

Katello - Bug #24093

Getting "disk is % full" warnings even for < 90%

06/27/2018 01:50 PM - Daniel Lobato Garcia

Status:	Closed	
Priority:	Normal	
Assignee:	Daniel Lobato Garcia	
Category:	Notifications	
Target version:	Katello 3.7.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/Katello/katello/pull/7476	

Description

Copied from <https://community.theforeman.org/t/warning-disk-is-12-full/10085>

Problem:

When I log into foreman I see the red dot at the bell symbol. There is a notification "Proxies - 1 New Event - foreman.example.com's disk is 12% full. Since this proxy is running Pulp, it needs disk space to publish content views. Please ensure the disk does not get full."

I don't really see the point of this notification when there is still plenty of disk space available.

Expected outcome:

No notification, but only when disk space is maybe 90% full.

Foreman and Proxy versions:

1.17.1

Foreman and Proxy plugin versions:

Katello 3.6.0

Other relevant data:

[e.g. logs from Foreman and/or the Proxy, modified templates, commands issued, etc]

Associated revisions

Revision 6d90fb6e - 07/03/2018 06:56 PM - Daniel Lobato Garcia

Fixes #24093 - Notification is sent only when disk > 90%

Here's what happens for a proxy where the disk 12% full:

When the code runs, percentage 12% is < 90%.

The notification does not exist, therefore:

```
``ruby
percentage[0..2].to_i < 90 && notification_already_exists?(proxy)
true && false
false # so it does not skip the loop
``
```

The next line tries to update old notifications. Since there are no notifications at this point, `update_notifications(proxy).empty?` is true.

Finally it creates the notification (at this point we have a notification for proxy 'foreman.example.com' full at 12%).

After that, the job is scheduled, and when it runs (12h later):

The percentage is less than 90, 12%, and the notification already exists. At this point Foreman is happy and proceeds to remove the notification.

```
```ruby
percentage[0..2].to_i < 90 && notification_already_exists?(proxy) # evaluates to
true && true
```
```

For the next 12h, we don't have the notification.
Now, 12h later... GOTO beginning of the post :wink:
Basically right before creating the notification I added a check
for > 90% full. The rest of the logic should be fine.

History

#1 - 06/27/2018 02:05 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Assignee set to Daniel Lobato Garcia
- Pull request <https://github.com/Katello/katello/pull/7476> added

#2 - 06/27/2018 05:36 PM - Andrew Kofink

- translation missing: en.field_release set to 338

#3 - 07/03/2018 07:01 PM - Anonymous

- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset [katello|6d90fb6e83b4de83d805682eab084f8bfaa4b645](#).