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Subject: XFS project quota (prjquota)

Posted by [scorp](#) on Fri, 12 Jun 2009 16:04:31 GMT

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Hi,

someone have managed to use xfs\_quota for openvz containers? It is possible?

[http://linux.die.net/man/8/xfs\\_quota](http://linux.die.net/man/8/xfs_quota)

I tried to limit the container private folder, but I am getting alot of:

xfs\_quota: skipping special file /home/vz/private/101/bin/bzegrep

xfs\_quota: skipping special file /home/vz/private/101/bin/pidof

xfs\_quota: skipping special file /home/vz/private/101/bin/tcsh

xfs\_quota: skipping special file /home/vz/private/101/bin/mt

xfs\_quota: skipping special file /home/vz/private/101/bin/csh

xfs\_quota: skipping special file /home/vz/private/101/lib64

[...]

And I am thinking that quota won't work.

Thanks.

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Subject: Re: XFS project quota (prjquota)

Posted by [a1bert](#) on Fri, 04 Sep 2009 09:57:53 GMT

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I do have working project quota on debian etch with 2.6.18-14-fza-686.

you should disable openvzquota (DISK\_QUOTA=no)

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Subject: Re: XFS project quota (prjquota)

Posted by [curx](#) on Fri, 04 Sep 2009 16:16:24 GMT

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Hi,

can you describe how setup your xfs project quota, using OpenVZ containers ...

Bye,  
Thorsten

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Subject: Re: XFS project quota (prjquota)  
Posted by [a1bert](#) on Fri, 04 Sep 2009 17:15:44 GMT  
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I am restricting home directories for webhosting guest. It's quiet long since I have set it up so it's possible that following is not complete but try it and post your results...

ALL project quota stuff is managed from VE0, webhosting guest's private and root dir is on /data/v2/

disable vz quota in /etc/vz/vz.conf:

DISK\_QUOTA=no

mount xfs with pquota:

/dev/yourdevice on /data/v2 type xfs (rw,noatime,nodiratime,logbufs=8,pquota)

/etc/projects:

2000:/data/v2/private/2002//home/www.server1.com  
2001:/data/v2/private/2002//home/www.server2.com  
2005:/data/v2/private/2002//home/www.server3.com  
2006:/data/v2/private/2002//home/www.server4.com  
2010:/data/v2/private/2002//home/www.server5.com

/etc/projid:

www.server1.com:2000  
www.server2.com:2001  
www.server3.com:2005  
www.server4.com:2006  
www.server5.com:2010

enabling quota for specific directory:

/usr/sbin/xfs\_quota -x -c 'project -s 2010'  
/usr/sbin/xfs\_quota -x -c 'limit -p bsoft=500M bhard=520M 2010'

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Subject: Re: XFS project quota (prjquota)

Posted by [curx](#) on Fri, 04 Sep 2009 17:30:12 GMT

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Hi,

are you setup the prjquota via the general action scripts, via global vps.mount and vps.umount ?

Bye,

Thorsten

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Subject: Re: XFS project quota (prjquota)

Posted by [a1bert](#) on Fri, 04 Sep 2009 19:16:18 GMT

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no, my xfs volumes are mounted at boot via fstab in VE0, but I cannot see any difference when using vps.mount, just be sure to use pquota mount option, not prjquota (as I can remember, there were some inaccuracies in documentation and I am not sure that prjquota mount option worked for me)

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