

Re: Migrating to FastT

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-07/0222.html>

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To: aix-l@Princeton.EDU

```
> Been there done that. Will try again.
>
> #!/t1
> hdisk2 deleted
> hdisk3 deleted
> dar0 deleted
> dar1 deleted
> dac0 deleted
> dac1 deleted
> fcnet0 deleted
> fcnet1 deleted
> fscsi0 deleted
> fcs0 deleted
> fscsi1 deleted
> fcs1 deleted
>
> Where t1 is :
>
> for i in `lsdev -Cc disk|grep Array|awk '{print $1}'`
> do
> rmdev -dl $i
> done
>
> rmdev -dl dar0
> rmdev -dl dar1
>
> rmdev -dl dac0
> rmdev -dl dac1
>
> rmdev -dl fcnet0
> rmdev -dl fcnet1
>
> rmdev -Rdl fcs0
> rmdev -Rdl fcs1
>
> So now ...
```

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```
>  
> # fget_config -Av  
> #  
>  
> Ok .. I'll spare you the cfgmgr -v ...  
>  
> # fget_config -Av  
>  
> ---dar0---  
>  
> User array name = 'VSC_DS4300_1'  
> dac0 ACTIVE dacNONE ACTIVE  
>  
> Disk DAC LUN Logical Drive  
> utm 31  
> hdisk2 dacNONE 0 colleague2  
>  
> ---dar1---  
>  
> User array name = 'VSC_DS4300_1'  
> dac1 ACTIVE dacNONE ACTIVE  
>  
> Disk DAC LUN Logical Drive  
> utm 31  
> hdisk3 dac1 0 colleague2
```

Nice try, but it's still sick. Hmmmm.

```
> > still have two dar devices), then it may be controller firmware  
> > related. You may want to check if there is a newer firmware available  
> > for your FAStT box (probably 6.12 or 6.15). Since you have two  
>  
> Ok, that's the next step. We're running 6.12.03 ... so I'll look for a  
> newer version.
```

In fact, I have never seen this kind of behavior with any of the 6.xx firmwares. So I do not anticipate that an upgrade would solve the issue. However, if you have the will and the means you can go ahead and try a new firmware. It may also prove to be helpful if you are willing to escalate the problem to IBM since they always insist on using the newest version available.

```
> > switches and the are not connected via an ISL (they are not, aren't  
> > they? should not be), zoning is not much of an issue because your  
> > paths are running like parallel lines, which is the correct way.  
>  
> Right. No ISL's that I know of.
```

Good, good. If all else fails you may want to rewire the config for a minute, just to make some tests. Try to attach the FAStT directly to your FC adapters (F/C 6239, I assume) and see if it solves the issue.

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Other than that, you can still check the microcode on the adapters and the level of AIX drivers (`devices.fcp.disk.rte` and `devices.fcp.disk.array.rte`). I have no other ideas.

Check the connections. Unplug the LC connectors and check them, you should see red light coming out of both connectors (one wire per connector, of course).