
Subject: Setting up VZ Partitions?

Posted by [tiggerific](#) on Fri, 08 Sep 2006 07:31:19 GMT

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On most of the servers I get, the default partitioning seems to have very little space allocated to "/", and the bulk of space allocated to /home.

However, the OpenVZ install and VE setups all install off /vz which ultimately uses up the entire partition there.

So, 2 questions:

1. What is the optimal way to set up partitions on a brand new server that's going to run OpenVZ?
2. Can someone explain how to resize the existing "/" partition or how to create a separate one for "/vz".

Thanks

Subject: Re: Setting up VZ Partitions?

Posted by [Vasily Tarasov](#) on Fri, 08 Sep 2006 07:43:53 GMT

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Some information, that might be useful in your situation:

In /etc/vz/vz.conf file options

```
LOCKDIR=/vz/lock
DUMPDIR=/vz/dump
TEMPLATE=/vz/template
VE_ROOT=/vz/root/$VEID
VE_PRIVATE=/vz/private/$VEID
```

can be switched to something like:

```
LOCKDIR=/home/vz/lock
DUMPDIR=/home/vz/dump
TEMPLATE=/home/vz/template
VE_ROOT=/home/vz/root/$VEID
VE_PRIVATE=/home/vz/private/$VEID
```

Quote:What is the optimal way to set up partitions on a brand new server that's going to run OpenVZ?

I suppose, the best way is to have one separate partion for OpenVZ mounted on /vz.

Quote:Can someone explain how to resize the existing "/" partition or how to create a separate

one for "/vz".

It's hardly possible to resize ext2, ext3 partitions. For such purposes LVM was developed.

HTH,

vass

Subject: Re: Setting up VZ Partitions?

Posted by [mkl0815](#) on Fri, 08 Sep 2006 08:10:36 GMT

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there are different ways to get more space for your vz installation.

1.) you can create a directory anywhere in your system on a partition with enough space and make a symbolic link to the /vz directory

```
mkdir -p /home/openvz
```

```
ln -s /home/openvz /vz
```

2.) you can create an own partition for your vz directory (for instance as lvm volume) and mount it on /vz

mario.

===EDIT===

... hmm, seems that i'm too slow *g*
