

Foreman - Bug #12194

Can't search for multiple facts in foreman 1.10.0-RC1

10/16/2015 06:05 AM - Timo Goebel

Status: Closed	
Priority: Normal	
Assignee: Dominic Cleal	
Category: Search	
Target version: 1.10.0	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.10.0
Bugzilla link:	Red Hat JIRA:
Pull request: https://github.com/foreman/foreman/pull/2906	
Description	
Foreman 1.10.0 introduced a bug, that you can't search for multiple facts in the host overview (both via gui and api)	
A search query like "facts.app_tier = prod and facts.project = abc" shows no results in 1.10, though there were a lot of results in 1.9.2.	
Searching for "facts.app_tier = prod or facts.project = abc" works though.	
Related issues:	
Related to Foreman - Feature #11150: Allow searching of facts as types other ...	Closed 07/19/2015

Associated revisions

Revision 57e9d8a3 - 11/15/2015 07:49 AM - Dominic Cleal

fixes #12194 - join fact tables multiple times for each search term

scoped_search usually generates a new inner join for each search term when searching through a key/value table layout to correctly search for hosts via multiple facts. Since the change to ext_method in 3f8e6c33, a fixed table name was used. This is changed to multiple joins to match how scoped_search works with multiple search terms.

Revision dcb7f5da - 11/16/2015 09:30 AM - Dominic Cleal

fixes #12194 - join fact tables multiple times for each search term

scoped_search usually generates a new inner join for each search term when searching through a key/value table layout to correctly search for hosts via multiple facts. Since the change to ext_method in 3f8e6c33, a fixed table name was used. This is changed to multiple joins to match how scoped_search works with multiple search terms.

(cherry picked from commit 57e9d8a360625afb6dfe292655cc03cd65719073)

History

#1 - 10/16/2015 09:03 AM - Daniel Lobato Garcia

<https://github.com/foreman/foreman/commit/3f8e6c33624f33acd65b371bf67549606397286e> this looks like the culprit - investigating...

#2 - 10/19/2015 04:28 AM - Marek Hulán

Despite the fact that it changed previous behaviour, isn't this actually expected?

#3 - 10/19/2015 08:51 AM - Timo Goebel

Marek Hulán wrote:

Despite the fact that it changed previous behaviour, isn't this actually expected?

I can't follow. Why should this be expected behavior? Searching for hosts by two or more facts seems a reasonable requirement for me. For example

I might want to search for hosts that have jruby and mysql installed. This is an arbitrary example, but - unfortunately - currently broken.

#4 - 10/19/2015 12:53 PM - Marek Hulán

Ah sorry, I misunderstood what you try to search for, I thought you were trying to search facts, not hosts. Ok, sounds as a valid bug.

#5 - 10/20/2015 07:42 AM - Dominic Cleal

- *Related to Feature #11150: Allow searching of facts as types other than string added*

#6 - 10/20/2015 07:42 AM - Dominic Cleal

- *translation missing: en.field_release set to 63*

Daniel Lobato Garcia wrote:

<https://github.com/theforeman/foreman/commit/3f8e6c33624f33acd65b371bf67549606397286e> this looks like the culprit - investigating...

Yes, reverting this seems to fix it.

#7 - 10/22/2015 03:22 PM - Ohad Levy

I believe this is happening when having a two joins on the same table, this was fixed in the past on scoped search at https://github.com/wvanbergen/scoped_search/commit/a7666e4b0a44cf1c066848cc8ab2f57301a7a218.

the solution should be to add aliases to table join, per condition set (name / value), however from a quick glance I'm not sure how to resolve it within the current implementation of external method.

AFAIR forcing a join should trigger the join aliasing code in scoped search.

#8 - 10/22/2015 03:52 PM - Ohad Levy

I think the right way to solve it is probably via a patch to scoped_search, as there is no way to control the join statement from within the ext_method.

#9 - 11/12/2015 08:02 AM - Dominic Cleal

- *Status changed from New to Assigned*

- *Assignee set to Dominic Cleal*

Ohad Levy wrote:

I think the right way to solve it is probably via a patch to scoped_search, as there is no way to control the join statement from within the ext_method.

I don't think that's correct, it appears that joins can be controlled by adding a joins element to the returned hash:

https://github.com/wvanbergen/scoped_search/blob/v3.2.2/lib/scoped_search/query_builder.rb#L388-L394

#10 - 11/12/2015 08:23 AM - The Foreman Bot

- *Status changed from Assigned to Ready For Testing*

- *Pull request <https://github.com/theforeman/foreman/pull/2906> added*

#11 - 11/15/2015 08:01 AM - Dominic Cleal

- *Status changed from Ready For Testing to Closed*

- *% Done changed from 0 to 100*

Applied in changeset [57e9d8a360625afb6dfe292655cc03cd65719073](https://github.com/wvanbergen/scoped_search/commit/57e9d8a360625afb6dfe292655cc03cd65719073).