
Subject: Re: Problem create VE when quota=yes
Posted by [yettyn](#) on Mon, 07 Jan 2008 14:46:44 GMT
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I had a look at filesystem with df

merc conf # df -iT

Filesystem	Type	Inodes	IUsed	IFree	IUse%	Mounted on
/dev/root	reiserfs	0	0	0	-	/
udev	tmpfs	223476	2764	220712	2%	/dev
none	tmpfs	223476	1	223475	1%	/dev/shm
none	tmpfs	223476	84	223392	1%	/lib/rc/init.d
/dev/sda6	ext3	8880128	30520	8849608	1%	/vz
/dev/sda5	reiserfs	0	0	0	-	/tmp

merc conf # df -kT

Filesystem	Type	1K-blocks	Used	Available	Use%	Mounted on
/dev/root	reiserfs	78772312	11702364	67069948	15%	/
udev	tmpfs	10240	116	10124	2%	/dev
none	tmpfs	1031592	0	1031592	0%	/dev/shm
none	tmpfs	1024	88	936	9%	/lib/rc/init.d
/dev/sda6	ext3	69804244	683740	65574560	2%	/vz
/dev/sda5	reiserfs	4048192	32840	4015352	1%	/tmp

and found the values returned by vzsplit was pretty far off, possibly due to my mix of reiserfs and ext3 (which probably explains the "0:0" value on test box which is all reiserfs)

so by pushing them up quite a bit, basically by (in my case) using approx $n = \text{Available} / 20$ for blocks and inodes for hardlimit and a tad lower or so for softlimit.

DISKSPACE="2000000:3000000"

DISKINODES="400000:420000"

VE's creates just fine now. I know reiserfs isn't recommended for openvz and I don't use it for my VE's - but I think the reason to not recommended it is a bit outdated. The problem is its way to deal with inodes rather than it should be unmatute and unstable. Reiserfs 3.6 has been around for quite some time now and I have used it for many years w/o any problems;-)
