Subject: install into existing directory?
Posted by williamt on Mon, 15 Aug 2011 19:39:56 GMT
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Is there a way to make vzctl install into a directory that already exists?
For example if I setup my containers using lvm. I first have to create a device and mount it under /vz/private.

So if I'm create container id 1 I will already have a directory called
/vz/private/1 and vzctl refuses to install to it.

As a work around before I mount /vz/private/1, I have to install to a regular directory ,move it to a temp directory, mount /vz/private/1 and finally move files into
it, which is kind of a pain.

Any help would be appreciated.

Subject: Re: install into existing directory?
Posted by openmin on Thu, 25 Aug 2011 02:31:03 GMT
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Your question is hard to understand.

What are the actual vzctl parameters you tried to run?

Subject: Re: install into existing directory?
Posted by azagzin on Thu, 25 Aug 2011 07:14:36 GMT
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williamt wrote on Mon, 15 August 2011 15:39Is there a way to make vzctl install into a directory that already exists?
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it, which is kind of a pain.

Any help would be appreciated.

you want to say, install each VE on separate LV ?

Subject: Re: install into existing directory?
Posted by openmin on Thu, 25 Aug 2011 09:14:03 GMT
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Understand now, but don't know any way.

Not really a solution to your problem, but what about putting the whole vz folder into one LV (this is also what OpenVZ distributions like proxmox do)?

Subject: create ct on top of local lvm lv
Posted by curx on Thu, 25 Aug 2011 13:58:11 GMT
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Hi,

you can script a vzctl-install-lv.sh to create a lvm lv with any settings you need, mount lv and a then use vzctl create cmd - with the use of

vzctl create <ctid> --private <mount_path_of_your_lvmlv> --root <mount_path_of_your_lvmlv> ...

See more on vzctl man page, section "Performing container actions, create"

Bye,
Thorsten

Subject: Re: create ct on top of local lvm lv
Posted by TheStig on Fri, 26 Aug 2011 12:28:20 GMT
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actually that works without any problems here (using debian5 with 2.6.26-2-openvz-amd64 kernel). just recently moved an old server to an openvz-container for which i mounted a newly created lvm to /vz/private/#ID ...

Subject: Re: create ct on top of local lvm lv
Posted by williamt on Fri, 26 Aug 2011 16:04:31 GMT
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TheStig wrote on Fri, 26 August 2011 05:28actually that works without any problems here (using debian5 with 2.6.26-2-openvz-amd64 kernel). just recently moved an old server to an

openvz-container for which i mounted a newly created lvm to /vz/private/#ID ...

Your saying if you create and mount your new lvm partition under say /vz/private/10
You can then do a vzctl create 10 --ostemplate yourtemplate
and it works fine??

This is what I get:

lvcreate -L8G -n 6 rootvg
mkfs.ext4 /dev/rootvg/6
mkdir /vz/private/6
mount /dev/rootvg/6 /vz/private/6
vzctl create 6 --ostemplate scientific-6-x86_64
Private area already exists in /vz/private/6
Creation of container private area failed

OR

vzctl create 6 --ostemplate scientific-6-x86_64 --private /vz/private/6 --root /vz/private/6
Private area already exists in /vz/private/6
Creation of container private area failed

Using:
uname -a
Linux custvm0.sonic.net 2.6.32-042stab029.1 #1 SMP Sun Aug 7 19:35:21 MSD 2011 x86_64 x86_64 x86_64 GNU/Linux
cat /etc/redhat-release
Scientific Linux release 6.0 (Carbon)
rpm -qa |grep vzctl
vzctl-lib-3.0.28.3-1.x86_64
vzctl-3.0.28.3-1.x86_64

Subject: Re: create ct on top of local lvm lv
Posted by azagzin on Sat, 27 Aug 2011 19:19:32 GMT
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you forgot one think, /vz/private/6 it's a hard link to /vz/root/6
