

## FreeNAS - Bug #17949

replication is slow and used column in GUI is incorrect(see attached screen shot)

10/02/2016 03:22 PM - Vaibhav Chauhan

<b>Status:</b>	Closed: Behaves correctly	
<b>Priority:</b>	Important	
<b>Assignee:</b>	William Grzybowski	
<b>Category:</b>	Middleware	
<b>Target version:</b>	9.10.1-U2	
<b>Seen in:</b>	9.10.1-U1	<b>Needs Merging:</b> Yes
<b>Severity:</b>	New	<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>	Yes	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b>	Yes	

### Description

SOURCE: <https://stable-shark.ixsystems.com> creds (root/meh) (ixsystems FreeNAS mini )  
 TARGET: [http://miniranch.sjlab1.ixsystems.com/\(root/abcd1234\)](http://miniranch.sjlab1.ixsystems.com/(root/abcd1234)) (ixsystems FreeNAS mini )  
 SOURCE DS: shark-vol  
 TARGET DS: miniranch-vol/TARGET

1) initiated recursive replication process of SOURCE DS around 10:45 AM (PDT), 1st OCT 2016.(used size according to GUI 2.8 TiB)

```
[root@stable-shark] ~# df -h
```

Filesystem	Size	Used	Avail	Capacity	Mount
ed on					
freenas-boot/ROOT/9.10.1-INTERNAL3-U2	12G	837M	11G	7%	/
devfs	1.0K	1.0K	0B	100%	/dev
tmpfs	32M	8.3M	24M	26%	/etc
tmpfs	4.0M	8.0K	4.0M	0%	/mnt
tmpfs	5.3G	97M	5.2G	2%	/var
freenas-boot/grub	11G	7.3M	11G	0%	/boot
/grub					
fdescfs	1.0K	1.0K	0B	100%	/dev/
fd					
shark-vol	2.5T	27K	2.5T	0%	/mnt/
shark-vol					
shark-vol/afp-share	2.5T	48K	2.5T	0%	/mnt/
shark-vol/afp-share					
shark-vol/cifs-test-share	2.5T	25K	2.5T	0%	/mnt/
shark-vol/cifs-test-share					
shark-vol/jails	2.5T	50K	2.5T	0%	/mnt/
shark-vol/jails					
shark-vol/jails/.warden-template-pluginjail	2.5T	416M	2.5T	0%	/mnt/
shark-vol/jails/.warden-template-pluginjail					
shark-vol/jails/emby_1	2.5T	860M	2.5T	0%	/mnt/
shark-vol/jails/emby_1					
shark-vol/jails/plexmediaserver_1	2.5T	714M	2.5T	0%	/mnt/
shark-vol/jails/plexmediaserver_1					
shark-vol/jails/plexmediaserver_2	2.5T	664M	2.5T	0%	/mnt/
shark-vol/jails/plexmediaserver_2					
shark-vol/jails/transmission_1	2.5T	471M	2.5T	0%	/mnt/
shark-vol/jails/transmission_1					
shark-vol/jails_2	2.5T	24K	2.5T	0%	/mnt/
shark-vol/jails_2					

shark-vol/media	2.6T	66G	2.5T	3%	/mnt/
shark-vol/media					
shark-vol/shark-eats-apple	2.6T	154G	2.5T	6%	/mnt/
shark-vol/shark-eats-apple					
shark-vol/test-nfs-share	2.5T	24K	2.5T	0%	/mnt/
shark-vol/test-nfs-share					
shark-vol/vmware-nfs-share	2.8T	267G	2.5T	9%	/mnt/
shark-vol/vmware-nfs-share					
shark-vol/windows-vm-backup	2.5T	19G	2.5T	1%	/mnt/
shark-vol/windows-vm-backup					
shark-vol/.system	2.5T	27K	2.5T	0%	/var/
db/system					
shark-vol/.system/cores	2.5T	729K	2.5T	0%	/var/
db/system/cores					
shark-vol/.system/samba4	2.5T	148K	2.5T	0%	/var/
db/system/samba4					
shark-vol/.system/syslog-30ad4dd3fb9c445090fb28c130e0ac2e	2.5T	1.0M	2.5T	0%	/var/
db/system/syslog-30ad4dd3fb9c445090fb28c130e0ac2e					
shark-vol/.system/rrd-30ad4dd3fb9c445090fb28c130e0ac2e	2.5T	24K	2.5T	0%	/var/
db/system/rrd-30ad4dd3fb9c445090fb28c130e0ac2e					
shark-vol/.system/configs-30ad4dd3fb9c445090fb28c130e0ac2e	2.5T	286K	2.5T	0%	/var/
db/system/configs-30ad4dd3fb9c445090fb28c130e0ac2e					
linprocfs	4.0K	4.0K	0B	100%	/comp
at/linux/proc					
devfs	1.0K	1.0K	0B	100%	/mnt/
shark-vol/jails/emby_1/dev					
procfs	4.0K	4.0K	0B	100%	/mnt/
shark-vol/jails/emby_1/proc					
devfs	1.0K	1.0K	0B	100%	/mnt/
shark-vol/jails/plexmediaserver_1/dev					
procfs	4.0K	4.0K	0B	100%	/mnt/
shark-vol/jails/plexmediaserver_1/proc					
devfs	1.0K	1.0K	0B	100%	/mnt/
shark-vol/jails/plexmediaserver_2/dev					
procfs	4.0K	4.0K	0B	100%	/mnt/
shark-vol/jails/plexmediaserver_2/proc					
devfs	1.0K	1.0K	0B	100%	/mnt/
shark-vol/jails/transmission_1/dev					
procfs	4.0K	4.0K	0B	100%	/mnt/
shark-vol/jails/transmission_1/proc					
shark-vol/jails/emby_2	2.5T	853M	2.5T	0%	/mnt/
shark-vol/jails/emby_2					
devfs	1.0K	1.0K	0B	100%	/mnt/
shark-vol/jails/emby_2/dev					
procfs	4.0K	4.0K	0B	100%	/mnt/
shark-vol/jails/emby_2/proc					

2) on TARGET side I can see recursive DS being created as following until OCT 2nd 2016, 1:57 PM PDT

```
[root@miniref] ~# df -h
```

Filesystem	Size	Used	Avail	Capacity	M
ounted on					
freenas-boot/ROOT/9.10.1-U1	14G	13G	869M	94%	/
devfs	1.0K	1.0K	0B	100%	/
dev					
tmpfs	32M	8.2M	24M	26%	/
etc					
tmpfs	4.0M	8.0K	4.0M	0%	/
mnt					
tmpfs	11G	88M	11G	1%	/
var					
freenas-boot/grub	876M	7.3M	869M	1%	/
boot/grub					
fdescfs	1.0K	1.0K	0B	100%	/

dev/fd						
linprocfs	4.0K	4.0K	0B	100%	/	
compat/linux/proc						
miniranch-vol	2.0T	19K	2.0T	0%	/	
mnt/miniranch-vol						
miniranch-vol/.system	2.0T	397M	2.0T	0%	/	
var/db/system						
miniranch-vol/.system/cores	2.0T	19K	2.0T	0%	/	
var/db/system/cores						
miniranch-vol/.system/samba4	2.0T	70K	2.0T	0%	/	
var/db/system/samba4						
miniranch-vol/.system/syslog-b93112a5972b48e7bd11fa54ccbd9fd7	2.0T	1.1M	2.0T	0%	/	
var/db/system/syslog-b93112a5972b48e7bd11fa54ccbd9fd7						
miniranch-vol/.system/rrd-b93112a5972b48e7bd11fa54ccbd9fd7	2.0T	19K	2.0T	0%	/	
var/db/system/rrd-b93112a5972b48e7bd11fa54ccbd9fd7						
miniranch-vol/.system/configs-b93112a5972b48e7bd11fa54ccbd9fd7	2.0T	92K	2.0T	0%	/	
var/db/system/configs-b93112a5972b48e7bd11fa54ccbd9fd7						
miniranch-vol/TARGET	2.0T	21K	2.0T	0%	/	
mnt/miniranch-vol/TARGET						
miniranch-vol/TARGET/shark-vol	2.0T	19K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/shark-vol						
miniranch-vol/TARGET/test-nfs-share	2.0T	19K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/test-nfs-share						
miniranch-vol/TARGET/jails	2.0T	37K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails						
miniranch-vol/TARGET/jails/.warden-template-pluginjail	2.0T	409M	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails/.warden-template-pluginjail						
miniranch-vol/TARGET/jails/emby_1	2.0T	846M	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails/emby_1						
miniranch-vol/TARGET/jails/plexmediaserver_1	2.0T	701M	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails/plexmediaserver_1						
miniranch-vol/TARGET/jails/plexmediaserver_2	2.0T	652M	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails/plexmediaserver_2						
miniranch-vol/TARGET/jails/transmission_1	2.0T	462M	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails/transmission_1						
miniranch-vol/TARGET/jails_2	2.0T	19K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/jails_2						
miniranch-vol/TARGET/afp-share	2.0T	40K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/afp-share						
miniranch-vol/TARGET/windows-vm-backup	2.0T	17G	2.0T	1%	/	
mnt/miniranch-vol/TARGET/windows-vm-backup						
miniranch-vol/TARGET/vmware-nfs-share	2.3T	256G	2.0T	11%	/	
mnt/miniranch-vol/TARGET/vmware-nfs-share						
miniranch-vol/TARGET/cifs-test-share	2.0T	20K	2.0T	0%	/	
mnt/miniranch-vol/TARGET/cifs-test-share						
miniranch-vol/TARGET/media	2.1T	66G	2.0T	3%	/	
mnt/miniranch-vol/TARGET/media						
miniranch-vol/TARGET/shark-eats-apple	2.2T	150G	2.0T	7%	/	
mnt/miniranch-vol/TARGET/shark-eats-apple						

this is a completely separate issue but I am also not seeing any boot device ALERTS (on TARGET) being nearly full on the console(I can create a separate ticket for this when confirmed)

## History

### #1 - 10/02/2016 03:24 PM - Vaibhav Chauhan

- File Screen Shot 2016-10-02 at 3.24.04 PM.png added

- Subject changed from replication is slow and used column in GUI is incorrect to replication is slow and used column in GUI is incorrect(see attached screen shot)

### #2 - 10/02/2016 06:09 PM - William Grzybowski

- Status changed from Unscreened to 15

What is the issue? I dont see anything wrong here?

PS: Using "df" to check sizes on ZFS is just wrong.

**#3 - 10/02/2016 08:24 PM - Vaibhav Chauhan**

I was thinking maybe taking a day to replicate 2 Tib of data on a machine on same network is not fast. if you think it's fine I will close the ticket.

**#4 - 10/02/2016 08:24 PM - Vaibhav Chauhan**

- Status changed from 15 to Closed: Behaves correctly

**Files**

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Screen Shot 2016-10-02 at 3.24.04 PM.png	9.05 KB	10/02/2016	Vaibhav Chauhan
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