Subject: Disk quota on gentoo template
Posted by steffen.zieger on Wed, 01 Mar 2006 22:14:37 GMT
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Hello,

I've got a problem with my gentoo-vps.

I'm using the same configuration file for a gentoo and a debian vps.
I've a limit on disk space set to about 5GB. On debian-vps this limit works and I can use all of the 5Gb.
On Gentoo-vps I can only use about 1,2Gb.

Does anybody got an idea, where the problem is?

TIA,
Steffen

Subject: Re: Disk quota on gentoo template
Posted by kir on Wed, 01 Mar 2006 22:32:30 GMT
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Can you post some numbers to illustrate your findings? I.e. cat /proc/vz/vzquota, df, du -sh / in VPS etc. etc.

Subject: Re: Disk quota on gentoo template
Posted by steffen.zieger on Thu, 02 Mar 2006 07:56:44 GMT
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Hello,

sure. Here we go.

df in gentoo-vps:

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
simfs	5000000	965040	4034960	20%	/

du -sh /:
pegasus / # du -sh /
929M /

Ok, I've found the problem.

cat /proc/vz/quota:
qid: path usage softlimit hardlimit time expire
100: /vz/private/100
1k-blocks 1124974 5000000 5120000 0 0
inodes 200001 200000 220000 1141285151 0
111: /vz/private/111
1k-blocks 1662919 5000000 5100000 0 0
inodes 85754 200000 220000 0 0

Both are running into the same problem. On debian-vps (111) there are only more inodes unused than on gentoo-vps (100).

But one problem is left:
There is a softlimit and a hardlimit. Hardlimit is 20000 inodes bigger than softlimit, but if I'm reaching the softlimit, a message is printed, that disk quota is exceeded. Why?

What is a sane number for inodes if I want to have 5Gb?

TIA,
Steffen

Subject: Re: Disk quota on gentoo template
Posted by carlos on Tue, 02 May 2006 13:38:55 GMT
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I have too problem with my gentoo-vps
I cant install apache. I use emerge apache and I see "disk quota exceeded"

my df /
Filesystem 1K-blocks Used Available Use% Mounted on
- 5000000 1174760 3825240 24% /

du -sh /
1.2

Subject: Re: Disk quota on gentoo template
Posted by kir on Tue, 02 May 2006 13:48:40 GMT
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It looks like you have exceeded your inodes limits. Use df -i to check, vzctl set VEID --diskinodes to increase.

Subject: Re: Disk quota on gentoo template
Posted by carlos on Tue, 02 May 2006 14:05:32 GMT
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df -i /
Filesystem Inodes IUsed IFree IUse% Mounted on
- 200000 200000 0 100% /

vzctl and VEID command not found

How I can change df -i / to more?

Subject: Re: Disk quota on gentoo template
Posted by kir on Tue, 02 May 2006 14:10:37 GMT
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As I just said:
vzctl set VEID --diskinodes 400000:450000 --save

Subject: Re: Disk quota on gentoo template
Posted by carlos on Tue, 02 May 2006 14:13:00 GMT
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If I use this I see: command not found

Subject: Re: Disk quota on gentoo template
Posted by kir on Tue, 02 May 2006 14:18:02 GMT
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You can not increase the per-VE limit from inside a VE for obvious reasons. You should use vzctl set from the host system. If you just have a VE and do not have access to the host system, plz ask you sysadmin to raise the diskinodes limit for your VE