
Subject: VE on GFS2

Posted by [scixpp](#) on Wed, 11 Jun 2008 11:03:27 GMT

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Hi,

we have two nodes with a clustered disk on san, with GFS2. The OS is RedHat 5 and we use the kernel 2.6.18-53.1.19.el5.028stab053.14ent.

When we start a VE, created on this GFS2 filesystem, the init boot process eats 100% of CPU and no more process are started on the VE. If we try to go in with vzctl enter command, give the error:

"Unable to open pty: Invalid argument"

Seems the same problem reported time ago in this thread

http://forum.openvz.org/index.php?t=msg&goto=12876&&srch=gfs2#msg_12876

But, if we try to create the same VE on a ext3 local filesystem, the VE goes perfect, without any problem.

There are some special configuration or drawback to run VE on GFS2 filesystems? any solution?

Thanks

Subject: Re: VE on GFS2

Posted by [jonasb](#) on Fri, 13 Jun 2008 09:35:57 GMT

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I have the same problem. You dont need a SAN to test it.

Just format a partition with GFS2 and create a VE on it.

However, I can mount a GFS2 volume somewhere inside the VE without problems.

Subject: Re: VE on GFS2

Posted by [scixpp](#) on Mon, 16 Jun 2008 12:21:10 GMT

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Hi,

I have found a workaround for this problem until a clean solution come.

If I mount the /dev directory on a ext3 filesystem, all problems gone!. Seems it's something related to the devices access on a GFS2 partition during the VE startup.

You could create a vps.mount in /etc/vz/conf with p.e.

```
#!/bin/bash
```

```
./etc/vz/vz.conf
```

```
.$VE_CONFFILE
```

```
set -x  
mount -n --bind /vzdev/$VEID/dev $VE_ROOT/dev
```

and copy a /dev directory from the original VE on gfs2 to /vzdev/\$VE_ROOT on a ext3 filesystem.

Xavier
