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Subject: Re: Troubleshooting VE start failure  
Posted by [kir](#) on Sat, 16 Aug 2008 04:44:01 GMT  
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There are a lot of approaches...

First of all, check `dmesg | tail` for any errors. Then run `vzctl start` with `--verbose`.

Check VE config (`/etc/vz/conf/$VEID.conf`) -- there should be a usual set of parameters. From what I see you do not have `OSTEMPLATE` parameter specified -- not a problem since `vzctl` falls to default which happen to be RedHat/Fedora and this is what you're actually running but for the sake of completeness set it to `fedora-8` or smth.

If that won't help, issue `vzctl mount $VEID` and `cd` to `/vz/root/$VEID`. There you can see the VE filesystem. It should look like a normal Linux/UNIX filesystem, i.e. stuff like `/bin /lib /sbin /usr /proc` etc.

Now you can `chroot` into it and run some checks:

```
chroot /vz/root/$VEID
# check all RPM packages, there should be a number of warnings but not too much
rpm -Va
# (if rpm won't start that something really bad happened to your VE)
# check /dev, there should be some basic stuff
ls -l /dev
# check logs, they might give you a clue what happened
less /var/log/messages
# check /sbin/init
ls -l /sbin/init
ldd /sbin/init # see that all libraries are resolved
# check /etc/inittab
less /etc/inittab
```

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