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Subject: Re: openvz on SAN?

Posted by [rickb](#) on Wed, 20 Feb 2008 14:54:55 GMT

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Hi, I have deployed openvz using san and gfs.

- apple xserve xraid (fiber channel interface, 2gbit)
- fc switch
- 2 nodes with fc card
- openvz running ves with the same ips
- lvs cluster in front to load balance/rewrite layer 3 traffic across ves

To compile the kernel I had to edit some filesystem hooks and add some arguments to functions so that the gfs patch would add, but it was self explanatory. I don't have the patch on me for this but it took only 5 minutes.

The performance is "OK"- I see many processes stay in disk wait for very long, iowait is much higher then it would be on ext3 (unshared). I don't think gfs is really designed for performance at this stage. The performance is much less then ext3 on the same hardware. I set up this openvz/gfs deployment this to meet a technical need (HA) and luckily didn't need screaming performance. I think using an open source alternative like iscsi (no expensive fc equipment) would be lower performance but I am interested in hearing from people doing this.

Rick