

Foreman - Bug #16380

host list does not include all attributes when i to try to sort by IP or MAC

08/30/2016 07:58 AM - Martin Bacovsky

Status:	Closed	
Priority:	Normal	
Assignee:	Shlomi Zadok	
Category:	API	
Target version:	1.12.3	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases: 1.12.1
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman/pull/3815	

Description

select host list without sort:

```
hammer host list --hostgroup-title general_server/DN
```

ID	NAME	OPERATING SYSTEM	HOST GROUP	IP	MAC
150666	dn001.abc.com	CentOS 7.2	DataNodes	1.2.3.10	a1:b2:c3:d4:e5:57
150678	dn002.abc.com	CentOS 7.2	DataNodes	1.2.3.11	a1:b2:c3:d4:e5:19
150688	dn003.abc.com	CentOS 7.2	DataNodes	1.2.3.12	a1:b2:c3:d4:e5:1f
193119	dn004.abc.com	CentOS 7.2	DataNodes	1.2.3.13	a1:b2:c3:d4:e5:f1
330874	dn005.abc.com	CentOS 7.2	DataNodes	1.2.3.14	a1:b2:c3:d4:e5:b1
379538	dn006.abc.com	CentOS 7.2	DataNodes	1.2.3.15	a1:b2:c3:d4:e5:df
193122	dn007.abc.com	CentOS 7.2	DataNodes	1.2.3.16	a1:b2:c3:d4:e5:59
193121	dn008.abc.com	CentOS 7.2	DataNodes	1.2.3.17	a1:b2:c3:d4:e5:97
193576	dn009.abc.com	CentOS 7.2	DataNodes	1.2.3.18	a1:b2:c3:d4:e5:57
193565	dn010.abc.com	CentOS 7.2	DataNodes	1.2.3.19	a1:b2:c3:d4:e5:19
193566	dn011.abc.com	CentOS 7.2	DataNodes	1.2.3.20	a1:b2:c3:d4:e5:9f
193567	dn012.abc.com	CentOS 7.2	DataNodes	1.2.3.21	a1:b2:c3:d4:e5:d9
193564	dn013.abc.com	CentOS 7.2	DataNodes	1.2.3.22	a1:b2:c3:d4:e5:5f
232138	dn014.abc.com	CentOS 7.2	DataNodes	1.2.3.23	a1:b2:c3:d4:e5:59
193200	dn015.abc.com	CentOS 7.2	DataNodes	1.2.3.24	a1:b2:c3:d4:e5:17
193552	dn016.abc.com	CentOS 7.2	DataNodes	1.2.3.25	a1:b2:c3:d4:e5:57
193560	dn017.abc.com	CentOS 7.2	DataNodes	1.2.3.26	a1:b2:c3:d4:e5:d9
2289696	dn018.abc.com	CentOS 7.2	DataNodes	1.2.3.27	a1:b2:c3:d4:e5:f1
2284342	dn019.abc.com	CentOS 7.2	DataNodes	1.2.3.28	a1:b2:c3:d4:e5:99
2284124	dn020.abc.com	CentOS 7.2	DataNodes	1.2.3.29	a1:b2:c3:d4:e5:31
2283754	dn021.abc.com	CentOS 7.2	DataNodes	1.2.3.30	a1:b2:c3:d4:e5:1f
2277706	dn022.abc.com	CentOS 7.2	DataNodes	1.2.3.31	a1:b2:c3:d4:e5:5f
2274149	dn023.abc.com	CentOS 7.2	DataNodes	1.2.3.32	a1:b2:c3:d4:e5:b1
2274043	dn024.abc.com	CentOS 7.2	DataNodes	1.2.3.33	a1:b2:c3:d4:e5:97
193563	dn025.abc.com	CentOS 7.2	DataNodes	1.2.3.34	a1:b2:c3:d4:e5:99
193571	dn026.abc.com	CentOS 7.2	DataNodes	1.2.3.35	a1:b2:c3:d4:e5:d7

select host list with sort ip:

```
hammer host list --hostgroup-title general_server/DN --order ip
```

ID	NAME	OPERATING SYSTEM	HOST GROUP	IP	MAC
150666	dn001.abc.com	CentOS 7.2	DataNodes		
150678	dn002.abc.com	CentOS 7.2	DataNodes		
150688	dn003.abc.com	CentOS 7.2	DataNodes		

193119	dn004.abc.com	CentOS 7.2	DataNodes		
330874	dn005.abc.com	CentOS 7.2	DataNodes		
379538	dn006.abc.com	CentOS 7.2	DataNodes		
193122	dn007.abc.com	CentOS 7.2	DataNodes		
193121	dn008.abc.com	CentOS 7.2	DataNodes		
193576	dn009.abc.com	CentOS 7.2	DataNodes		
193565	dn010.abc.com	CentOS 7.2	DataNodes		
193566	dn011.abc.com	CentOS 7.2	DataNodes		
193567	dn012.abc.com	CentOS 7.2	DataNodes		
193564	dn013.abc.com	CentOS 7.2	DataNodes		
232138	dn014.abc.com	CentOS 7.2	DataNodes		
193200	dn015.abc.com	CentOS 7.2	DataNodes		
193552	dn016.abc.com	CentOS 7.2	DataNodes		
193560	dn017.abc.com	CentOS 7.2	DataNodes		
2289696	dn018.abc.com	CentOS 7.2	DataNodes		
2284342	dn019.abc.com	CentOS 7.2	DataNodes		
2284124	dn020.abc.com	CentOS 7.2	DataNodes		
2283754	dn021.abc.com	CentOS 7.2	DataNodes		
2277706	dn022.abc.com	CentOS 7.2	DataNodes		
2274149	dn023.abc.com	CentOS 7.2	DataNodes		
2274043	dn024.abc.com	CentOS 7.2	DataNodes		
193563	dn025.abc.com	CentOS 7.2	DataNodes		
193571	dn026.abc.com	CentOS 7.2	DataNodes		

select host list with sort mac:

```
hammer host list --hostgroup-title general_server/DN --order mac
```

ID	NAME	OPERATING SYSTEM	HOST GROUP	IP	MAC
150666	dn001.abc.com	CentOS 7.2	DataNodes		
150678	dn002.abc.com	CentOS 7.2	DataNodes		
150688	dn003.abc.com	CentOS 7.2	DataNodes		
193119	dn004.abc.com	CentOS 7.2	DataNodes		
330874	dn005.abc.com	CentOS 7.2	DataNodes		
379538	dn006.abc.com	CentOS 7.2	DataNodes		
193122	dn007.abc.com	CentOS 7.2	DataNodes		
193121	dn008.abc.com	CentOS 7.2	DataNodes		
193576	dn009.abc.com	CentOS 7.2	DataNodes		
193565	dn010.abc.com	CentOS 7.2	DataNodes		
193566	dn011.abc.com	CentOS 7.2	DataNodes		
193567	dn012.abc.com	CentOS 7.2	DataNodes		
193564	dn013.abc.com	CentOS 7.2	DataNodes		
232138	dn014.abc.com	CentOS 7.2	DataNodes		
193200	dn015.abc.com	CentOS 7.2	DataNodes		
193552	dn016.abc.com	CentOS 7.2	DataNodes		
193560	dn017.abc.com	CentOS 7.2	DataNodes		
2289696	dn018.abc.com	CentOS 7.2	DataNodes		
2284342	dn019.abc.com	CentOS 7.2	DataNodes		
2284124	dn020.abc.com	CentOS 7.2	DataNodes		
2283754	dn021.abc.com	CentOS 7.2	DataNodes		
2277706	dn022.abc.com	CentOS 7.2	DataNodes		
2274149	dn023.abc.com	CentOS 7.2	DataNodes		
2274043	dn024.abc.com	CentOS 7.2	DataNodes		
193563	dn025.abc.com	CentOS 7.2	DataNodes		
193571	dn026.abc.com	CentOS 7.2	DataNodes		

```
$ hammer --version
```

```
hammer (0.7.0) * hammer_cli_foreman (0.7.0) * hammer_cli_foreman_discovery (0.0.3)
```

Foreman version:

Version 1.12.2

API response seen in hammer debug output is missing some attributes:

```

[ INFO 2016-08-30T11:34:30 API] GET /api/hosts
[DEBUG 2016-08-30T11:34:30 API] Params: {
  "order" => "mac",
  "page" => 1,
  "per_page" => 40
}
[DEBUG 2016-08-30T11:34:30 API] Headers: {
  :params => {
    "order" => "mac",
    "page" => 1,
    "per_page" => 40
  }
}
[DEBUG 2016-08-30T11:34:31 API] Response: {
  "total" => 1,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 40,
  "search" => nil,
  "sort" => {
    "by" => "mac",
    "order" => "ASC"
  },
  "results" => [
    [0] {
      "ip" => nil,
      "environment_id" => 1,
      "environment_name" => "production",
      "last_report" => "2016-08-30 09:21:27 UTC",
      "mac" => nil,
      "realm_id" => nil,
      "realm_name" => nil,
      "sp_mac" => nil,
      "sp_ip" => nil,
      "sp_name" => nil,
      "domain_id" => nil,
      "domain_name" => nil,
      "architecture_id" => 1,
      "architecture_name" => "x86_64",
      "operatingsystem_id" => 1,
      "operatingsystem_name" => "CentOS Linux 7.2.1511",
      "subnet_id" => nil,
      "subnet_name" => nil,
      "sp_subnet_id" => nil,
      "ptable_id" => nil,
      "ptable_name" => nil,
      "medium_id" => nil,
      "medium_name" => nil,
      "build" => false,
      "comment" => nil,
      "disk" => nil,
      "installed_at" => nil,
      "model_id" => 1,
      "hostgroup_id" => nil,
      "owner_id" => nil,
      "owner_type" => nil,
      "enabled" => true,
      "puppet_ca_proxy_id" => 1,
      "managed" => false,
      "use_image" => nil,
      "image_file" => "",
      "uuid" => nil,
      "compute_resource_id" => nil,
      "compute_resource_name" => nil,
      "compute_profile_id" => nil,
      "compute_profile_name" => nil,
      "capabilities" => [

```

```

    [0] "build"
  ],
    "provision_method" => "build",
    "puppet_proxy_id" => 1,
      "certname" => "nec-em19.rhds.eng.bos.redhat.com",
      "image_id" => nil,
      "image_name" => nil,
      "created_at" => "2016-08-29 16:21:37 UTC",
      "updated_at" => "2016-08-30 09:21:33 UTC",
      "last_compile" => "2016-08-30 09:21:31 UTC",
      "global_status" => 0,
    "global_status_label" => "OK",
    "puppet_status" => 0,
      "model_name" => "MP Server",
    "configuration_status" => 0,
    "configuration_status_label" => "No changes",
      "name" => "nec-em19.rhds.eng.bos.redhat.com",
      "id" => 1,
      "hostgroup_name" => nil,
      "hostgroup_title" => nil
  }
]
}

```

The same list without ordering return:

```

[ INFO 2016-08-30T11:34:21 API] GET /api/hosts
[DEBUG 2016-08-30T11:34:21 API] Params: {
  "page" => 1,
  "per_page" => 40
}
[DEBUG 2016-08-30T11:34:21 API] Headers: {
  :params => {
    "page" => 1,
    "per_page" => 40
  }
}
[DEBUG 2016-08-30T11:34:21 API] Response: {
  "total" => 1,
  "subtotal" => 1,
  "page" => 1,
  "per_page" => 40,
  "search" => nil,
  "sort" => {
    "by" => nil,
    "order" => nil
  },
  "results" => [
    [0] {
      "ip" => "10.16.64.173",
      "environment_id" => 1,
      "environment_name" => "production",
      "last_report" => "2016-08-30 09:21:27 UTC",
      "mac" => "00:15:17:0e:a0:5e",
      "realm_id" => nil,
      "realm_name" => nil,
      "sp_mac" => nil,
      "sp_ip" => nil,
      "sp_name" => nil,
      "domain_id" => 1,
      "domain_name" => "rhds.eng.bos.redhat.com",
      "architecture_id" => 1,
      "architecture_name" => "x86_64",
      "operatingsystem_id" => 1,
      "operatingsystem_name" => "CentOS Linux 7.2.1511",
      "subnet_id" => nil,
      "subnet_name" => nil,
    }
  ]
}

```

```
    "sp_subnet_id" => nil,
    "ptable_id" => nil,
    "ptable_name" => nil,
    "medium_id" => nil,
    "medium_name" => nil,
    "build" => false,
    "comment" => nil,
    "disk" => nil,
    "installed_at" => nil,
    "model_id" => 1,
    "hostgroup_id" => nil,
    "owner_id" => nil,
    "owner_type" => nil,
    "enabled" => true,
    "puppet_ca_proxy_id" => 1,
    "managed" => false,
    "use_image" => nil,
    "image_file" => "",
    "uuid" => nil,
    "compute_resource_id" => nil,
    "compute_resource_name" => nil,
    "compute_profile_id" => nil,
    "compute_profile_name" => nil,
    "capabilities" => [
      [0] "build"
    ],
    "provision_method" => "build",
    "puppet_proxy_id" => 1,
    "certname" => "nec-em19.rhds.eng.bos.redhat.com",
    "image_id" => nil,
    "image_name" => nil,
    "created_at" => "2016-08-29 16:21:37 UTC",
    "updated_at" => "2016-08-30 09:21:33 UTC",
    "last_compile" => "2016-08-30 09:21:31 UTC",
    "global_status" => 0,
    "global_status_label" => "OK",
    "puppet_status" => 0,
    "model_name" => "MP Server",
    "configuration_status" => 0,
    "configuration_status_label" => "No changes",
    "name" => "nec-em19.rhds.eng.bos.redhat.com",
    "id" => 1,
    "hostgroup_name" => nil,
    "hostgroup_title" => nil
  }
]
}
```

By comparison the attrs ip, mac, domain_id and domain_name is lost with ordering.

Associated revisions

Revision 7c5b8bd6 - 09/07/2016 05:42 AM - Shlomi Zadok

Fixes #16380 - Eager load hosts attributes
Since Rails 4, in order to load delegated attributes,
we need to use 'eager_load' instead of 'includes'

Revision 20ff6621 - 09/12/2016 11:39 AM - Shlomi Zadok

Fixes #16380 - Eager load hosts attributes
Since Rails 4, in order to load delegated attributes,
we need to use 'eager_load' instead of 'includes'

(cherry picked from commit 7c5b8bd63f0fb7695b1b6e09a20e917004eca839)

Revision 0686299d - 09/19/2016 12:27 PM - Shlomi Zadok

Fixes #16380 - Eager load hosts attributes

Since Rails 4, in order to load delegated attributes, we need to use 'eager_load' instead of 'includes'

(cherry picked from commit [7c5b8bd63f0fb7695b1b6e09a20e917004eca839](#))

History

#1 - 09/05/2016 09:52 AM - Shlomi Zadok

- Assignee set to *Shlomi Zadok*

#2 - 09/06/2016 07:02 AM - The Foreman Bot

- Status changed from *New* to *Ready For Testing*

- Pull request <https://github.com/foreman/foreman/pull/3815> added

#3 - 09/06/2016 10:33 AM - Marek Hulán

- Target version set to *1.5.3*

#4 - 09/07/2016 06:02 AM - Shlomi Zadok

- Status changed from *Ready For Testing* to *Closed*

- % Done changed from *0* to *100*

Applied in changeset [7c5b8bd63f0fb7695b1b6e09a20e917004eca839](#).

#5 - 09/07/2016 06:03 AM - Dominic Cleal

- translation missing: *en.field_release* set to *181*