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Subject: udevd hangs in VPS

Posted by [tpso](#) on Thu, 26 Jul 2007 16:22:39 GMT

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Hi every body

I have run into a problem testing centos 5 on a FC5 host.

Steve has done a good job creating a Centos-5-template, and it works fine, but the mix of centos 5 and FC5 seems to cause a strange problem with udevd, that I really would like to understand.

As described in the centos-5-template thread, I have found a fix:

If I change the /etc/rc.d/rc.sysinit line

```
/sbin/start_udev
```

```
to
```

```
[ -f /sys/class/tty/console/uevent ] && /sbin/start_udev
```

in the centos 5 VPS and restart it, it seems to work.

If I run /sbin/start\_udev manually it complains about "kernel too old for this udev". This seems strange since i'm running the newest el5 kernel (2.6.18-8.1.4.el5.028stab035.1).

As far as I know FC5 and FC6 uses the same udev setup, but I really thought that the VPS depend only on the kernel (and its private filesystem).

Any one knows of other host packages / set up that may cause this. I have checked /proc/user\_beancounter for ressource problems - but none fails occurs.

Any hint is appreciated.

/Thomas

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Subject: Re: udevd hangs in VPS

Posted by [vaverin](#) on Fri, 27 Jul 2007 03:49:45 GMT

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Thomas,

udev in latest distributions (IMHO beginning from FC5) uses uevent interface in sysfs to collect information about devices that it should create.

Uevent interface is a relative new feature and only latest linux kernels support it.

Sysfs support inside VE is very restricted -- each sysfs entry eats some system resources and we're try do not add any new sysfs entries needlessly.

When udev inside VE udev cannot find device with uevent it decided that it has been executed on old kernel without Uevent support and complains "kernel too old for this udev".

thank you,  
Vasily Averin

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Subject: Re: udevd hangs in VPS  
Posted by [tpso](#) on Fri, 27 Jul 2007 19:10:25 GMT  
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Thanks for the explanation, for start\_udev to complain about kernel version.

regards  
Thomas

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