

Re: Multi-Path MPIO and EMC

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- *From:* Keith Stevenson <ktstevenson@xxxxxxxxxxxxxxxx>
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Sean,

I'm not sure that is a supported configuration for VIO based disks. I found the following in the "System p Advanced POWER Virtualization Best Practices" Redbook.

"The MPIO support of virtual SCSI between client partitions and dual Virtual I/O Servers only supports failover mode. For any given virtual SCSI disk, a client partition will use a primary path to one Virtual I/O Server and fail over to the secondary path to use the other Virtual I/O Server. Only one path is used at a given time even though both paths can be enabled."

In general, given a dual VIO server environment, I tend to set things up so that under normal circumstances virtual ethernet traffic runs through one VIO server and the virtual SCSI traffic runs through the other. Both are configured for failover so that either VIO server may be taken down for maintenance without impacting the client LPARs.

Regards,
Keith Stevenson
IBM System Architect

On Feb 13, 2008 10:48 AM, Murphy, Sean <Sean.Murphy@xxxxxxxxxxxx> wrote:

Thanks Steve,

the priority is the same for both paths (i.e. vscsi1 and vscsi0 are set to priority 1)
However I noticed that the algorithm on the vio server is set to round_robin.

I guess this means that the load is balanced to each path 50/50.