

This topic from the old SourceForge.net forum was donated from a personal archive and has been edited to improve readability. If you do not want your posts reproduced herein, please notify one of the maintainers.

[\[SOLVED\] FreeNAS won't shutdown - file system corruption.](#)

by [heroicglaedr](#) » Mon May 24, 2010 5:23 pm

Hi,

Here the infos about my system:

Version 0.7.1 Shere (revision 5127)
OS Version FreeBSD 7.2-RELEASE-p7 (revision 199506)
Platform amd64-embedded on Intel(R) Atom(TM) CPU 330 @ 1.60GHz

I'm experiencing problems with shutting down my FreeNAS.
I get the following message on the FreeNAS screen:

Code: [Select all](#)

```
waiting for system process "vnlrn" to stop...done
waiting for system process "bufdaem" to stop...done
waiting for system process "syncer" to stop...done
syncing disks, vnodes remaining 0, 0 ...
```

The syncer fills the screen up with loads of numbers and it doesn't come to an end.
Does anybody know the cause of this problem and how to solve it?

Regards

[Re: FreeNAS won't shutdown](#)

by [a1562](#) » Tue May 25, 2010 10:44 pm

One of your services may be getting hung and not letting the disks sync. Try disabling them one at a time and shutting down until you find which it is. Then look for any mis-configured options.

REgards,
Al

[Re: FreeNAS won't shutdown](#)

by [heroicglaedr](#) » Wed May 26, 2010 9:06 pm

Hi,

Tried that without any success.
I didn't have any services running, but still some processes do not want to shutdown:

Code: [Select all](#)

```
May 26 19:04:12 init: some processes would not die; ps axl advised
```

So it must have something to do with the system configuration itself..

Regards

[Re: FreeNAS won't shutdown](#)

by [a1562](#) » Wed May 26, 2010 9:23 pm

heroicglaedr wrote: So it must have something to do with the system configuration itself..

Most likely not. From [init man page](#):

init man wrote:some processes would not die; ps axl advised. A process is hung and could not be killed when the system was shutting down. This condition is usually caused by a process that is stuck in a device driver because of a persistent device error condition.

There should be some other indicator in your log of what causes the problem, something must not be running properly or there may be system corruption or incompatibility in / with one of your drivers. Did you always have trouble shutting down or is problem something new?

Regards,
Al

Re: FreeNAS won't shutdown

by [heroiclaedr](#) » Sat May 29, 2010 1:00 pm

Hi

No this problem was not present when I installed the NAS. I tried to configure some services and now it won't shutdown anymore.

Here the content of the system log:

. . . .

What do you think, should I just try a fresh install?
Any other troubleshooting we could do?

Regards

Re: FreeNAS won't shutdown

by [al562](#) » Sat May 29, 2010 1:43 pm

heroiclaedr wrote:should I just try a fresh install?

Not yet.

heroiclaedr wrote:Any other troubleshooting we could do?

Yes:

- Backup your configuration if you haven't.
- Backup your all you data if you haven't.
- Fix what caused the system to crash, power issue most likely, though I really can't be sure what caused the corruption.
- fsck dirty file systems.

Your file systems are dirty as indicated by:

Code: [Select all](#)

```
May 29 14:57:34 freenas kernel: WARNING: /mnt/WDCaviarGreen was not properly dismounted
May 29 14:57:34 freenas kernel: WARNING: /mnt/Memstick was not properly dismounted
```

I would recommend you boot with the LiveCD and fsck those 2 file systems, this should be done no matter what. Then see if the shut down problem is resolved. If it is then we know it was caused by corruption. If the shutdown problem is not resolved then reset the system to defaults (you did backup your configuration, right) and see if the problem is resolved. If it is then we know it was caused by something in your configuration.

In the event you are not familiar with fsck here are some pointers. We **strongly recommend that everyone learn more about fsck before trying to fix file system errors** by reading the following:

- [FYI - fsck info](#)
- [FSCK makes me nervous](#)
- [Why / when / how I should fsck my filesystem's](#)
- [\[SOLVED\] Rebooting on file copy due to file system damage.](#)
- [\[SOLVED\] Power Loss - Freeze Crash & File System Corruption.](#)

Regards,
Al

Re: FreeNAS won't shutdown

by [heroiclaedr](#) » Sat May 29, 2010 2:52 pm

Hi,

Yeah, I did the backups of my data and configuration.
When I try to shutdown with the LiveCD it works (although the syncer still appears, it ends very quickly).

I ran fsck on my MemStick under da0s1/da0s2, it returns "Filesystem marked clean".
I, too, ran it on my HDD under ad4p1, it returned:

Code: [Select all](#)

```
..
Phase 4 - Check Reference Counts

UNREF FILE I=4 OWNER=root MODE=100400
SIZE=0 MTIME= May 26 16:56 2010
RECONNECT? yes

NO lost+found DIRECTORY
CREATE? yes

Phase 5 - Check Cyl groups

FREE BLK COUNT(S) WRONG IN SUPERBLK
SALVAGE yes

SUMMARY INFORMATION BAD
SALVAGE yes

BLK(S) MISSING IN BIT MAPS
SALVAGE? yes

Filesystem marked clean
```

Now I booted from the MemStick again and restarted and it worked 😊
Must have been caused by corruption, as you mentioned before.

Thank you for your help!

Regards

Re: [SOLVED] FreeNAS won't shutdown - file system corruption.

by [a1562](#) » Sat May 29, 2010 5:23 pm

You are very welcome 😊.
Have tagged topic [SOLVED] and moved it to the proper sub-forum.

Regards,
Al