
Subject: install into existing directory?

Posted by [williamt](#) on Mon, 15 Aug 2011 19:39:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

williamt wrote on Mon, 15 August 2011 15:39Is 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.

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
[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

TheStig wrote on Fri, 26 August 2011 05:28 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 ...

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
[View Forum Message](#) <> [Reply to Message](#)

you forgot one think, /vz/private/6 it's a hard link to /vz/root/6
