Subject: [answered] VE on GFS/GFS2
Posted by fbassas on Mon, 10 Nov 2008 07:42:12 GMT

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(I posted following question in users forum, but perhaps here is the right place)
Hi,
we was running OpenVZ kernel 2.6.18-53.1.19.el5.028stab053.14 (on a Red Hat 5.2) and using
GFS, and works quite good.

After migrating to 2.6.18-92.1.13.el5.028stab059.3 we noticed gfs module didn't work, and we saw
that other users had the same
problem, and that the solution is to return to previous version.

We have set up a new server with this last OpenVZ version and GFS2, and although gfs2 module
is load without problems, it seems
there are other issue related to gfs2 and devices access, getting the following message when
trying to run a vzctl enter command:
"Unable to open pty: Invalid argument"
Also the problem has been confirmed by other users.

So, is there a prevision to solve this problems?
What is the right way at the moment? Old version with GFS? Will the gfs module work again in
future releases?

Thanks in advance for your help

Frank
UPC - Terrassa - Spain

Subject: Re: VE on GFS/GFS2
Posted by khorenko on Mon, 10 Nov 2008 07:59:11 GMT

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Hi Frank,

surely gfs will be fixed in future releases.
For now please, use older kernel with working gfs module or you can fix gfs in the current kernel
by yourself and recompile the kernel.

The fix is extremely easy:

--- old/fs/gfs/proc.c 2008-10-24 12:52:30.000000000 +0400
+++ new/fs/gfs/proc.c 2008-10-24 12:53:43.000000000 +0400
@@ -474,7 +474,7 @@ gfs_proc_init(void)
  spin_lock_init(&gfs_proc_margs_lock);
  spin_lock_init(&gfs_req_lock);

```
- pde = create_proc_entry("src/fs/gfs", S_IFREG | 0600, NULL);
+ pde = create_proc_entry("fs/gfs", S_IFREG | 0600, NULL);
  if (!pde)
   return -ENOMEM;

@@ -494,6 +494,6 @@ gfs_proc_uninit(void)
 {
  if (gfs_proc_margs)
   kfree(gfs_proc_margs);
- remove_proc_entry("src/fs/gfs", NULL);
+ remove_proc_entry("fs/gfs", NULL);
 }
```

Hope this helps.

--
Konstantin

Subject: Re: VE on GFS/GFS2
Posted by fbassas on Mon, 10 Nov 2008 08:10:05 GMT
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OK regarding to gfs, what but about gfs2? are you aware of device files problems? Can that be solved in OpenVz point of view?

Regards.
Frank

Subject: Re: VE on GFS/GFS2
Posted by khorenko on Mon, 10 Nov 2008 08:32:19 GMT
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Quote:OK regarding to gfs, what but about gfs2? are you aware of device files problems?
Yes, we aware of it, we read forum.
The workaround is here:
 http://forum.openvz.org/index.php?t=msg&goto=31055&& amp;srch=gfs2#msg_31055

Quote:Can that be solved in OpenVz point of view?
We do not recommend to use gfs2 as we found it unstable.
Surely the problem will be fixed some day, but i think it makes sense only after gfs2 become stable.

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Konstantin

Subject: Re: VE on GFS/GFS2
Posted by fbassas on Mon, 10 Nov 2008 08:36:05 GMT

Ok, thanks a lot for your help an quick response.

Frank