

Re: fsck failure at boot

Source: <http://linux.derkeiler.com/Mailing-Lists/RedHat/2006-04/msg00378.html>

- *From:* Krishnaprasad <k.krishna@xxxxxx>
 - *Date:* Fri, 21 Apr 2006 17:28:06 +0530
-

try to mount /dev/sdb1 to loop

ie mount -o loop /dev/sdb1
then run

e2fsck /dev/sdb1

it may work...

Jason Dixon wrote:

We have an Altix 350 (ia64) 2-node server running RHAS 4. I just installed a fibre Qlogic HBA (QLA2310) in the controller node, which seemed to work fine. I formatted one large ext3 partition (sdb1) and was able to mount it flawlessly. Upon rebooting, however, the system hung while checking the new filesystem:

```
...
Checking all file systems.
[/sbin/fsck.ext3 (1) -- /san] fsck.ext3 -a /dev/sdb1
/dev/sdb1:
The superblock could not be read or does not describe a correct ext2
filesystem. If the device is valid and it really contains an ext2
filesystem (and not swap or ufs or something else), then the superblock
is corrupt, and you might try running e2fsck with an alternate superblock:
e2fsck -b 8193 <device>
```

```
fsck.ext3: No such file or directory while trying to open /dev/sdb1
[FAILED]
```

```
*** An error occurred during the file system check.
*** Dropping you to a shell; the system will reboot
*** when you leave the shell.
Give root password for maintenance
(or type Control-D to continue):
...
```

Re: fsck failure at boot

Fsck'g the filesystem reports it as clean, and I'm able to mount the partition immediately:

```
(Repair filesystem) 1 # fsck.ext3 /dev/sdb1
e2fsck 1.35 (28-Feb-2004)
/dev/sdb1: clean, 11/61292544 files, 1949532/122554648 blocks
(Repair filesystem) 2 # mount /san
(Repair filesystem) 3 # df -h
Filesystem Size Used Avail Use% Mounted on
/dev/mapper/VolGroup00-LogVol00
74G 7.6G 63G 11% /
/dev/sdb1 461G 102M 437G 1% /san
```

Does anyone have any clues as to why this is happening? If I comment out the relevant line in fstab, the machine boots up fine. I can then manually mount the filesystem, but certainly this should not be necessary.

```
[root@altix ~]# grep san /etc/fstab
/dev/sdb1 /san ext3 defaults 1 2
```

Thanks,

--

Jason Dixon
DixonGroup Consulting
<http://www.dixongroup.net>

--

Rgds

KRISHNAPRASAD.K
R&D Engineer
HCL INFOSYSTEMS LTD
PONDICHERRY
Mob: 09894530948

--

redhat-list mailing list
unsubscribe <mailto:redhat-list-request@xxxxxxxxxx?subject=unsubscribe>
<https://www.redhat.com/mailman/listinfo/redhat-list>