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Subject: \*SOLVED\* vps's directory on different hard disk

Posted by [onyx](#) on Fri, 22 Jun 2007 07:46:52 GMT

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Hi!

Is it possible, to have a VPS's directory on a different device, than /vz? For example I have two 140G hard drives, in raid1, and on top of that I have LVM, for the ability to have snapshots, and this is mounted as /vz. I'd like to have /vz/private/101/var to be on another device. Can I do that?

Thanks in advance!

Balint

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Subject: Re: vps's directory on different hard disk

Posted by [Vasily Tarasov](#) on Fri, 22 Jun 2007 08:51:05 GMT

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You can create a bind mount to /vz/root/101/var after VE start. This procedure can be automatized by <veid>.mount file.

HTH,  
Vasily.

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Subject: Re: vps's directory on different hard disk

Posted by [onyx](#) on Fri, 22 Jun 2007 11:45:44 GMT

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But then the size of the VPS can't be bigger than the size of the hard drive, containing /vz. I know about raid10, or multiple physical devices with LVM, but I'd like to avoid these.

Thanks anyway.

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Subject: Re: vps's directory on different hard disk

Posted by [Vasily Tarasov](#) on Fri, 22 Jun 2007 12:01:46 GMT

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Sorry, don't get you.

Assume, you have /vz on /dev/hda1. It means, that VEs private files are located in /vz/private/<veid>. Then you have one more hard disk: hdb. After `vzctl mount` command you can give the following command:

mount /dev/hdb1 /vz/root/<veid>/var After `vzctl start` your VE will be able to write in /var as much information, as big is hdb1 (but not /vz)

HTH,  
Vasily.

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Subject: Re: vps's directory on different hard disk  
Posted by [onlyx](#) on Fri, 22 Jun 2007 12:20:08 GMT  
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Vasily Tarasov wrote on Fri, 22 June 2007 08:01 Sorry, don't get you.

Assume, you have /vz on /dev/hda1. It means, that VEs private files are located in /vz/private/<veid>. Then you have one more hard disk: hdb. After `vzctl mount` command you can give the following command:  
mount /dev/hdb1 /vz/root/<veid>/var After `vzctl start` your VE will be able to write in /var as much information, as big is hdb1 (but not /vz)

HTH,  
Vasily.

But if I stop the VPS, every data will be - as in your example - on /dev/hda1, including /vz/private/<veid>/var. Or this is not as I think, and /vz/private/<veid>/var will be empty this time, because all the data it contains is on /dev/hdb1?

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Subject: Re: vps's directory on different hard disk  
Posted by [Vasily Tarasov](#) on Fri, 22 Jun 2007 12:50:55 GMT  
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Right, if initially /vz/private/<veid>/var was empty, after stop of VE all data placed by VE in /var will be on hdb1 (because hdb1 was mounted on /vz/root/veid/var), and /vz/private/<veid>/var - will be empty.

Just try it

Vasily.

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Subject: Re: vps's directory on different hard disk  
Posted by [onlyx](#) on Fri, 22 Jun 2007 17:01:00 GMT  
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Strange, I replied to this post, but now I can't see it. So again:

Thank you for your help, I'll try it

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