

FreeNAS - Bug #14330

AFP- Accessing a time machine sparse bundle via AFP causes a kernel panic

03/29/2016 05:22 AM - Andre McGlown

Status: Closed: Cannot reproduce	
Priority: No priority	
Assignee: Alexander Motin	
Category: OS	
Target version: N/A	
Seen in: 9.10-RELEASE	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 I have a reproducible kernel panic issue that occurs when I attempt to access a Time Machine sparse bundle over afp. The error exist in both the 9.10-Stable as well. I have included the crash dump and am not sure what additional debugging I should perform.	

History

#1 - 03/29/2016 08:54 AM - Jordan Hubbard

- Assignee changed from Suraj Ravichandran to Chris Torek

- Target version set to Unspecified

#2 - 03/29/2016 11:49 AM - Chris Torek

- Category changed from 78 to 200

- Assignee changed from Chris Torek to Alexander Motin

The crash is in zfs, in (inlined) ddt_sync_entry (line 1054 reads:

```
VERIFY(ddt_object_update(ddt, ntype, nclass, dde, tx) == 0);
```

) There is only one kind of ddt object, a ZAP entry, so clearly ddt_zap_update has returned an error.

The only way for it to return an error is for zap_update_uint64 to return an error but there are a bunch of paths here that can fail: zap_lockdir, zap_name_alloc_uint64, and fzap_update can all return errors. (In this case we can eliminate zap_name_alloc_uint64 since it uses KM_SLEEP, though.)

mav is way more familiar with this code than I am, so I'll hand this off to him at this point :-)

#3 - 03/30/2016 05:23 AM - Alexander Motin

- Status changed from *Unscreened* to *Screened*

No quick clues, unfortunately. Dedup is not my favorite area.

#4 - 06/14/2016 07:14 PM - Andre McGlown

So the answer is disabling Deduplication and restoring data back to the pool? I am still getting random crashes.

#5 - 06/14/2016 09:26 PM - Jordan Hubbard

This assert going off looks rather like a corrupted pool (does this system have ECC memory?). Suggest full backup of data and recreation of pool. Also check SMART status of drives, while you're at it (unlikely to be the issue here but might as well be comprehensive).

#6 - 08/27/2016 01:39 PM - Kris Moore

- Status changed from *Screened* to *Closed: Cannot reproduce*

Timing out

#7 - 07/19/2017 09:02 AM - Kris Moore

- Target version changed from *Unspecified* to *N/A*

#8 - 02/28/2018 04:06 PM - Dru Lavigne

- File deleted (*config.txt*)

#9 - 02/28/2018 04:06 PM - Dru Lavigne

- File deleted (*ddb.txt*)

#10 - 02/28/2018 04:06 PM - Dru Lavigne

- File deleted (*panic.txt*)

#11 - 02/28/2018 04:06 PM - Dru Lavigne

- File deleted (*version.txt*)

#12 - 02/28/2018 04:06 PM - Dru Lavigne

- File deleted (*msgbuf.txt*)