

Re: DiskSuite Mirror "Needs Maintenance"

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2005-10/1756.html>

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On Wed, 26 Oct 2005 mccmx@hotmail.com wrote:

> *I recently had a server crash while restoring some files onto a data
> filesystem (/home1).*
>
> */home1 is mirrored via SDS.*
>
> *After the crash the server wouldn't reboot because of inconsistencies
> in /home1.*
>
> *In order to get the server to boot up I ran fsck manually on the 2
> individual slices in the /home1 mirror. This did the trick and I was
> able to boot the server. Everything is running OK now, but my metastat
> output now shows:*
>
> *d34: Mirror*
> *Submirror 0: d14*
> *State: Needs maintenance*
> *Submirror 1: d24*
> *State: Needs maintenance*
> *Pass: 1*
> *Read option: roundrobin (default)*
> *Write option: parallel (default)*
> *Size: 62916642 blocks*
>
> *d14: Submirror of d34*
> *State: Needs maintenance*
> *Invoke: metareplace d34 c0t0d0s7 <new device>*
> *Size: 62916642 blocks*
> *Stripe 0:*
> *Device Start Block Dbase State Hot Spare*
> *c0t0d0s7 0 No Maintenance*
>
>
> *d24: Submirror of d34*
> *State: Needs maintenance*
> *Invoke: after replacing "Maintenance" components:*

comp.unix.solaris: Re: DiskSuite Mirror "Needs Maintenance"

```
> metareplace d34 c0t8d0s7 <new device>
> Size: 62916642 blocks
> Stripe 0:
> Device Start Block Dbase State Hot Spare
> c0t8d0s7 0 No Last Erred
>
>
> hsp001: is empty
>
> Any ideas how to fix up SDS...?
>
> Matt
```

If you know there is no trouble with the disks, as is the case here (most probably) then just reenable the disks starting with the one that is not "Last Erred" since that "Last Erred" on eis most up to date...

i.e.

```
metareplace -e d34 c0t0d0s7
and when thats synced up
metareplace -e d34 c0t8d0s7
```

all done

/Johan A