1.16.0, where the subtotal value returned is equal to the per_page value when using trim=true and the returned results exceeds the per_page value.

/api/v2/hosts?search=hostgroup_title+~+rabbitmq&per_page=50

```
{
```

```
  "total": 12174,
  "subtotal": 66,
  "page": 1,
  "per_page": 50,
  "search": "hostgroup_title ~ rabbitmq",
  "sort": {
    "by": null,
    "order": null
  },
  "results": [...]
```

```
}
```

```
/api/v2/hosts?search=hostgroup_title+~+rabbitmq&per_page=50&thin=true
```

```
{
```

```
  "total": 12174,  
  "subtotal": 50,  
  "page": 1,  
  "per_page": 50,  
  "search": "hostgroup_title ~ rabbitmq",  
  "sort": {  
    "by": null,  
    "order": null  
  },  
  "results": [...]  
}
```

```
/api/v2/hosts?search=hostgroup_title+~+rabbitmq&per_page=100&thin=true
```

```
{
```

```
  "total": 12174,  
  "subtotal": 66,  
  "page": 1,  
  "per_page": 100,  
  "search": "hostgroup_title ~ rabbitmq",  
  "sort": {  
    "by": null,  
    "order": null  
  },  
  "results": [...]  
}
```

#2 - 06/18/2018 10:34 AM - Amit Karsale

- Assignee set to Amit Karsale

#3 - 06/21/2018 10:33 AM - Amit Karsale

- Status changed from New to Closed

- Pull request <https://github.com/theforeman/foreman/pull/5713> added

duplicate bug here(fixed): <https://projects.theforeman.org/issues/23599>

#4 - 06/21/2018 11:15 AM - Tomer Brisker

- Status changed from Closed to Duplicate

#5 - 06/21/2018 11:16 AM - Tomer Brisker

- Is duplicate of Bug #23599: Getting hosts via API with thin=true returns wrong subtotal value added

#6 - 10/16/2018 12:46 PM - Tomer Brisker

- Category changed from 19 to API