

Re: VIO Issue

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-04/msg00091.html>

- *From:* Jeff Barratt-McCartney <jbarratt@xxxxxxxxxxxxx>
 - *Date:* Tue, 11 Apr 2006 07:34:24 -0400
-

dacNONE indicates a zoning/cabling/LUN presentation issue.

1. identify which controller is working.(lsdev -Cc disk/lsdev -Cc adapter). check hdisk4, it's working.
2. remove the disks that say dacNone and the non working adapter (rmdev -dl hdiskX;rmdev -dl fcsX -R;rmdev -dl dac1 -R)
3. fix your zoning/cabling issue. (most likely zoning is incorrect)
4. reboot.

-----Original Message-----

From: IBM AIX Discussion List on behalf of Copper, Steve
Sent: Tue 4/11/2006 3:40 AM
To: aix-l@xxxxxxxxxxxxx
Subject: Re: VIO Issue

Hi John,

Thanks for that link – it is nearly the setup that I want and shows how the output is meant to be however when I do the fget_config -Av command I get the following output:

```
# fget_config -Av
```

```
---dar0---
```

```
User array name = 'dsa_devsan'  
dac0 ACTIVE dacNONE ACTIVE
```

```
Disk DAC LUN Logical Drive  
utm 31  
hdisk3 dacNONE 0  
hdisk4 dac0 1 A1LD3  
hdisk5 dacNONE 2 A2LD3  
hdisk6 dac0 3 A3LD3
```

```
---dar1---
```

```
User array name = 'dsa_devsan'
```

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dac1 ACTIVE dacNONE ACTIVE

Disk DAC LUN Logical Drive
utm 31
hdisk7 dacNONE 0
hdisk8 dacNONE 1 A1LD3
hdisk9 dac1 2 A2LD3
hdisk10 dacNONE 3 A3LD3
#

Which shows the 2 paths to the same Logical drives. (Since the last email I have removed the 12 and only attached 3 Logical drives)

Think I might be phoning this one in.

Thanks
Steve

-----Original Message-----

From: John Monahan [<mailto:JMonahan@xxxxxxxxxxxxx>]
Sent: 10 April 2006 20:05
To: aix-1@xxxxxxxxxxxxxxx
Subject: Re: VIO Issue

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Please exercise caution when receiving any attachment(s) from unknown sources. If in any doubt, do not open any attachment and delete the message immediately.

Thank you for your co-operation.

Not sure if this has the same information that is in the redbook or not, but you can check it out.

<http://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/WP100580>

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Re: VIO Issue

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"Copper, Steve" <scopper@xxxxxxxxxxxxxxxxxxxx> Sent by: IBM AIX Discussion List <aix-l@xxxxxxxxxxxxxxxx>
04/10/2006 07:30 AM
Please respond to
IBM AIX Discussion List <aix-l@xxxxxxxxxxxxxxxx>

To
aix-l@xxxxxxxxxxxxxxxx
cc

Subject
VIO Issue

Hi All,

I have a question about multipathing on the VIO servers which I hope someone can help with. Basically I am trying to set up the scenario as

per

the attached diagram which is from the redbook sg247940, Advanced Power Virtualization on IBM System p5, Chapter 5, page 249.

The only difference to the diagram is that the DS4800 goes through 2 SAN switches, one controller through each. Each fibre card on the VIO is

zoned

to see only one of the controllers. I have created a host group on the ds4800 which has the 2 fibre cards in and 12 disks assigned to the host group. As per the diag ds4800 attached.

The issue I am having is that in this configuration, after I have done

the

cfgdev on the VIO server, I am seeing 2 hdisks for the same disk (I have checked the ieec_volname parm to be sure). In this case I have hdisk0-hdisk28 inclusive. Hdisk0, hdisk1 and hdisk2 are the internal disks. Not sure what hdisk3 and hdisk4 are doing here, they were present even before I allocated and disks to the VIO. Then I have hdisk5-28

which

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are the 24 paths to the 12 disks.

As per the diagram, it indicates that there should only be 1 hdisk for
the

disk as the RDAC driver will have sorted out the dual path to present
only

the one disk. This is the part that I am not seeing and am stuck on.
Earlier on in the chapter on page 245 there is a Note which says to use
the oem_setup_env command (which creates a root shell) for installing

and

configuring the multi-path environment on the VIOs. What commands are
used

in the above shell to achieve the configuration?

One other thing that I have noticed is that when listing the filesets
which
are required for the RDAC there is no version number or description
associated with them, as below. Is this right? Or should there be that
info?

```
$ lssw | grep fc  
devices.common.IBM.fc.hba-api  
devices.common.IBM.fc.rte  
devices.fcp.disk.array.diag  
devices.fcp.disk.array.rte  
devices.fcp.disk.rte 5.3.0.41 A F FC SCSI CD-ROM, Disk,  
devices.fcp.tape.rte 5.3.0.41 A F FC SCSI Tape Device  
Software
```

Ioslevel on the VIOs is 1.2.1.1-FP-7.2

Thanks in advance for your replies.

Regards
Steve Copper

<<mpio.JPG>> <<ds4800.JPG>>

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