

## FW: Ufsdump to remote tape device

**Source:** <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2005-03/0370.html>

---

**From:** Darren Brechman-Toussaint ([Darren.Toussaint\\_at\\_SecurityMail.com.au](mailto:Darren.Toussaint_at_SecurityMail.com.au))

**Date:** 03/21/05

Date: Mon, 21 Mar 2005 09:55:16 +1000

To: <[sunmanagers@sunmanagers.org](mailto:sunmanagers@sunmanagers.org)>

Hi all,

If anyone has tried to reply to this message and received an error message please forward your response to [darren2saint\(at\)yahoo.com.au](mailto:darren2saint@yahoo.com.au)

Thanks

Darren

-----Original Message-----

From: [sunmanagers-bounces@sunmanagers.org](mailto:sunmanagers-bounces@sunmanagers.org)

[<mailto:sunmanagers-bounces@sunmanagers.org>] On Behalf Of Darren Brechman-Toussaint

Sent: Friday, 18 March 2005 3:32 PM

To: [sunmanagers@sunmanagers.org](mailto:sunmanagers@sunmanagers.org)

Subject: Ufsdump to remote tape device

Hi all,

I have a server that has been running backups of local disks to a tape drive on a remote system. These backups have been running for a very long time, but for the last 4 days 1 particular filesystem always fails when trying to backup to the tape.

The backup script has about 20 different local mount points that get backed up with both ufsdump and vxdump and all other filesystem backups continue to work without error. The filesystem that fails to backup is the local root filesystem. I have also successfully backed up the root filesystem to a file on the local system without any errors.

Below is the output from ufsdump, after attempting the backup many times, the backup seems to fail at random points in the backup, sometimes very soon after starting to dump the files or sometimes 70% of the backup will complete and then fail with "Lost connection to remote host."

DUMP: Writing 32 Kilobyte records

DUMP: Date of this level 0 dump: Fri Mar 18 02:52:55 2005

## SunManagers: FW: Ufsdump to remote tape device

DUMP: Date of last level 0 dump: the epoch  
DUMP: Dumping /dev/vx/rdisk/rootvol (asterix:/) to  
monitor:/dev/rmt/0un.  
DUMP: Mapping (Pass I) [regular files]  
DUMP: Mapping (Pass II) [directories]  
DUMP: Estimated 8894354 blocks (4342.95MB).  
DUMP: Dumping (Pass III) [directories]  
DUMP: Dumping (Pass IV) [regular files]  
DUMP: 8.66% done, finished in 1:45  
DUMP: 30.76% done, finished in 0:45  
DUMP: 53.92% done, finished in 0:25  
DUMP: 77.03% done, finished in 0:11  
DUMP: Lost connection to remote host.

I have run a truss on the remote system on the /etc/rmt command and when the backup stops the rmt command is always waiting to read from STDIN, see the last 10 lines of truss output below:

```
19227: setcontext(0xEFFFFBD0)
19227: read(0, " W", 1) = 1
19227: read(0, " 3", 1) = 1
19227: read(0, " 2", 1) = 1
19227: read(0, " 7", 1) = 1
19227: read(0, " 6", 1) = 1
19227: read(0, " 8", 1) = 1
19227: read(0, "\n", 1) = 1
19227: read(0, "9010\01C @\0\0\09210 14".., 32768) = 27740
19227: read(0, 0x0002A6EC, 5028) (sleeping...)
```

When the ufsdump reports "Lost connection to remote host", it continues running and must be killed with a -9, also the /etc/rmt processes on the remote host must be killed with a -9.

System details:

System running backup:

- Solaris 8
- root filesystem is a Veritas volume manager mirror. (have successfully backed up another Veritas
- ufs and vxfs filesystems

Remote system details:

- Solaris 9 with latest patches as of Wed 16th Mar
- writing to local DLT7000

Can anybody give me any clues on what might be happening or how to fix it?

Thanks

Darren Brechman-Toussaint  
Unix Administrator

FW: Ufsdump to remote tape device

SunManagers: FW: Ufsdump to remote tape device

SecurityMail Pty Ltd  
36 Northlink Pl, Virginia QLD 4014  
t (07) 3866 8444  
f (07) 3866 8400  
m 0439 866 844  
e Darren.Toussaint@securitymail.com.au  
w <http://www.securitymail.com.au>

---

sunmanagers mailing list  
sunmanagers@sunmanagers.org  
<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>

---

sunmanagers mailing list  
sunmanagers@sunmanagers.org  
<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>