

## FreeNAS - Bug #35404

### Fix race condition in SMART

06/20/2018 09:41 AM - Caleb St. John

<b>Status:</b> Done	
<b>Priority:</b> No priority	
<b>Assignee:</b> Vladimir Vinogradenko	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.1-U6	
<b>Seen in:</b> 11.1-U5	<b>Needs Merging:</b> No
<b>Severity:</b> Med High	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> No	

**Description**

On 11.1-U5, I have identified a drive that is not compatible with smartd (usb drive).

If I go into View Disks, under Storage and check the "Enable S.M.A.R.T." checkbox, I receive an error message in the GUI that states "The service failed to restart.". I have attached a screenshot labelled "enabling\_smart.png" showing the message.

This is expected behavior. If I go back into the webUI and UNCHECK the "Enable S.M.A.R.T." checkbox I receive the same "The service failed to restart" message in the webUI. I have attached a screenshot to this ticket labelled "disabling\_smart.png" showing this message.

Even though after disabling SMART for the USB drive, the smartd service starts up as usual. The cli shows the smartd process running as normal.

```
root@truenas:~ # ps -auxwh | grep -v grep | grep smartd
root      43394   1.5  0.0 10704  4956  -  Ss   09:38   0:00.19 /usr/local/sbin/smartd -n -i
          1800  -c /usr/local/etc/smartd.conf -p /var/run/smartd-daemon.pid
```

#### Associated revisions

##### Revision f6a7bff5 - 06/22/2018 07:47 AM - Vladimir Vinogradenko

fix(service): Fix race condition where StartNotify(verb="restart") reports success (because pid file exists) before stop command has a chance to remove pid file

Ticket: #35404

##### Revision 7737e8c9 - 06/22/2018 08:52 AM - Vladimir Vinogradenko

fix(service): Fix race condition where StartNotify(verb="restart") reports success (because pid file exists) before stop command has a chance to remove pid file

Ticket: #35404

#### History

##### #1 - 06/20/2018 09:42 AM - Caleb St. John

- File enabling\_smart.png added

- File enabling\_smart.png added

Attaching screenshots.

**#2 - 06/20/2018 09:50 AM - Dru Lavigne**

- Category changed from OS to Middleware
- Assignee changed from Release Council to William Grzybowski

**#4 - 06/20/2018 09:52 AM - William Grzybowski**

- Assignee changed from William Grzybowski to Vladimir Vinogradenko

Vladimir can you investigate why it says the service failed to start even though it did?

Thanks

**#5 - 06/22/2018 08:23 AM - Vladimir Vinogradenko**

- Status changed from Unscreened to Ready for Testing

Master PR: <https://github.com/freenas/freenas/pull/1423>

**#6 - 06/22/2018 08:52 AM - Vladimir Vinogradenko**

Stable PR: <https://github.com/freenas/freenas/pull/1428>

**#7 - 06/22/2018 08:55 AM - Dru Lavigne**

- Subject changed from webUI is stating smartd failed to restart when it actually did restart to Fix race condition in SMART

**#10 - 06/22/2018 11:46 AM - Dru Lavigne**

- Project changed from TrueNAS to FreeNAS
- Category changed from Middleware to Middleware
- Target version changed from TrueNAS-11.1-U6.1 to 11.1-U6
- Migration Needed deleted (No)
- Hide from ChangeLog deleted (No)
- Support Department Priority deleted (0)

**#12 - 08/01/2018 08:31 AM - Dru Lavigne**

- Needs Merging changed from Yes to No

**#13 - 08/13/2018 01:48 PM - Bonnie Follweiler**

- Status changed from Ready for Testing to Passed Testing
- Needs QA changed from Yes to No

Test Passed in FreeNAS-11.1-U6-INTERNAL3

**#14 - 08/13/2018 01:49 PM - Dru Lavigne**

- Status changed from Passed Testing to Done

**Files**

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enabling_smart.png	5.85 KB	06/20/2018	Caleb St. John
enabling_smart.png	5.85 KB	06/20/2018	Caleb St. John