

## Foreman - Bug #1151

### Too many systems in dashboard summary

09/06/2011 12:22 PM - Jacob McCann

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> Tim Speetjens	
<b>Category:</b> Dashboard	
<b>Target version:</b> 0.4	
<b>Difficulty:</b>	<b>Fixed in Releases:</b>
<b>Triaged:</b>	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	
<b>Description</b>	
I am now noticing that hosts with modifications (active) are treated as both active and good. So I have 16 systems currently and it says 16 are good and 1 is active in my graph on the dashboard when I would expect 15 good and 1 active. This also affects the "Good Host Reports in the last x minutes" text summary.	

#### Associated revisions

##### Revision f443d54a - 10/27/2011 09:24 AM - Tim Speetjens

fixes #1151 Fix dashboard pie, to contain correct total number of hosts

to me this makes sense. Don't shoot me if the logic isn't 100% correct...

in short, active hosts are counted as ok hosts, which makes the counters get higher than the number of total hosts sometimes. To bring the pie to the sum of the hosts, only the missing reports should be added, which is included too.

Tim

Signed-off-by: Tim Speetjens <[tim.speetjens@gmail.com](mailto:tim.speetjens@gmail.com)>

##### Revision 87e42d24 - 10/31/2011 10:46 AM - Tim Speetjens

refs #1151 Fix the scopes so they behave as expected and Adapt dashboard pie data to the corrected scopes

Signed-off-by: Tim Speetjens <[tim.speetjens@gmail.com](mailto:tim.speetjens@gmail.com)>

#### History

##### #1 - 09/14/2011 02:42 AM - Ohad Levy

looking at the code, I cant figure out why you get duplicates:

- active hosts = hosts that have applied or restarted resource
- good hosts = hosts that don't have applied, restarted, failed or failed restarts

neither care about skipped resources, which I cant see a reason why one host would be in both groups.

any idea?

##### #2 - 09/14/2011 09:20 AM - Jacob McCann

I'll do some more digging today. I'm hitting this regularly and its easy to reproduce. I don't think it has anything to do with skipped resources this time. ;)

##### #3 - 09/14/2011 09:53 AM - Jacob McCann

I don't know if this will help.

```
mysql> select id,name,puppet_status from hosts;
+----+-----+
| id | puppet_status |
```

```

+-----+-----+
|  2 |      150994944 |
|  3 |      150994944 |
| 10 |      150994944 |
| 11 |      150994944 | 9 skipped, no failures/errors
| 13 |      150994944 |
| 14 |      150994944 |
| 15 |      150994944 |
| 17 |      150994944 |
| 18 |      150994944 |
| 24 |      150994944 |
| 25 |      184549376 |
| 26 |      184549376 |
| 27 |      184549376 |
| 28 |      184549376 |
| 36 |      150994944 | 9 skipped, no failures/errors
| 37 |      184549376 |
| 38 |      184549376 |
| 39 |      184549376 | 11 skipped, no failures/errors
| 40 |      184549376 |
| 41 |      184549376 | 11 skipped, no failures/errors
| 42 |      150994944 | 9 skipped, no failures/errors
| 43 |      150994951 | 7 applied, 9 skipped, no failures/errors
+-----+-----+

```

I couldn't figure how exactly to translate the puppet\_status, but I correlated it to the last run report to give me an idea that its some mathematical way of showing the status of the system.

Anyways, the above systems/status causes on my dashboard:

Description	Data
Good Host Reports in the last 60 minutes	22 / 22 hosts (100%)
Hosts that had performed modifications	1
Out Of Sync Hosts	0
Hosts in Error State	0
Hosts With Alerts Disabled	0

And its host with id 43 that is both showing as 'good' and 'active'.

#### #4 - 09/18/2011 02:38 PM - Ohad Levy

Jacob McCann wrote:

I don't know if this will help.

[...]

I couldn't figure how exactly to translate the puppet\_status, but I correlated it to the last run report to give me an idea that its some mathematical way of showing the status of the system.

the status number is actually a bit field, where each 6 bits represent a field.  
so it allow us to save in one integer all of the metrics (failed, restarted etc)

its probably easier to read the code, or even better, use the rails console to play with the values.

```

cd ~foreman
./script/console -e production
Host.all.each do |host|
  puts "#{host}: status => #{host.status.inspect}"
end

```

#### #5 - 09/24/2011 01:39 PM - Ohad Levy

did you find anything?

thanks

#### #6 - 09/26/2011 04:06 PM - Jacob McCann

Here is a paste with: <http://pastebin.com/w18RiGxV>

Status of all recent hosts  
Status of all hosts  
Count of all hosts

Count of hosts recent.successful  
Count of hosts recent.with\_changes  
Count of hosts recent.out\_of\_sync

So you can see the count is off by 1 currently for successful count ... unless (some) systems with recent changes are part of that count.

I say 'some' because there are times when everything does match up ...

If you want more output let me know. I'm not sure how to dig much deeper into this to help troubleshooting. :(

**#7 - 10/27/2011 09:26 AM - Tim Speetjens**

- Status changed from New to Closed
- % Done changed from 0 to 100

Applied in changeset [f443d54ae95f47d0e2015ef6ae84753f272d239f](#).

**#8 - 10/27/2011 09:26 AM - Ohad Levy**

- Category set to Dashboard
- Assignee set to Tim Speetjens