

## FreeNAS - Bug #32772

### Reconfigure swap when a disk vanishes

04/30/2018 12:50 AM - Marco .

<b>Status:</b> Done	
<b>Priority:</b> No priority	
<b>Assignee:</b> William Grzybowski	
<b>Category:</b> Middleware	
<b>Target version:</b> 11.2-BETA1	
<b>Seen in:</b> 11.1-U4	<b>Needs Merging:</b> No
<b>Severity:</b> Medium	<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	
<b>Description</b>	
<p>A disk has failed and been ejected from the pool which continued to run in a degraded state. A replacement disk has been successfully resilvered and the pool is back online with redundancy. Done via hot-swap, no reboot.</p> <p>However, the swap partition on the disk has not been re-enabled. Therefore, we receive daily emails:</p> <pre>Checking status of gmirror(8) devices:       Name      Status  Components mirror/swap0  COMPLETE da7p1 (ACTIVE)                 da6p1 (ACTIVE) mirror/swap1  DEGRADED da4p1 (ACTIVE) mirror/swap2  COMPLETE da3p1 (ACTIVE)                 da2p1 (ACTIVE) mirror/swap3  COMPLETE da1p1 (ACTIVE)                 da0p1 (ACTIVE)  -- End of daily output --</pre>	
<p>Workaround: A reboot rebuilds the swap mirror. But that shouldn't be required.</p> <p>Desired outcome: Disk replacement should result in a successfully rebuilt mirror (or raidz) of the data pool as well as swap.</p>	
<b>Related issues:</b>	
Related to FreeNAS - Bug #28560: Removed disk remained in geom database	<b>Closed</b>

#### Associated revisions

##### Revision 89cd0864 - 05/14/2018 11:36 AM - William Grzybowski

feat(middlward): reconfigure swaps when disk vanishes

Ticket: #32772

##### Revision 37d95aa4 - 05/14/2018 11:47 AM - William Grzybowski

feat(middlward): reconfigure swaps when disk vanishes

Ticket: #32772

## History

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### #1 - 04/30/2018 05:18 AM - Dru Lavigne

- Assignee changed from Release Council to William Grzybowski

### #2 - 04/30/2018 10:24 AM - William Grzybowski

- Status changed from Unscreened to Screened

### #3 - 05/02/2018 08:25 AM - William Grzybowski

- Severity set to Medium

### #4 - 05/14/2018 07:31 AM - William Grzybowski

- Status changed from Screened to Not Started

- Target version changed from Backlog to 11.2-RC2

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

### #5 - 05/14/2018 09:01 AM - William Grzybowski

- Status changed from Not Started to Blocked

- Reason for Blocked set to Waiting for feedback

I cant seem to reproduce this on Nightlies.

Can you attach your System -> Advanced -> Save Debug?

### #6 - 05/14/2018 09:27 AM - Marco .

- File debug-freenas-20180514182441.tgz added

- Private changed from No to Yes

William Grzybowski wrote:

I cant seem to reproduce this on Nightlies.

Can you attach your System -> Advanced -> Save Debug?

done

Additional info: the system is in "faulted state" at the moment. We're receiving those emails daily.

### #7 - 05/14/2018 11:47 AM - William Grzybowski

- Status changed from Blocked to Ready for Testing

- Reason for Blocked deleted (Waiting for feedback)

**#8 - 05/14/2018 02:55 PM - Dru Lavigne**

- Subject changed from *Degraded swap after disk replacement* to *Reconfigure swap when a disk vanishes*
- Target version changed from *11.2-RC2* to *11.2-BETA1*
- Private changed from *Yes* to *No*

**#9 - 05/14/2018 02:55 PM - Dru Lavigne**

- File deleted (*debug-freenas-20180514182441.tgz*)

**#10 - 05/16/2018 09:59 AM - William Grzybowski**

- Related to *Bug #28560: Removed disk remained in geom database* added

**#11 - 07/02/2018 08:47 AM - Timothy Moore II**

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

Testing with FreeNAS Mini on INTERNAL13:

Created pool "test-32772" with two disks. Offline second disk. Replace disk and wait for resilver to finish. Check /var/log/messages and confirm swap is rebuilt.

**#12 - 07/02/2018 08:49 AM - Dru Lavigne**

- Status changed from *Passed Testing* to *Done*