
Subject: [Solved]Is this a Gentoo or a OpeVZ problem?
Posted by [RobinVossen](#) on Thu, 29 Nov 2007 10:06:17 GMT
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well I run a Gentoo box in Debian
I keep getting a error now when I emerge something:

I want to do:
USE="java" emerge openoffice -av
but i get:
Errno 112 Disk quota exceeded.
When I do df I get that I only use 8% of / en 24% of /usr/portage

I dont really get the problem.
I have MORE then enough space on my drive but he refuses to use it.. :S

Cheers,
Robin

[error]

```
Calculating dependencies
Traceback (most recent call last):
  File "/usr/bin/emerge", line 6518, in ?
    retval = emerge_main()
  File "/usr/bin/emerge", line 6518, in emerge-main
    myopts, myaction, myfiles, spinner)
  File "/usr/bin/emerge", line 5823, in action_build
    mydepgraph = depgraph(settings, trees, myopts, myparams, spinner)
  File "/usr/bin/emerge", line 1155, in __init__
    trees[myroot][["porttree"].dbapi)
  File "/usr/bin/emerge", line 901, in __init__
    vdb_lock = portage_locks.lockdir(vdb_path)
  File "/usr/lib/portage/pym/portage_locks.py", line 20, in lockdir
    return lockfile(mydir,wantnewlockfile=1)
  File "/usr/lib/portage/pym/portage_locks.py", line 54, in lockfile
    myfd = os.open(lockfilename, os.O_CREAT|os._RDWR,0660)
OSError: [Errno 112] Disk quota exceeded: '/var/db/pkg/portage_lockfile'
```

[/error]

I checked google for errno 12 and tryed to open /var/db/pkg/portage_lockfile

I checked my Quota on the disk.
And thats like this:
vzquota stat 1
Usage 2211636

SoftLimit 41943040
HardLimit 46137360

Inodes
Usage 200000
Soft 200000
Hard 220000

that part I just found out..
Umm I guess I can fix that.

What is Inodes?
I am going to google for that now.
But it can be that that its problem is right?

Cheers

if I wasnt posting this I wasnt able to find it
Thank you guys for beeing so awsome in Support.

It really helps me

Cheers
Robin

Subject: Re: [Solved]Is this a Gentoo or a OpeVZ problem?
Posted by [amasidlover](#) on Thu, 17 Jul 2008 21:36:15 GMT
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The inodes on a partition are the entries in the table that link the file with its position on disk, ext2/3 (and I suspect most other FSES) only reserve a certain amount of space on a disk for them - therefore it is worth having a quota for these as well as for disk space. The default is to create one inode for every 4k of disk space (although I think fdisk -i should be able to tell you for sure)

To solve your problem you should be able to do (after checking how many the underlying partition has with fdisk -i):

```
vzctl set 240 --diskinodes 400000:420000 --save
```

Alex

P.S. Thanks for posting this thread, I spent some time looking for what Errno 122 Disk quota exceeded really meant... So it looks like your diagnosis was spot on!

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