Subject: *SOLVED* multiple drives on one ve?
Posted by KyleC on Mon, 15 Oct 2007 04:04:05 GMT
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Hello everyone.
I was wondering if there is any way to mount lets say /hd1 to my VE along with more drives? I am very curious how to do this so i dont have to have huge partitions for my system when i can split them. I am running centos 5 32 bit but plan on going to 64bit and my ve is running a wonderful centos4.4

thanks everyone.

Subject: Re: multiple drives on one ve?
Posted by ugob on Mon, 15 Oct 2007 09:10:24 GMT
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You should use LVM on the Hardware Node. This way you can add a physical drive to a logical volume easily, to increase capacity. And if you are running a server, I strongly recommend using a RAID1 array for redundancy. HDDs do fail.

Ugo

Subject: Re: multiple drives on one ve?
Posted by KyleC on Tue, 16 Oct 2007 01:47:21 GMT
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yes of course... ill be running a raid 10 split into partitions. So use a LVM and how do i configure it on the VE?

i want to have like

Filesystem	Size	Used	Avail	Use%	Mounted on
simfs	639G	470G	136G	78%	/
simfs	700G	670G	30G	90%	/hd2

on my HN of couse.. hell i wouldnt mind if it was /hd2 on the ve but on the actual server it was /home2/hd2

let me know.

Subject: Re: multiple drives on one ve?
Posted by ugob on Tue, 16 Oct 2007 02:51:15 GMT
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KyleC wrote on Mon, 15 October 2007 21:47 So use a LVM and how do i configure it on the VE?

i want to have like

```
Filesystem            Size  Used Avail Use% Mounted on
simfs                 639G  470G  136G  78% /
simfs                 700G  670G  30G  90% /hd2
```

on my HN of couse.. hell i wouldnt mind if it was /hd2 on the ve but on the actual server it was /home2/hd2

let me know.

Using LVM, you'd add the 2nd hard drive to the VG, and then increase the size of the LV, then increase the size of your / partition. However, I suggest the use of a separate partition for /vz. It may be delicate to increase the size of /.

Subject: Re: multiple drives on one ve?
Posted by dowdle on Wed, 17 Oct 2007 22:18:14 GMT
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If you just want to mount additional things inside of your VE, as long as they are already accessible from the hardware node, you can just use:
mount --bind {hn mountoint} /vz/root/{VEID}/desired/mount/point

You can do this within multiple VPSes too. --bind mounting works in non-OpenVZ enviroment too.

Please note that the /vz/root/{VEID} is empty when your VPS isn't running so you have to do your bind mount at some point after the VPS has started up and the /vz/root{VEID} area is alive.

Subject: Re: multiple drives on one ve?
Posted by KyleC on Wed, 07 Nov 2007 05:39:30 GMT
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sorry for the late response, thanks for the responses!
