

## Re: RAID A1000: Cant see the module

**Source:** <http://unix.derkeiler.com/Newsgroups/comp.unix.solaris/2003-08/3307.html>

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**From:** Mr. Johan Andersson ([johan\\_at\\_solace.mh.se](mailto:johan_at_solace.mh.se))

**Date:** 08/27/03

Date: Wed, 27 Aug 2003 18:09:01 +0200

On Wed, 27 Aug 2003, Vikas Agnihotri wrote:

> *On Wed, 27 Aug 2003 16:46:21 +0200, Mr. Johan Andersson*  
> *<johan@solace.mh.se> wrote:*

<snip a lot>

> > *ten luns?*

>

> *Yes, long story. Lets not go into that!*

kk

> > *Many small luns, ah well, wont go into that.*

>

> *Exactly! :-)*

:-)

> *[Feel free to have a offline discussion with me about this. Use usenet at*  
> *vikas.mailshell.com]*

Nah, seems you already know the issues...

> > *thast old, upgrade later :-)*

>

> *Well, whats the latest firmware? 3.01.04.75? Even thats dated Jun 2002.*

yes, but as with all firmware, they tend to fix something that was bad in earlier releases, cekck teh bugfixlist in the patch and see if its worth your time, it doesnt really take that long to do :-)

> > *As you can see, teh module has one name in one case, and another in the*  
> > *other, so it seems the system is quite confused with the array.*

>

> *Oops! Sorry, my mistake. I changed the module name in 1 place (to hide it!)*  
> *and not in the other. The name is the same.*

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Ah, well, I assume the oracle oen is the right one considering... not that it matters...

> > *It basically looks like you had the A1000 connected with one setup, then  
> > rebuilt it and gotten bad data into the rdriver*  
>  
> *Yes, I did build it when it was connected to another host and I just  
> attached it to this host.*  
>  
> *Anyway, turns out my problem was the more than 8 luns per controller. I  
> edited /etc/default/rmparms to*

Ah, yes, should have popped into my head when I said ten, knew it was something :-)

> *System\_MaxLunsPerController=32*

Dont make the number higher than you need, it really adds to boot time.

> *and added targets to /kernel/drv/sd.conf*  
>  
> *name="sd" class="scsi" target=5 lun=8;*  
> *name="sd" class="scsi" target=5 lun=9;*  
>  
> *and also created /kernel/drv/glm.conf (as per the instructions in patch  
> 109885-09)*  
>  
> *# cat /kernel/drv/glm.conf*  
>  
> *device-type-scsi-options-list =*  
> *"Symbios StorEDGE A1000", "lsi-scsi-options",*  
> *"Symbios StorEDGE A3000", "lsi-scsi-options",*  
> *"SYMBIOS RSM Array 2000", "lsi-scsi-options";*  
> *lsi-scsi-options = 0x407f8;*  
>  
> *and did 'reboot -- -rv' and everything is working smoothly.*  
>  
> *Thanks for your help.*  
>

Seems you know your way around it..

/Johan A