

## Katello - Bug #6823

**you can not install on systems with big disk space: The installation requires at least 5G of storage.**

07/29/2014 02:50 PM - Bryan Kearney

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>	Bryan Kearney	
<b>Category:</b>	Installer	
<b>Target version:</b>	Katello 2.0	
<b>Difficulty:</b>		<b>Fixed in Releases:</b>
<b>Triaged:</b>	Yes	<b>Found in Releases:</b>
<b>Bugzilla link:</b>	1123582	<b>Red Hat JIRA:</b>
<b>Pull request:</b>	<a href="https://github.com/Katello/katello-installer/pull/92">https://github.com/Katello/katello-installer/pull/92</a>	

### Description

Cloned from [https://bugzilla.redhat.com/show\\_bug.cgi?id=1123582](https://bugzilla.redhat.com/show_bug.cgi?id=1123582)

Description of problem:

Installer complains I do not have enough free disk space - you can not install

Version-Release number of selected component (if applicable):

Satellite-6.0.4-RHEL-7-20140723.0

How reproducible:

always

Steps to Reproduce:

1. Check you gave free disk space in TBs: # df -H --total

```
Filesystem      Size Used Avail Use% Mounted on
/dev/mapper/rhel_dell--per620--02-root 54G 2.7G 51G 6% /
devtmpfs        17G  0 17G  0% /dev
tmpfs           17G  0 17G  0% /dev/shm
tmpfs           17G  9.4M 17G  1% /run
tmpfs           17G  0 17G  0% /sys/fs/cgroup
/dev/sda1       521M 110M 412M 22% /boot
/dev/mapper/rhel_dell--per620--02-home 47T 36M 47T  1% /home
total           47T 2.9G 47T  1% -
```

1. On a system with big enough free disk space (it TB) just run: # katello-installer

Actual results:

1. katello-installer

The installation requires at least 5G of storage.

Your system does not meet configuration criteria

Expected results:

Installation should proceed

Additional info:

I believe this is caused by this code which expects free disk space to be in gigabytes:

```
1. rpm -qf /usr/share/katello-installer/checks/disk_size.rb
   katello-installer-0.0.56-1.el7sat.noarch
2. cat /usr/share/katello-installer/checks/disk_size.rb
   #!/usr/bin/env ruby
```

```
SIZE = %q(The installation requires at least 5G of storage.)
```

```
def error_exit(message, code)
```

```
  $stderr.puts message
```

```
  exit code
```

```
end

begin
total_space = `df -H --total`.split("\n")[-1].split()[3]

  1. Look for a value greater than 4GB
    error_exit(SIZE, 1) unless total_space.include?("G")
    error_exit(SIZE, 2) if total_space.gsub("G","").to_i < 5
  rescue
  2. Eat the exception and continue
end
```

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## Associated revisions

### Revision 3c780f8f - 08/06/2014 12:45 PM - Bryan Kearney

Fixes #6823 : Use kilobytes instead of human readable strings and be more permissive if mongo already exists

### Revision b490b499 - 08/11/2014 03:07 PM - Bryan Kearney

Merge pull request #92 from bkearney/bkearney/6823

Fixes #6823 : Support T and G file system sizes

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## History

### #1 - 07/29/2014 02:52 PM - The Foreman Bot

- Status changed from New to Ready For Testing
- Target version set to 54
- Pull request <https://github.com/Katello/katello-installer/pull/92> added
- Pull request deleted ()

### #2 - 08/01/2014 04:29 PM - Eric Helms

- Triaged changed from No to Yes

### #3 - 08/11/2014 04:01 PM - Anonymous

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

Applied in changeset [katello-installer|3c780f8f3d9673cd5e664ecf05061b81ba6e3a5c](#).

### #4 - 08/22/2014 09:24 AM - Eric Helms

- translation missing: en.field\_release set to 13