

FreeNAS - Bug #27128

Do not destroy volume if wizard import fails

12/10/2017 02:55 PM - Eric Loewenthal

Status: Resolved	
Priority: Blocks Until Resolved	
Assignee: William Grzybowski	
Category: Middleware	
Target version: 11.1	
Seen in: 11.1-RC3	Needs Merging: Yes
Severity: New	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: Yes	ChangeLog Required: No
Needs Doc: Yes	
Description	
Reports are still trickling in that some cases can lead to FreeNAS destroying GELI metadata (for encrypted pools) or the partition table (for unencrypted pools) and issuing zpool destroy when cleaning up after a traceback, much like in #26834 .	
I don't have many details yet, but the following cases have been brought to my attention:	
During an update from 9.10.2-U6 to 11.0-U4, the update got stuck. After installing 11.0-U4 to new media, the pool was gone - it was not encrypted, so it could be recovered with zpool import -D and zpool destroy had been issued. Another forum user tried this out in his test environment and reported that updating to 11.0-U4 will murder pools if the boot pool runs out of space during the process.	
Importing a non-encrypted Corral pool on a fresh 11.1-RC3 install resulted in the partition tables being wiped and the pool being destroyed. This one also seems to be recoverable, though still unacceptable. I don't know what the actual error is that triggers this behavior.	
Related issues:	
Related to FreeNAS - Bug #26834: Do not destroy GELI metadata on failed encry...	Resolved 11/25/2017

Associated revisions

Revision 73d6b829 - 12/11/2017 06:31 AM - William Grzybowski

fix(gui): do not destroy volume on failed wizard form

Ticket: #27128

Revision 25a63629 - 12/11/2017 06:32 AM - William Grzybowski

fix(gui): do not destroy volume on failed wizard form

Ticket: #27128

(cherry picked from commit 73d6b8293a2784ea294c5151d9738ec61fbda96f)

Revision dc7d195f - 12/11/2017 09:19 AM - William Grzybowski

fix(gui): do not destroy volume on failed wizard form

Ticket: #27128

(cherry picked from commit 73d6b8293a2784ea294c5151d9738ec61fbda96f)

Revision 1c067735 - 12/12/2017 05:12 AM - William Grzybowski

fix(gui): do not destroy volume on failed wizard form

Ticket: #27128

History

#1 - 12/10/2017 04:44 PM - Eric Loewenthal

Correction: The first situation has not been reproduced after all, so the "out of space boot pool" bit is speculation.

#2 - 12/11/2017 06:09 AM - Dru Lavigne

- Assignee changed from Release Council to William Grzybowski
- Priority changed from No priority to Critical

William: here are 2 examples:

<https://forums.freenas.org/index.php?threads/installed-freenas-11rc3-and-wizard-failed-to-import-existing-volume.59640/>

<https://forums.freenas.org/index.php?threads/help-lost-pool-after-upgrading-to-freenas-11.59605/>

Both were recovered. From these examples do you think there are any more scenarios we need to account for?

#3 - 12/11/2017 06:09 AM - Dru Lavigne

- Related to Bug #26834: Do not destroy GELI metadata on failed encrypted import added

#4 - 12/11/2017 06:55 AM - William Grzybowski

- Subject changed from Pools are still being murdered when cleaning up certain tracebacks to Pool destroyed on Wizard error
- Status changed from Unscreened to Screened
- Priority changed from Critical to Blocks Until Resolved
- Target version set to 11.1

I can reproduce pool destroying if Wizard fails.

I cannot reproduce the full boot pool issue, perhaps that should be a different issue.

#5 - 12/11/2017 09:59 AM - Eric Loewenthal

William: Could you guys go through every call of volume.delete() and make sure that they're not relying on defaults? That is, if you haven't already.

At that point, Allan Jude's fix from the other day should be free from side-effects, too, and mitigate the damage in this sort of scenario in new code.

#6 - 12/11/2017 11:29 AM - William Grzybowski

- Status changed from Screened to Ready For Release

<https://github.com/freenas/freenas/pull/576>

<https://github.com/freenas/freenas/pull/575>

#7 - 12/11/2017 11:31 AM - Dru Lavigne

- Subject changed from *Pool destroyed on Wizard error* to *Do not destroy volume if wizard import fails*

#8 - 12/13/2017 04:11 PM - Dru Lavigne

- Status changed from *Ready For Release* to *Resolved*