

SUMMARY: Stordge 3310 configuration problems

Source: <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2004-03/0448.html>

From: Erwin Broschinski (*broschi_at_id.ethz.ch*)

Date: 03/18/04

Date: Thu, 18 Mar 2004 15:25:10 +0100 (MET)

To: sunmanagers@sunmanagers.org

Hi all

thanks for all the brainware and expertise used on this problem
and for the answers from:

Dagobert Michelsen

Grzegorz Bakalarsky (special thanks for many useful config hints :^))

Austin, Annie

Darren Dunham

Matt Clausen

Arpad I Toth

kristianto.setiawan

The main problem was:

There is a 1TB limit to disks in Solaris 8.

Dagobert Michelsen:

*>Please note that VTOC labels only work up to 1 TB. Above that
>you have to use EFI labels available starting in Solaris 9 4/03.*

So I

1. created the 1.3TB logical disk (RAID5),
2. created an appropriate logical volume,
3. created 2 partitions each smaller than 1TB on this volume
4. mapped the 2 LUNs to the SCSI channel I wanted to use.
5. modified /kernel/drv/sd.conf to allow for 2 LUNs on one target.

(later I joined the 2 LUNs in Veritas Volume Manager 3.5 to a 999.999 MB Volume – it does not like >1TB in the beginning – and resized the file system (vxf) to 1.3 TB. Finished.)

This was my first posting on this list and I am very much delighted to see how well it works!

Erwin

P.S. the empty 'ssconsole' windows are still there – some java stuff is not

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correctly installed: Veritas 'vea' shows similar symptoms. I will dive into this again.

Original Posting:

-----FW: <XFMail.20040317101928.broschi@id.ethz.ch>-----

Date: Wed, 17 Mar 2004 10:19:28 +0100 (MET)
From: Erwin Broschinski <broschi@id.ethz.ch>
To: sunmanagers@sunmanagers.org
Subject: Storedge 3310 configuration problems

Hi

I have a Storedege 3310 attached to a V120 running 5.8 Generic_108528-29

I want to have just one LUN to this one host.

The top left and top right SCSI connectors on the rear of the 3310 are connected, the V120 is attached to the top middle connector like this:



Using the serial interface menu on the 3310 I have created one logical drive with RAID5, one spare disk, giving a total of 1.3TB.

I can see this in 'sccli' with 'show configuration' (on the V120):

LD LD-ID Size Assigned Type Disks Spare Failed Status

ld0 2AA4D344 1.33TB Primary RAID5 11 1 0 Good

* logical-volumes

LV LV-ID Size Assigned LDs

lv0 792EF2DE 1.33TB Primary 1 ld0

* partitions

LD/LV ID-Partition Size

ld0-00 2AA4D344-00 1.33TB
lv0-00 792EF2DE-00 1.33TB

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Problem: I can see the 3310 with probe-scsi-all, but it does not show in
===== 'format' after a reconfigure boot :^((

The logical volume has been created in a second step, it did not make any
difference.

I have also connected the SCSI host cable to the lower left connector. No
difference after a reconfigure boot.

There is a SUN Doc ID 70146, giving a similar problem for a Dual Ultra3 SCSI
Adapter which I am not using.

(Also: the 'sconsole' program which can be used for configuration comes up
with 2 almost empty windows that just stay like this ??)

Any help is very much appreciated.

Thanx in advance

Erwin

-----End of forwarded message-----

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