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Subject: --private vs --root

Posted by [jampa](#) on Thu, 16 Feb 2012 16:23:48 GMT

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If we want to make available a partition from host node (HN) to a container which option, private or root, to use and how?

I have a /root1 and /root2 partitions available in HN that I want to use for containers 101 and 102. I tried using as:

```
vzctl create 101 --root /root1 ...
```

it didn't work (ie the install proceeded on the usual /vz/private/101), then I tried to use it as:

```
vzctl create 101 --private /root1 ...
```

That seemed to have created the container's file system on HN's /root1, but for some reason either during a poweroff or reboot I lost the file system from /root1.

It is not clear as to how these options can be used and how are they related to each other, specially in regard to making a HN partition available for a container's root file system use.

Thanks

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Subject: Re: --private vs --root

Posted by [jampa](#) on Thu, 16 Feb 2012 20:35:01 GMT

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I have retried --root /root1 and --private /root1 and this is what I observed.

1. If I pass --root /root1, then what is happening is that container, as usual, is getting setup under /vz/private/101 and /root1 is not used during the creation. However, if the container 101 is started, VZ seems to mount the /vz/private/101 onto /root1 so that the /root1 is now available to the host node.

You stop the container access to it goes away, but interestingly file system 'space' seem to persist on /root1 in 'invisible' form. You can claim back the space only when you restart the computer.

So, --root option is to make the container file system visible to host node.

2. If I pass --private /root1, I get:

Private area already exists in /root1

Creation of container private area failed

So, I am clearly missing something very basic. In the first place, is what I am trying makes sense? Is it a good idea to set aside a partition for container's root file system? If it is, how can I have a the container setup on a partition available on the host node?

Thanks!

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