

FreeNAS - Feature #28215

Allow force deletion of datasets in middleware and alert if busy

02/06/2018 06:57 AM - Kris Moore

Status: Done	Estimated time: 0.00 hour
Priority: Nice to have	
Assignee: William Grzybowski	
Category: Middleware	
Target version: 11.3-ALPHA1	
Severity: Low Medium	Needs Merging: No
Reason for Closing:	Needs Automation: No
Reason for Blocked:	Support Suite Ticket: n/a
Needs QA: Yes	Hardware Configuration:
Needs Doc: No	
Description As mentioned by John Sanderson, it would be nice to have the middleware properly detect if we cannot delete a clone or dataset if its busy, and then provide an option to "force". Example being when somebody left a SSH session open with their shell still sitting on the cloned dataset mountpoint. They had no idea it was still running but then the UI couldn't unmount and remove the clone properly.	
Related issues: Has duplicate FreeNAS - Feature #53039: Allow force deletion of datasets thro... Closed Copied to FreeNAS - Feature #59496: Detect Busy Clones / Datasets and prompt Closed	

Associated revisions

Revision a7bdaf0 - 11/22/2018 09:12 AM - William Grzybowski

feat(middlewared/pool): allow to force deletion of datasets

If unmounting a dataset fails EBUSY error will be raised.

Ticket: #28215

Revision d95e4f04 - 11/22/2018 10:01 AM - William Grzybowski

feat(middlewared/pool): allow to force deletion of datasets

If unmounting a dataset fails EBUSY error will be raised.

Ticket: #28215

Revision e1e1c903 - 01/21/2019 07:27 AM - William Grzybowski

feat(middlewared/pool): allow to force deletion of datasets

If unmounting a dataset fails EBUSY error will be raised.

Ticket: #28215

(cherry picked from commit d95e4f04eb9131b61cf2e7cb291ef6313aad9805)

History

#1 - 02/06/2018 08:56 AM - Alexander Motin

I suppose the original problem was in just missing error reporting. Having busy status reported could make behavior more user-friendly, and it would be a reasonable minimum to expect.

What's about further improvements, I guess we could parse fstat output to find processes having files open, but not sure how informative it can be for average end user. Also not sure how full is that information, since it seems at least ZVOLs files opened by kernel are not reported there.

One more related issue is that IIRC forceful destruction for ZVOLs is not working at this point due to the way they are implemented on FreeBSD. It would be nice to have, but would require non-trivial changes.

#2 - 04/27/2018 11:38 AM - Ben Gadd

- Target version changed from 11.3 to Backlog

#3 - 11/22/2018 09:13 AM - Bug Clerk

- Status changed from Not Started to In Progress

#4 - 11/22/2018 09:16 AM - William Grzybowski

- Copied to Feature #59496: Detect Busy Clones / Datasets and prompt added

#5 - 11/22/2018 10:01 AM - Bug Clerk

- Status changed from In Progress to Ready for Testing

PR: <https://github.com/freenas/freenas/pull/2133>

#6 - 11/22/2018 10:01 AM - Bug Clerk

- Target version changed from Backlog to 11.3

#7 - 11/22/2018 12:48 PM - William Grzybowski

- Has duplicate Feature #53039: Allow force deletion of datasets through v1 and v2 API added

#8 - 01/07/2019 07:58 AM - Dru Lavigne

- Subject changed from Detect Busy Clones / Datasets and prompt to Allow force deletion of datasets in middleware and alert If busy

- Needs Doc changed from Yes to No

- Needs Merging changed from Yes to No

#9 - 01/21/2019 10:59 AM - Dru Lavigne

- Target version changed from 11.3 to 11.3-BETA1

#10 - 01/21/2019 12:37 PM - Dru Lavigne

- Status changed from Ready for Testing to Done

#12 - 04/02/2019 08:20 AM - Dru Lavigne

- Target version changed from 11.3-BETA1 to 11.3-ALPHA1