
Subject: Re: Ubuntu Template /dev Problems
Posted by [dev](#) on Fri, 06 Jan 2006 18:34:10 GMT
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Yes, the output of `mount` inside VPS shows that you have /dev mounted on tmpfs. This is why you loose your entries on VPS stop (tmpfs is similar to RAM disk).

You need to tune initscripts in your Gentoo template or directly in VPS you created.
you can run:
grep -r tmpfs /etc
to find out where /dev is mounted.

If you wish I can help you directly if you send me host system credentials in private(!) email.

Kirill

>>From within the VPS:

```
>  
> # mount  
> simfs on / type simfs (rw)  
> proc on /proc type proc (rw,nodiratime)  
> simfs on /.dev type simfs (rw)  
> tmpfs on /dev type tmpfs (rw)
```

>>From the Host:

```
>  
> # mount  
> /dev/sda2 on / type ext3 (rw)  
> none on /proc type proc (rw)  
> none on /sys type sysfs (rw)  
> none on /dev/pts type devpts (rw,gid=5,mode=620)  
> /dev/sda1 on /boot type ext3 (rw)  
> none on /dev/shm type tmpfs (rw)  
> /dev/sda5 on /vz type ext3 (rw)  
> sunrpc on /var/lib/nfs/rpc_pipefs type rpc_pipefs (rw)
```

> I'm confuses where I would make the changes you recommended and how. Thanks

> On Fri, 06 Jan 2006 21:17:52 +0300, Kirill Korotaev wrote

```
>  
>>this is probably due to your initscripts use /dev mounted over tmpfs.  
>>You can check this in `mount` output.  
>>I would recommend you to disable mounting it on tmpfs since it's a  
>>real wastage of memory (~0.5-1MB of RAM per VPS). And this will  
>>solve your problem also - device entries in /dev won't disappear
```

>>after reboot.
>>
>>Kirill Kolyshkin will be able to recommend you more concrete actions
>>tomorrow if you don't succeed.
>>
>>Kirill
>>
>>
>>>I am creating an Ubuntu 5.04 template for OpenVZ and have run into a problem.
>>>There are no /dev/pty, /dev/random, and /dev/urandom devices in /dev. I have
>>>created these devices by the following:
>>>
>>>cd /vz/root/111/dev; /vz/root/111/sbin/MAKEDEV pty
>>>
>>>This creates the devices just fine. When I reboot Ubuntu the devices are not
>>>there and need to be created all over again. When I created templates for
>>>other linux distros I have had to create /dev/pty but they are there on
>
> reboot.
>
>>>drwxr-xr-x 4 root root 4096 Jan 1 14:18 dev
>>>
>>>How do I solve this problem on Ubuntu? Thanks
>>>
>>>*Also posted to ubuntu.com support forum
>>>
