

## Re: reboot loses EMC disks

**Source:** <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2005-02/0046.html>

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*Daryl.Mitchell\_at\_us.o-i.com*

**Date:** 02/03/05

To: "'sunmanagers@sunmanagers.org'" <sunmanagers@sunmanagers.org>

Date: Thu, 3 Feb 2005 08:43:33 -0500

Seems there's more going on than I realized. When I reboot reconfigure, the host sees the other path to the devices, however, the host hangs when trying to load the 'sys' module into the kernel. I have Sun and EMC looking into the dump now. Thanks for your replies.

Regards

DM

Daryl A  
Mitchell/User/O-I

To

02/02/2005 08:23 Darren Dunham <ddunham@taos.com>

AM cc

"sunmanagers@sunmanagers.org"

<sunmanagers@sunmanagers.org>

Subject

Re: reboot loses EMC disks(Document  
link: Daryl A Mitchell)

I have a second path over another HBA (same card type, uses the same driver) and those come up fine. That's what has me stumped. They have sd.conf persistent bindings like so:

```
name="sd" class="scsi" target=4 lun=0 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=68 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=69 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=70 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=71 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=72 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=73 hba="fcaw0" wwn="50060482cafdd4b3";
```

## SunManagers: Re: reboot loses EMC disks

```
name="sd" class="scsi" target=4 lun=74 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=75 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=167 hba="fcaw0" wwn="50060482cafdd4b3";
name="sd" class="scsi" target=4 lun=168 hba="fcaw0" wwn="50060482cafdd4b3";
```

```
name="sd" class="scsi" target=5 lun=0 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=68 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=69 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=70 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=71 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=72 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=73 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=74 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=75 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=167 hba="fcaw1" wwn="50060482cafdd4bc";
name="sd" class="scsi" target=5 lun=168 hba="fcaw1" wwn="50060482cafdd4bc";
```

fcaw0's come online just fine. But not the fcaw1 luns. If I do  
drvconfig,disks,devlinks /var/adm/messages finally says 'Target 5, Lun xx'  
available. Then I run my vxctl enable to get dmp happy.

I'm stumped as to why one would come up okay and the other needs further  
encouragement.

DM

Darren Dunham  
<ddunham@taos.com

> To

Daryl.Mitchell@us.o-i.com

02/01/2005 05:01 cc

PM

Subject  
Re: reboot loses EMC disks

>

> *For some reason, one of my old E10K domains running Solaris 2.6 (I know,*  
*if*

> *it were up to me, 2.6 would be gone!)* doesn't want to see the EMC disks

> *I've given it while booting. I have to invoke drvconfig, disks,*

> *devlinks before it sees them so I know the zoning and configs are*  
*correct.*

>

> *It's sees the EMC FA just fine:*

Re: reboot loses EMC disks

SunManagers: Re: reboot loses EMC disks

> Jan 30 22:42:27 host1 unix: fcaw1: Port 613f13  
> (50060482cafdd4bc:50060482cafdd4bc) available.  
>  
> But I don't get any 'Lun present' messages. After boot I run  
> drvconfig/disks/devlinks and everything is there all the sudden.

Do you see other disks before or after the FA line? Any chance that the fcaw driver is loading after the disks are seen?

Perhaps adding a forceload drv/fcaw to the /etc/system could help?

That's just a SWAG.

--  
Darren Dunham ddunham@taos.com  
Senior Technical Consultant TAOS <http://www.taos.com/>  
Got some Dr Pepper? San Francisco, CA bay area  
< This line left intentionally blank to confuse you. >

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