Subject: Additional partition in container?
Posted by SyRenity on Wed, 24 Jun 2009 20:09:21 GMT
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Hi.

Is it possible to add additional partition in the container?

Or just re-partition the existing one?

I'm asking this because I need to test an application working with 2 partitions, and looking to do it on OpenVZ container/

Thanks in advance!

Subject: Re: Additional partition in container?
Posted by SyRenity on Thu, 25 Jun 2009 13:45:33 GMT
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Hi.

Any idea of the above?

Regards.

Subject: Re: Additional partition in container?
Posted by maratrus on Mon, 29 Jun 2009 06:58:30 GMT
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Look at "--devnodes" parameter of "vzctl" utility.

Subject: Re: Additional partition in container?
Posted by SyRenity on Mon, 29 Jun 2009 12:23:59 GMT
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Hi.

Thanks for the advice.

If I understand this command correctly, it allows me to create device files which I can then access with the container, partition them and then mount.

Is this correct?

If yes, what would be the shortest way from creating the device to mounting it (a set of some commands would be nice)?

Thanks in advance!

Subject: Re: Additional partition in container?
Posted by maratrus on Mon, 29 Jun 2009 12:35:41 GMT
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Something like this:

```
# mkfs.ext3 /dev/sda1
# vzctl set 101 --devnodes sda --save
# vzctl set 101 --devnodes sda1 --save
# vzctl enter 101
# mount -t ext3 /dev/sda1 /mnt
```

Subject: Re: Additional partition in container?
Posted by SyRenity on Mon, 29 Jun 2009 13:01:12 GMT
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Hi.

It seems as I need to use a physical partition of host node?

My question was if it possible to partition the virtual space provided to me by the container, without involving the host node.

Thanks.

Subject: Re: Additional partition in container?
Posted by maratrus on Mon, 29 Jun 2009 15:10:50 GMT
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I don't quite understand what you want.
How would it possible "to partition virtual space"?
If it suits you, you may create loop device inside VE and mount it.

```
# vzctl set 101 --devnodes loop0:rw --save
# vzctl set 101 --devnodes loop1:rw --save
# vzctl set 101 --devnodes loop2:rw --save
# vzctl set 101 --devnodes loop3:rw --save
# vzctl enter 101
# dd if=/dev/zero of=/root/filesystem count=100000
```

```
# mkfs.ext3 /root/filesystem
# mount -t ext3 /root/filesystem /mnt/
```