Subject: inodes limitations? Disk quota exceeded, but no where near it? Posted by vivithemage on Sat, 19 Sep 2009 18:48:38 GMT

View Forum Message <> Reply to Message

I have a user on an OpenVZ node, and he gets Disk Quota exceeded for anything he tries to do. He is using 15% of his allocated Disk, but I noticed that when I run /proc/vz/vzquota I see that VE 200 has hit the soft limit.

what is the purpose of that limit? Can't I just remove it? If so, how can I remove it all together?

File Attachments

1) limit.jpg, downloaded 659 times

Subject: Re: inodes limitations? Disk quota exceeded, but no where near it? Posted by curx on Sat, 19 Sep 2009 20:00:53 GMT

View Forum Message <> Reply to Message

Hi,

see man page: "Disk quota parameters" and "Resource limits"

vzctl set <CTID> --diskinodes <soft:hard> --save

in your case, as an example

vzctl set 200 --diskinodes 400000:440000 --save

Btw, for disableing vzquota, inodes you can set soft and hard to "unlimited"

Bye,

Thorsten

Subject: Re: inodes limitations? Disk quota exceeded, but no where near it? Posted by vivithemage on Sat, 19 Sep 2009 20:16:48 GMT

View Forum Message <> Reply to Message

amazing, thank you very much. Is there a way to remove the limit for inodes like that, but keep disk space limits?

Subject: Re: inodes limitations? Disk quota exceeded, but no where near it?

View Forum Message <> Reply to Message

I am running zoneminder and Your fix fixed me up for about a week or so but now its at 400001

```
Quote:
root@HN:~# cat /proc/vz/vzquota
qid: path
               usage
                         softlimit
                                    hardlimit
                                                 time
                                                        expire
22: /vz/private/22
 1k-blocks
              11385104
                            83886080
                                           99614720
                                                           0
                                                                  0
                                        440000 1387327230
                                                                   0
  inodes
              400001
                           400000
root@HN:~# vzctl set 22 --diskinodes unlimited:unlimited --save
Bad parameter for --diskinodes: unlimited:unlimited
root@HN:~# vzctl set 22 --diskinodes 0:0 --save
vzguota: (warning) inode hard limit [0] < inode current usage [399994]
CT configuration saved to /etc/vz/conf/22.conf
root@hevbob:~# vzctl set 22 --diskinodes 0:0 --save
vzquota: (warning) inode_hard_limit [0] < inode_current_usage [399994]
CT configuration saved to /etc/vz/conf/22.conf
root@HN:~# cat /proc/vz/vzquota
gid: path
                         softlimit
               usage
                                    hardlimit
                                                        expire
                                                 time
22: /vz/private/22
 1k-blocks
              11385104
                            83886080
                                           99614720
                                                           0
                                                                  0
  inodes
                                        0 1387380799
                                                             0
              400001
                               0
uname -r
2.6.32-042stab081.3
```

So I raised it to 80000 I hasve a feeliong what ever is happening will fill that too? vzctl set 22 --diskinodes 80000:80000 --save

I am happy to give you any info you need to help me determin what I am missing.

curx wrote on Sat, 19 September 2009 16:00Hi,

see man page: "Disk quota parameters" and "Resource limits"

vzctl set <CTID> --diskinodes <soft:hard> --save

in your case, as an example

vzctl set 200 --diskinodes 400000:440000 --save

Btw, for disableing vzquota, inodes you can set soft and hard to "unlimited"

Bye,

Thorsten

Subject: Re: inodes limitations? Disk quota exceeded, but no where near it? Posted by spoke2u on Mon, 10 Feb 2014 18:42:58 GMT

View Forum Message <> Reply to Message

Maybe I have the synax wrong but Unlimited DOES NOT work! I am upping the diskinodes every time it crashes when it hits the limit every month or so. I am running zoneminder and it seems to hit that when I get alot of action on this server VM container. I need something that is a permanate fix. There has to be anouther solution? Its almost as if it just fills up slowly and never gets to become less.

root@HN:~# vzctl set 200 --diskinodes unlimited --save Bad parameter for --diskinodes: unlimited root@HN:~# vzctl set 200 --diskinodes unlimited:unlimited --save Bad parameter for --diskinodes: unlimited:unlimited

If someone knows how to set this to unlimited let me know.

curx wrote on Sat, 19 September 2009 16:00Hi,

see man page: "Disk quota parameters" and "Resource limits"

vzctl set <CTID> --diskinodes <soft:hard> --save

in your case, as an example

vzctl set 200 --diskinodes 400000:440000 --save

Btw, for disableing vzquota, inodes you can set soft and hard to "unlimited"

Bye, Thorsten

Subject: Re: inodes limitations? Disk quota exceeded, but no where near it? Posted by dipps on Thu, 13 Feb 2014 02:21:50 GMT

View Forum Message <> Reply to Message

A really permanent fix would be to stop whatever is using all the inodes. Even if you get vz quota

to stop complaining, eventually this will use all the inodes in the filesystem.

Look for something that is creating a lot of files and leaving them behind: session files, temporary files, etc. Either stop it doing this, or clean up by deleting old files.

Or for a cheap fix, set inode quota to a very large number.