
Subject: Re: VE fails to startx

Posted by [satimis](#) on Mon, 25 Aug 2008 07:02:22 GMT

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piavlo wrote on Mon, 25 August 2008 06:34 Probably X server (like getty) requires direct access to HN console/tty and probably you just can't have it in VE.

To verify this would you mind performing the following test?:

Let's check if you can get virtual console with getty in VE

get displayed on HN monitor(just like like HN getty's which can be accessed with Ctrl+Alt+F*)

1)First of all,if you have any, stop X server on HN, so that /dev/tty7 is not occupied by it.

2)In VE create for upstart /etc/event.d/tty7 (similar to /etc/event.d/tty{1,2,3,4,5,6} in HN) and make sure it actually uses tty7

3) Give VE access to /dev/tty{0,7}

```
vzctl set 101 --devnodes tty0:rw
```

```
vzctl set 101 --devnodes tty7:rw
```

(don't know if /dev/tty0 is needed)

4)start your VE

5)Check in front of HN monitor if Ctrl+Alt+F7 gives you the virtual console of your VE.

Hi piavlo,

Ubuntu is running as Host here. The problem on Ubunut is without init 2/3/etc, only graphic and non-graphic modes. I can't do anything on grub menu. I tried it previously. On grub menu I have to select graphic/non graphic modes. On non-graphic mode it drops to root shell as rescue mode. I tried the OpenVZ kernel rescue mode. On root shell vzctl is not started. Nothing I can do.

I tried booting up Ubuntu. Pressed [Ctrl]+F3 switching to non graphic mode. However X is running. Ignoring it performed follows;

```
[Host]# vzctl stop 101
```

```
[Host]# initctl list
```

showing tty7 is not running

```
[Host]# vzctl create 101 --devnodes /etc/event.d/tty7
```

```
101: unrecognized option '--devnode'
```

```
[Host]# vzctl create 101 --device /etc/event.d/tty7
```

```
101: unrecognized option '--device'
```

Unable to proceed further.

Quote:

Anyway the proper way to go is to use vnc server or XDMCP (which do not require console access) like explained in. http://wiki.openvz.org/X_inside_VE. Anyway you need real X server in VE only if you use the HN as your desktop station and want to run X server inside VE and not HN (hard to believe you actually want this).

I tried it before unable to to start/forward X. Then I tried entering VE to start X there to see whether it will work.

B.R.

satimis
