
Subject: gfs does not compile with openvz kernel

Posted by [da_matthew](#) on Thu, 03 Aug 2006 10:10:06 GMT

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Hello everyone.

I am currently trying to set up a new small server cluster with two servers running OpenVZ (and several VEs each) and a drbd 8.0pre4/gfs 1.02.00 combination to get the data redundant and available on every machine. (coda/nfs/openafs aren't really an option, iSCSI/gfs does not provide the required redundancy as far as I can tell)

The problem so far is, gfs does compile fine with a vanilla kernel but fails with a OpenVZ kernel (2.6.16-026test015) on a fresh and up-to-date Gentoo x86_64 system with gcc 4.1.1:

```
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c: In function
'user_eo_get':
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c:72: error:
too few arguments to function 'permission'
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c: In function
'user_eo_set':
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c:95: error:
too few arguments to function 'permission'
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c: In function
'user_eo_remove':
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.c:120: error:
too few arguments to function 'permission'
make[4]: ***
[/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/eaops.o] Error 1
make[4]: *** Waiting for unfinished jobs....
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/dio.c: In function
'stuck_releasepage':
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/dio.c:85: warning:
format '%lu' expects type 'long unsigned int', but argument 3 has type 'sector_t'
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/dio.c:96: warning:
format '%lu' expects type 'long unsigned int', but argument 4 has type 'uint64_t'
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/dio.c:122: warning:
format '%lu' expects type 'long unsigned int', but argument 3 has type 'uint64_t'
/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs/dio.c:122: warning:
format '%lu' expects type 'long unsigned int', but argument 4 has type 'uint64_t'
make[3]: ***
[_module_/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs] Error 2
make[3]: Leaving directory `/usr/src/linux-2.6.16-openvz-026.015-r2'
make[2]: *** [all] Error 2
make[2]: Leaving directory
`/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src/gfs'
make[1]: *** [all] Error 2
make[1]: Leaving directory
```

```
`/var/tmp/portage/gfs-kernel-1.02.00-r1/work/cluster-1.02.00/gfs-kernel/src'  
make: *** [all] Error 2
```

Has anyone successfully got gfs (1.02.00) working on a system based on a OpenVZ kernel?

Thanks for any help in advance...
