Subject: vps on lvm
Posted by ferp2 on Mon, 01 May 2006 20:21:10 GMT
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Hi,

I'm setting up a machine to test openvz, and would like to know how one might optimize raid and lvm in this scenario. The test machine runs two 9GB scsi disks.

My raid/lvm scenario so far is:

sdc
* sdc1 70MB
* sdc2 500MB
* sdc3 1GB
* sdc4 7.5GB

sdb
* sdb1 70MB
* sdb2 500MB
* sdb3 1GB
* sdb4 7.5GB

swap
* sdc2 and sdb2 ==> swap

raid 1
* sdc1 + sdb1 ==> raid0 /boot
* sdc3 + sdb3 ==> raid1 /
* sdc4 + sdb4 ==> raid2 lvm

The OpenVZ User's Guide recommends partitioning root and swap, and leaving the rest of the hard disk available as one partition, mounted on /vz. This one partition would be used by any number of virtual servers, depending on the size of the partition, of course.

My question is, would it be better to create, let's say, 1GB partitions on the lvm mounted to /vz1, /vz2, /vz3, etc, for each virtual server and then expand them accordingly?

Thanks

Subject: Re: vps on lvm
Posted by Vasily Tarasov on Tue, 02 May 2006 08:13:05 GMT
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Actually, I don't think it's a good idea.

I suppose, it's better to create one partion on LVM for all VPSs
monted to /vz and then expand it if nessecary...

Subject: Re: vps on lvm
Posted by ferp2 on Tue, 02 May 2006 11:51:38 GMT
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Thanks, I'll follow your recommendation and create 1 logical volume mounted on /vz.