Subject: OpenVZ maximum partition size
Posted by fgomes on Thu, 06 Sep 2007 21:35:26 GMT
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I'm trying to install OpenVZ on CentOS 5 (x86_64), using a RAID array with 3.5TB. I have defined swap and HN partitions, and still have about 3.4TB of storage to use for the VEs.
When I try to create the third partition with fdisk, I am unable to create it with more than 2TB, and also unable to create an additional partition with the remaining storage (about 1.4TB).
Isn't the openvz kernel for centos 5 compiled with CONFIG_LBD enabled?
I also tried with gparted live cd, I saw all the free space, but it also was unable to create the partition with more than 2TB - it says it can create a partition with -1 bytes - probably an internal overflow?
Any tip on how to solve this problem?

Thanks!

Fernando

Log from fdisk:

Command (m for help): p

Disk /dev/sda: 3499.9 GB, 3499925438464 bytes
255 heads, 63 sectors/track, 425508 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	1	1275	10241406	83	Linux
/dev/sda2		1276	2550	10241437+	82	Linux swap / Solaris

Command (m for help): n
Command action
e extended
p primary partition (1-4)
p
Partition number (1-4): 3
First cylinder (2551-425508, default 2551):
Using default value 2551
Last cylinder or +size or +sizeM or +sizeK (2551-267349, default 267349):