

Foreman - Bug #16818

nested facts can lead to invalid links

10/06/2016 08:10 AM - Ohad Levy

Status:	Closed	
Priority:	Normal	
Assignee:	Timo Goebel	
Category:	Facts	
Target version:		
Difficulty:		Fixed in Releases: 1.24.0
Triaged:	Yes	Found in Releases: 1.14.3, 1.19.1, 1.21.2
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/foreman/foreman/pull/7005	
Description		
given the fact key mountpoints::/boot the following link is created which is 404 https://foreman.example.com/hosts/host.example.com/parent_facts/mountpoints::%2Fboot/facts		
Related issues:		
Related to Foreman - Feature #26852: Add mountpoint and partition exclude fac...		Closed
Has duplicate Foreman - Bug #24774: Missing routes when checking facts contai...		Duplicate
Has duplicate Ansible - Bug #25296: Viewing Ansible fact causes errors		Duplicate
Has duplicate Foreman - Bug #25807: Error viewing external structured puppet ...		Duplicate

Associated revisions

Revision c9648b06 - 08/29/2019 10:53 AM - Timo Goebel

fixes #16818 - support slash in fact name

History

#1 - 11/03/2016 06:51 AM - Gheorghe Nedelcu

Ohad Levy wrote:

given the fact key mountpoints::/boot the following link is created which is 404
https://foreman.example.com/hosts/host.example.com/parent_facts/mountpoints::%2Fboot/facts

More info on this:

I have a custom fact in module which is returning this:

```
Debug: Facter: fact "db2" has resolved to {
  Install => {
    10.1 => {
      Version => "10.1.0.0",
      FixPack => "0",
      Path => "/opt/ibm/db2/V10.1"
    }
  }
}
```

The Foreman's fact page cannot be loaded and gives this in the log:

```
2016-11-03 04:14:12 ac50fd30 [app] [I] Started GET "/hosts/*****.com/parent_facts/db2/facts" for 192.168
.1.14 at 2016-11-03 04:14:12 -0500
2016-11-03 04:14:12 ac50fd30 [app] [I] Processing by FactValuesController#index as HTML
2016-11-03 04:14:12 ac50fd30 [app] [I] Parameters: {"host_id"=>"*****.com", "parent_fact"=>"db2"}
2016-11-03 04:14:12 ac50fd30 [app] [I] Rendered fact_values/_fact.html.erb (4.5ms)
2016-11-03 04:14:12 ac50fd30 [app] [I] Rendered fact_values/index.html.erb within layouts/application (30.2m
s)
2016-11-03 04:14:12 ac50fd30 [app] [I] Rendered common/_searchbar.html.erb (22.5ms)
2016-11-03 04:14:12 ac50fd30 [app] [I] Rendered layouts/_application_content.html.erb (23.7ms)
2016-11-03 04:14:12 ac50fd30 [app] [I] Rendered home/_user_dropdown.html.erb (8.2ms)
```

```

2016-11-03 04:14:12 ac50fd30 [app] [I] Read fragment views/tabs_and_title_records-3 (0.2ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_org_switcher.html.erb (0.5ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (5.6ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (2.1ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (5.9ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (7.4ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (4.2ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_submenu.html.erb (4.4ms)
2016-11-03 04:14:12 ac50fd30 [app] [I] Write fragment views/tabs_and_title_records-3 (1.3ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered home/_topbar.html.erb (56.6ms)
2016-11-03 04:14:12 ac50fd30 [app] [I]   Rendered layouts/base.html.erb (60.9ms)
2016-11-03 04:14:12 ac50fd30 [app] [I] Completed 200 OK in 157ms (Views: 112.0ms | ActiveRecord: 11.6ms)
2016-11-03 04:14:14 ac50fd30 [app] [I] Started GET "/hosts/*****.com/parent_facts/db2::Install/facts" fo
r 192.168.1.14 at 2016-11-03 04:14:14 -0500
2016-11-03 04:14:14 ac50fd30 [app] [I] Processing by FactValuesController#index as HTML
2016-11-03 04:14:14 ac50fd30 [app] [I]   Parameters: {"host_id"=>"*****.com", "parent_fact"=>"db2::Insta
ll"}
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered fact_values/_fact.html.erb (4.1ms)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered fact_values/index.html.erb within layouts/application (25.1m
s)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered common/_searchbar.html.erb (13.0ms)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered layouts/_application_content.html.erb (14.2ms)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered home/_user_dropdown.html.erb (3.7ms)
2016-11-03 04:14:14 ac50fd30 [app] [I] Read fragment views/tabs_and_title_records-3 (0.3ms)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered home/_topbar.html.erb (13.1ms)
2016-11-03 04:14:14 ac50fd30 [app] [I]   Rendered layouts/base.html.erb (16.9ms)
2016-11-03 04:14:14 ac50fd30 [app] [I] Completed 200 OK in 76ms (Views: 54.5ms | ActiveRecord: 6.7ms)
2016-11-03 04:14:19 ac50fd30 [app] [I] Started GET "/hosts/*****.com/parent_facts/db2::Install::10.1/fac
ts" for 192.168.1.14 at 2016-11-03 04:14:19 -0500
2016-11-03 04:14:19 ac50fd30 [app] [F]
  | ActionController::RoutingError (No route matches [GET] "/hosts/*****.com/parent_facts/db2::Install::1
0.1/facts"):
  |   lib/middleware/tagged_logging.rb:18:in `call'
  |
  |
2016-11-03 04:14:19 ac50fd30 [app] [I] Started GET "/hosts/*****.com/parent_facts/db2::Install::10.1/fac
ts" for 192.168.1.14 at 2016-11-03 04:14:19 -0500
2016-11-03 04:14:19 ac50fd30 [app] [F]
  | ActionController::RoutingError (No route matches [GET] "/hosts/*****.com/parent_facts/db2::Install::1
0.1/facts"):
  |   lib/middleware/tagged_logging.rb:18:in `call'
  |
  |

```

Foreman 1.13.1 all in one RHEL 7.2

#2 - 11/03/2016 07:56 AM - Gheorghe Nedelcu

I found that fact key using the "dot" is the wrong character in my case.
10.1 => {}

#3 - 01/12/2017 03:17 AM - Dominic Cleal

- Category changed from Web Interface to Facts

#4 - 01/17/2017 04:11 PM - James Perry

Could this be tied into the what the APIv2 is returning when queried for facts? When I run <https://puppet/api/myhost.mydomain.com/facts> I see the first values are:

```

{...
"disks::sda":null,
"mountpoints":null,
"partitions":null
...
}

```

When running https://puppet/api/myhost.mydomain.com/facts?per_page=1000 I see the same at the top, then I get

```

"partitions::/dev/sda1::size":"101.94 MiB",
"partitions::/dev/sda1::size_bytes":"106896384",
"partitions::/dev/sda1::mount":"/boot",
"partitions::/dev/sda1::label":"/boot"
"partitions::/dev/sda1::filesystem":"ext3"

```

So the information is here. Could it be related to it getting a "null" and then stopping to retrieve the data at that point? What module handles this parsing so I could try to trace it out to see why it is breaking?

#5 - 01/17/2017 04:16 PM - James Perry

I also ran a more detailed search against /usr with <https://dlistmrfpup02.cbs.ad.cbs.net/api/hosts/myhost.com/facts?search=/usr>. It has all of the relevant data. So it is broken somewhere between the API calls and the module rendering it for the facts page in Foreman at the point where the mountpoints are listed, but fail the expansion.

```
{
  "total": 380,
  "subtotal": 1,
  "page": 1,
  "per_page": 20,
  "search": "/usr host = tlistmroel59.cbs.ad.cbs.net",
  "sort": {
    "by": null,
    "order": null
  },
  "results": { "myhost.com": { "mountpoints::/usr": null, "mountpoints::/usr::used": "1.31 GiB", "mountpoints::/usr::used_bytes": "1411076096", "mountpoints::/usr::available": "1.99 GiB", "mountpoints::/usr::available_bytes": "2131718144", "mountpoints::/usr::size": "3.30 GiB", "mountpoints::/usr::size_bytes": "3542794240", "mountpoints::/usr::capacity": "39.83%", "mountpoints::/usr::device": "/dev/mapper/VolGroup00-usr", "mountpoints::/usr::filesystem": "ext3", "mountpoints::/usr::options": "[\"rw\"]", "path": "/sbin:/usr/sbin:/bin:/usr/bin"}
}
```

#6 - 06/05/2017 09:36 AM - James Perry

Any updates on this bug or workarounds? I find it is still present in 1.14.3.

#7 - 01/10/2019 09:09 PM - Tomer Brisker

- Has duplicate Bug #24774: Missing routes when checking facts containing '/' added

#8 - 03/06/2019 01:35 PM - Ewoud Kohl van Wijngaarden

- Triaged changed from No to Yes

- Found in Releases 1.19.1 added

#9 - 04/10/2019 01:23 PM - Ewoud Kohl van Wijngaarden

- Related to Bug #25296: Viewing Ansible fact causes errors added

#10 - 04/10/2019 01:42 PM - Ewoud Kohl van Wijngaarden

- Related to deleted (Bug #25296: Viewing Ansible fact causes errors)

#11 - 04/10/2019 01:43 PM - Ewoud Kohl van Wijngaarden

- Has duplicate Bug #25296: Viewing Ansible fact causes errors added

#12 - 04/10/2019 01:44 PM - Ewoud Kohl van Wijngaarden

- Has duplicate Bug #25807: Error viewing external structured puppet fact added

#13 - 05/16/2019 01:44 PM - Marcel Kühlnhorn

- Found in Releases 1.21.2 added

#14 - 08/02/2019 08:32 AM - Marek Hulán

- Related to Feature #26852: Add mountpoint and partition exclude fact patterns added

#15 - 08/02/2019 09:30 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Marek Hulán

- Pull request <https://github.com/foreman/foreman/pull/6950> added

#16 - 08/29/2019 08:10 AM - The Foreman Bot

- Pull request <https://github.com/foreman/foreman/pull/7005> added

#17 - 08/29/2019 10:53 AM - The Foreman Bot

- Fixed in Releases 1.24.0 added

#18 - 08/29/2019 10:54 AM - Tomer Brisker

- Assignee changed from Marek Hulán to Timo Goebel

- Pull request deleted (<https://github.com/theforeman/foreman/pull/6950>)

#19 - 08/29/2019 11:01 AM - Timo Goebel

- Status changed from Ready For Testing to Closed

Applied in changeset [c9648b06e7bcd42e5f291a99613832e21826cac4](#).